

SANLIXIN

SOLENOID VALVE

SANLIXIN SOLENOID VALVE CO.,LTD.

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Brief Introduction

Yuyao Sanlixin Solenoid Valve Co., Ltd. specializes in the design and manufacture of all kinds of fluid solenoid valves and other automatic control valves, high-tech enterprises, national specialized "little giant" enterprises, well-known firms in Zhejiang Province, It has more than 50 patents for invention and utility models of solenoid valves. It has cooperated with University of Zhejiang for professional research, and has Sanlixin Product R&D Center of Zhejiang University Huanjiang Laboratory. Ningbo Sanlixin Industrial Solenoid Valve Engineering (Technology) Center.

Since 1993, it has more than 100 series, 10,000 kinds of specifications types widely used in a variety of media in the pipeline automatic control. Product flow diameter from DN0.1 to DN150mm, operating pressure from vacuum to 1050 bar, body and seal available in a variety of materials. The company has been committed to the development of new products, with water, gas, high pressure, high temperature and other media and pressure of all kinds of solenoid valve test engineering system. The company has passed ISO9001 quality management system certification, ISO14000 environmental management system certification, ISO45000 Occupational health and safety management system certification and intellectual property management system certification. Some products have passed the European TUV, CE WRAS NSF UL certification, etc. China Ex explosion-proof 3C certification.

The company has basically established the Sanlixin product marketing network in the world, established 13 sales centers in China and established sales centers in 10 countries overseas. The company engineers can provide you with pre-sales and after-sales service, and can design and customize all kinds of fluid solenoid valve products professionally.

The company adheres to the business purpose of "technology first, quality oriented, customer oriented, create excellent brand", constantly meet customer requirements, seek common development, and serve global users.

HIGH QUALITY BEST SERVICE



Company Principles

Technology First
Quality Basis
Customer for the Center
Creating Famous Brand





Quality & Manufacturing







NEXT GENERATION SOLENOID VALVE·SM SERIES
SOLENOID VALVE PATENT NUMBER:ZL 2015 2 0192971.0
COIL PATENT NUMBER:ZL 2015 2 0454099.2

Low Power Strong Thrust Solenoid Valve



Characteristics of SM coil :

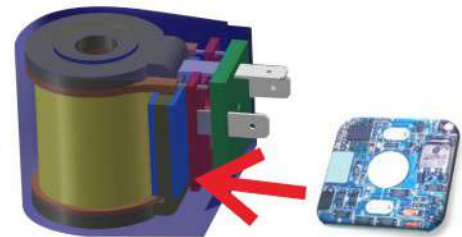
1. Power will be 1/4 of the original coil
2. Working long time will no get heat and long life cycle
3. Coil put tension enhanced 3 times faster response speed
4. Significantly lowering the controller power
5. Suit for super high pressure solenoid valve
No need larger power coil
6. Suitable for all kinds of AC/DC solenoid valve

Parameters of the solenoid valve with old type& new type coil

Point	Standard coil	New type coil
Orifice	3.00 mm	3.00 mm
Power consumption	12W/22VA	3W/4.5VA
Max working pressure	13bar	36bar
Coil temp.	≥80℃	≤50℃
Noise	AC maybe has the noise	AC no noise
coil life cycle	≤1,000,000	≥50,000,00

Green technology :

Low Power Strong Thrust Solenoid Valve Innovation Research And Application



They key technology and research process



2012

Developed module
-out install



2013

Developed
integrated chip



2014

Developed Built-in & low
power with high thrust coil



By up to one year of testing and inspection, in 2015 release SM series solenoid valve



Valve body seal material selection list **P1**

Solenoid valves numbering system for order **P2**

Flow calculation method seal material review **P3**

ZS compact series 2/2-way direct acting solenoid valve · normally closed **P4-8**

Body material: Forged Brass, Stainless Steel Pressure: 0-8kgf/cm²
 Orifice: Φ 2.5mm-10mm Pipe size: 1/8" - 1/2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



ZS 2/2-way direct acting solenoid valve normally closed **P9-10**

Body material: Forged Brass Pressure: 0-20kgf/cm²
 Orifice: Φ 10mm-20mm Pipe size: 1/4" - 1"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



ZS 2/2-way direct acting solenoid valve normally closed **P11-12**

Body material: SS304 Pressure: 0-20kgf/cm²
 Orifice: Φ 10mm-20mm Pipe size: 1/4" - 1"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



ZS 2/2-way large diameter direct acting solenoid valve · normally closed **P13-14**

Body material: Forged Brass Pressure: 0-10kgf/cm²
 Orifice: Φ 16mm-50mm Pipe size: 3/8" - 2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



ZS 2/2-way large diameter direct acting solenoid valve · normally closed **P15-16**

Body material: SS304 Pressure: 0-10kgf/cm²
 Orifice: Φ 16mm-50mm Pipe size: 3/8" - 2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



ZS 2/2-way flange large diameter direct acting solenoid valve · normally closed **P17-19**

Body material: SS304 Pressure: 0-10kgf/cm²
 Orifice: Φ 16mm-100mm Flange DN15-100
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



ZS plastic series 2/2-way zero press differential solenoid valve · normally closed **P20-21**

Body material: Reinforced Nylon(PA6) Pressure: 0-8kgf/cm²
 Orifice: Φ 15mm-40mm Pipe size: 1/2" - 1 1/2"
 Fluid Media: Water, Air



ZS 2/2-way direct acting solenoid valve · normally open **P22-23**

Body material: brass Pressure: 0-13kgf/cm²
 Orifice: Φ 10mm-20mm Pipe size: 1/4" - 1"
 Fluid Media: Air, Gas, Water, Hot water, Liquids, Light oil



Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve · normally open **P24-25**

Body material: Stainless steel Pressure: 0-13kgf/cm²
 Orifice: Φ10mm-20mm Pipe size: 1/4" -1"
 Fluid Media: Air, Gas, Water, Hot water, Liquids, Light oil



ZS 2/2-way direct acting solenoid valve · normally open **P26-27**

Body material: Forged Brass Pressure: 0-5kgf/cm²
 Orifice: Φ4mm-50mm Pipe size: 3/8" -2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



ZS 2/2-way direct acting solenoid valve normally open **P28-31**

Body material: SS304 Pressure: 0-5kgf/cm²
 Orifice: Φ4mm-50mm Pipe size: 3/8" -2" Flange DN15-50
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



ZS plastic series 2/2-way zero press differential solenoid valve · normally open **P32**

Body material: Reinforced Nylon(PA6) Pressure: 0-5kgf/cm²
 Orifice: Φ15mm-25mm Pipe size: 1/2" -1"
 Fluid Media: Water, Air Etc



ZS series coil parameters tables **P33**

SLP compact series 2/2-way direct acting solenoid valve · normally closed **P34-37**

Body material: Forged Brass, SS316 Pressure: 0-13kgf/cm²
 Orifice: Φ3mm-6mm Pipe size: 1/8" -1/2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



SLP small series 2/2-way direct acting solenoid valve · normally closed **P38**

Body material: Forged Brass, SS316 Pressure: 0-13kgf/cm²
 Orifice: Φ3mm-4mm Pipe size: 3/8"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



SLP compact series 2/2-way direct acting solenoid valve · normally open **P39-40**

Body material: Forged Brass, SS316 Pressure: 0-30kgf/cm²
 Orifice: Φ1mm-4mm Pipe size: 1/8" -1/4"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



SLP small series 2/2-way pilot operated solenoid valve · normally closed **P41-42**

Body material: Forged Brass, SS316 Pressure: 0.1-16kgf/cm²
 Orifice: Brass Φ10.5mm Stainless Steel Φ9mm Pipe size: 1/4"-1/2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.





SLP small series 2/2-way direct acting solenoid valve · normally closed **P43-44**

Body material: Forged Brass, SS316 Pressure: 0-16kgf/cm²
 Orifice: Brass Φ 10.5mm Stainless Steel Φ 9mm Pipe size: 1/4"~1/2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



SLP small series 2/2-way pilot operated solenoid valve · normally open **P45-46**

Body material: Forged Brass, SS316 Pressure: 0.1-13kgf/cm²
 Orifice: Brass Φ 10.5mm Stainless Steel Φ 9mm Pipe size: 1/4"~1/2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



SLP 2/2-way large diameter pilot operated solenoid valve · normally closed **P47-48**

Body material: Forged Brass Pressure: 0.5-16kgf/cm²
 Orifice: Φ 13mm-50mm Pipe size: 3/8" -2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



SLP 2/2-way large diameter pilot operated solenoid valve · normally closed **P49-52**

Body material: SS304 SS316 Pressure: 0.5-16kgf/cm²
 Orifice: Φ 13mm-100mm Pipe size: 3/8" -2" Flange DN25-100
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



SLP plastic series 2/2-way pilot operated solenoid valve · normally closed **P53**

Body material: Reinforced Nylon(PA6) Pressure: 0.5-10kgf/cm²
 Orifice: Φ 13mm-40mm Pipe size: 3/8" -1 1/2"
 Fluid Media: Water, Air



SLP 2/2-way large diameter pilot operated solenoid valve · normally open **P54-55**

Body material: Forged Brass Pressure: 0.5-13kgf/cm²
 Orifice: 13mm-50mm Pipe size: 3/8"-2"
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc.



SLP 2/2-way large diameter pilot operated solenoid valve · normally open **P56-59**

Body material: SS316 Pressure: 0.5-13kgf/cm²
 Orifice: Φ 13mm-50mm Pipe size: 3/8"-2" Flange: DN25-50
 Fluid Media: Water, Hot Water, Air, Gas, Oil Etc



SLP plastic series 2/2-way pilot operated solenoid valve · normally open **P60**

Body material: Reinforced Nylon(PA6) Pressure: 0.5-8kgf/cm²
 Orifice: Φ 13mm-40mm Pipe size: 3/8" -1 1/2"
 Fluid Media: Water, Air



Sanlixin Solenoid Valve

SLP series coil parameters tables **P61**

SLA 2/2-way pilot operated piston solenoid valve · normally closed **P62-64**

Body material: Forged Brass
Orifice: Φ 15mm-50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc

Pressure: 0.5-25kgf/cm²
Pipe size: 3/8" -2"



SLA 2/2-way pilot operated piston solenoid valve · normally closed **P65-69**

Body material: SS304
Orifice: Φ 15mm-100mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc

Pressure: 0.5-25kgf/cm²
Pipe size: 3/8" -2" Flange: DN25-100



SLA 2/2-way pilot operated piston solenoid valve · normally open **P70-71**

Body material: Forged Brass
Orifice: Φ 15mm-50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc

Pressure: 0.5-10kgf/cm²
Pipe size: 3/8" -2"



SLA 2/2-way pilot operated piston solenoid valve · normally open **P72-73**

Body material: SS304
Orifice: Φ 15mm-50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc

Pressure: 0.5-10kgf/cm²
Pipe size: 3/8" -2" Flange: DN25-50



SLA series coil parameters tables **P74**

SLH 2/2-way high temperature solenoid valve · normally closed **P75-77**

Body material: SS304
Orifice: Φ 15mm-50mm
Fluid Media: Steam, Heat Conduction Oil Etc

Pressure: 0.5-25kgf/cm²
Pipe size: 3/8" -2" Flange: DN25-50



ZCT 2/2-way series solenoid valve normally closed **P78-80**

Body material: Stainless Steel
Orifice: Φ 3mm-15mm
Fluid Media: Steam, Water, Hot Water, Air, Gas, Oil Etc

Pressure: 0-13kgf/cm²
Pipe size: 1/8" -1"



SLG series 2/2-way high pressure solenoid valve · normally closed **P81-83**

Body material: Forged Brass, Stainless Steel
Orifice: Φ 1mm-25mm
Fluid Media: Water, Hot Water, Air, Oil Etc

Pressure: 0-100kgf/cm²
Pipe size: 1/8" -1"



SLG series 2/2-way small size high pressure solenoid valve · normally open **P84-85**

Body material: SS316
Orifice: Φ 0.8mm-2.0mm
Fluid Media: Water, Air Etc

Pressure: 0-170kgf/cm²
Pipe size: 1/8" -1/4"





SLGA series 2/2-way high pressure solenoid valve P86-87

Body material: Forged Brass
Orifice: Φ 14.5mm
Fluid Media: Air

Pressure: 0.5-50kgf/cm²
Pipe size: 3/8" -3/4"



SLZ series 2/2-way high pressure solenoid valve · normally closed P88-89

Body material: Forged Brass, SS316
Orifice: Φ 1mm-3mm
Fluid Media: Water, Hot Water, Air, Oil Etc

Pressure: 0-170kgf/cm²
Pipe size: 1/8" -3/8"



SLZ series high pressure pilot operate solenoid valve · normally closed P90-91

Body material: Stainless Steel
Orifice: Φ 6.0mm Φ 8.0mm Φ 10.0mm
Fluid Media: Water, Air

Pressure: 0.5-110kgf/cm²
Pipe size: 1/8" -1/2"



SLZ series 2/2-way high pressure pilot operated solenoid valve · normally closed P92

Body material: Forged Brass
Orifice: Φ 8mm
Fluid Media: Water, Air, CO² Etc

Pressure: 1-150kgf/cm²
Pipe size: 1/4" -3/8"



SLV series 3/2-way direct acting solenoid valve P93-99

Body material: Forged Brass, Stainless Steel
Orifice: Φ 1.5mm-3mm
Fluid Media: Water, Hot Water, Air, Oil Etc

Pressure: 0-12kgf/cm²
Pipe size: 1/8" -1/4"



SLT series 3/2-way direct acting solenoid valve P100-104

Body material: Forged Brass, Stainless Steel
Orifice: Φ 1.5mm-4mm
Fluid Media: Water, Hot Water, Air, Oil Etc

Pressure: 0-13kgf/cm²
Pipe size: 1/8" -1/4"



SLT series 3/2-way pilot operated solenoid valve · normally closed P105-106

Body material: Forged Brass
Orifice: ϕ 16mm
Fluid Media: Water, Air Etc

Pressure: 0.5-10kgf/cm²
Pipe size: 3/8" -1/2"



SLT series 3/2-way direct acting solenoid valve · universal P107-P108

Body material: Forged Brass
Orifice: ϕ 6-32mm
Fluid Media: Water, Air Etc

Pressure: 0-15bar
Pipe size: 1/4" -1-1/2"



Sanlixin Solenoid Valve

SLC series water dispenser plastic solenoid valve • normally closed P109-111

Body material: Plastic
Orifice: Φ 2.5mm-9mm
Solenoid Valve(Outlet): Tube Insert Type Connection
Fluid Media: Water, Boiling Water, Air
Pressure: 0-120PSI
Pipe size: 1/8" -1/4"



SLC series inlet plastic solenoid valve • normally closed P112-115

Body material: POM
Orifice: Φ 10mm
Fluid Media: Water
Pressure: 0.2~8.0bar
Pipe size: NPT1/4"-1/2" , Quick connect



SLC series outlet plastic solenoid valve • normally closed P116-117

Body material: PES
Orifice: Φ 10mm
Fluid Media: Water
Pressure: 0~0.5 PSI
Pipe size: Insert Type



SLC series waste water plastic solenoid valve • normally closed P118

Body material: POM(PP)
Orifice: Φ 10mm
Fluid Media: Water
Pressure: 0.2~8bar
Pipe size: Quick connect



2W series 2/2-way direct acting solenoid valve • normally closed P119-120

Body material: Forged Brass, Cast Brass
Orifice: Φ 2.5mm-50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0-7kgf/cm²
Pipe size: 1/8" -2"



2W series 2/2-way direct acting solenoid valve • normally closed P121-122

Body material: SS304
Orifice: Φ 2.5mm-50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0-7kgf/cm²
Pipe size: 1/8" -2" Flange: DN15-50



2W series 2/2-way direct acting solenoid valve • normally open P123

Body material: Forged Brass, Cast Brass
Orifice: Φ 2.5mm-50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0-5kgf/cm²
Pipe size: 1/8" -2"



2W series 2/2-way direct acting solenoid valve • normally open P124-125

Body material: SS304
Orifice: Φ 2.5mm-50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0-5kgf/cm²
Pipe size: 1/8" -2" Flange DN15-50





DF series pilot operated liquid solenoid valve P126-127

Body material: Cast Brass , Cast Iron Pressure:0.3-8kgf/cm²
Orifice: Φ 15mm-150mm Pipe size:1/2" -2" Flange: DN40-150
Fluid Media:Water, Hot Water, Air, Gas , Oil Etc



ZQDF general use series solenoid valve · normally closed P128-129

Body material: Forged Brass Pressure: 0-8kgf/cm²
Orifice: Φ 15mm-50mm Pipe size:1/2" -2" Flange: DN15-50
Fluid Media:Steam, Water, Hot Water, Air, Gas , Oil Etc



ZQDF general use series solenoid valve · normally closed P130-131

Body material: Stainless Steel Pressure: 0-8kgf/cm²
Orifice: Φ 15mm-50mm Pipe size: 1/2" -2" Flange: DN20-50
Fluid Media: Steam, Water, Hot Water, Air, Gas , Oil Etc



ZCZ series 2/2-way solenoid valve · normally closed P132-134

Body material: Cast Brass , Cast Iron Pressure: 0.5-16kgf/cm²
Orifice: Φ 15mm-150mm Pipe size: 1/2" -2" Flange: DN20-150
Fluid Media: Steam, Water, Hot Water, Air, Oil Etc



SLF PTFE solenoid valve P135-136

Body material: PTFE Pressure: 0-6kgf/cm²
Orifice: Φ 3mm-25mm
Fluid Media: Super Clean Medium, Strong Acid, Strong Alkali Etc



SLUF UPVC solenoid valve P137

Body material: UPVC Pressure: 0. 1-6kgf/cm²
Orifice: Φ 16mm-24mm Pipe size: 1/2" -1"
Fluid Media: Weak acid and alkali (Air, liquid)



SLDF 2/2-way series underwater solenoid valve P138-139

Body material: Forged Brass, Cast Brass , Cast Iron Pressure: 0-6kgf/cm²
Orifice: Φ 15mm-150mm Pipe size:1/2" -2" Flange: DN65-150
Fluid Media:Water, Fluids Etc



ZCM zero pressure differential gas solenoid valve P140-142

Body material: Forged Brass Pressure: 0-5kgf/cm²
Orifice: Φ 3mm-100mm Pipe size:1/8" -2" Flange: DN40-100
Fluid Media:Coal Gas, Natural Gas, Other Normally Gas Etc



Sanlixin Solenoid Valve

SLPM 2/2-way latching solenoid valve **P143-144**

Body material: Forged Brass
Orifice: Φ 2mm-50mm
Fluid Media: Water, Air Etc

Pressure: 0.5-16kgf/cm²
Pipe size: 1/8" -2"



SLW 2/2-way direct acting small type solenoid valve • normally closed **P145-146**

Body material: Brass, Stainless Steel, Plastic
Orifice: Φ 1.2mm-3.0mm
Fluid Media: Water, Air Etc

Pressure: 0-30kgf/cm²
Pipe size: 1/8" M5 Hose connection



SLW 2/2-way direct acting small type solenoid valve • normally closed **P147-148**

Body material: Brass, Plastic
Orifice: Φ 1.5mm-3.0mm
Fluid Media: Water, Air Etc

Pressure: 0-17kgf/cm²
Pipe size: Hose connection



SLPW 2/2-way low power solenoid valve • normally closed **P149-150**

Body material: Brass, SS316
Orifice: Φ 2mm-25mm
Fluid Media: Water, Air

Pressure: 0-9kgf/cm²
Pipe size: 1/8" -1"
Power: 1.4W



SLB 2/2-way high (low) temperature solenoid valve • normally closed **P151-155**

Body material: Brass SS316
Orifice: Φ 1.5mm-40mm
Fluid Media: Steam, Heat conduction oil, CO₂, Liquid (Gas) Ammonia Etc

Pressure: 0-50kgf/cm²
Pipe size: 1/8" -1 1/2" Flange: DN25-40



SLBW 2/2-way cryogenic solenoid valve • normally closed **P156-158**

Body material: SS316
Orifice: Φ 2mm-6mm
Fluid Media: N₂, O₂, CO₂

Pressure: 0-65kgf/cm²
Pipe size: 1/8" -1/2"



SAV direct acting gas solenoid valve **P159-160**

Body material: Aluminum Alloy
Orifice: Φ 6mm-45mm
Fluid Media: Air, Fuel Gas

Pressure: 0-2000mbar
Pipe size: 1/4" -2"



SCF fuel gas emergency cut off solenoid valve **P161-163**

Body material: Brass
Orifice: Φ 15 Φ 20 Φ 25mm
Fluid Media: Fuel Gas

Pressure: 0-500mbar
Pipe size: 1/2", 3/4", 1"





SCF large diameter emergency cut off solenoid valve P164

Body material: Cast Iron
Orifice: Φ65 Φ80 Φ100mm
Fluid Media: Fuel Gas

Pressure: 0-6bar
Pipe size: DN65~100



SCFT series gas emergency shutoff valve P165-166

Body material: Aluminum
Orifice: Φ19mm
Fluid Media: Gas, Natural gas, Liquefied petroleum gas

Pressure: 0 ~ 360mbar
Pipe size: 1/2"~3/4"



SLE manifold type series solenoid valve P167-169

Body material: Aluminum
Orifice: Φ2.0~9.0mm
Fluid Media: Air, Liquid Water Etc

Pressure: 0 ~ 20 kgf/cm²
Outlet: 1/8"~1/2"



SLE manifold type series solenoid valve P170-172

Body material: Brass
Orifice: Φ10mm
Fluid Media: Air, Liquid Water Etc

Pressure: 0 ~ 13 kgf/cm²
Outlet: 1/8"~1/2" Inlet:1/2"



SLJ plate-type, integrated series solenoid valve P173-177

Body material: Brass
Orifice: Φ1.2mm-3.0mm

Pressure: 0-21kgf/cm²
Pipe size: Plate-Type



SLM 2/2-way direct acting compact series solenoid valve P178-179

Body material: Brass, stainless steel
Orifice: Φ1.0mm-2.5mm

Pressure:0-20kgf/cm²
Pipe size: 1/8" -1/4"



SLM 2/2-way miniature direct acting plastic solenoid valve P180-181

Body material: PPS
Orifice: Φ2.5mm
Fluid Media: Water, Air

Pressure:0-10bar
Pipe size: NPT1/8", 1/4" quick plug



SLM 2/2-way pilot operate solenoid valve P182

Body material: Brass, stainless steel
Orifice: Φ12mm Φ20mm Φ25mm

Pressure:0.5-16kgf/cm²
Pipe size: 3/8" -1"



Sanlixin Solenoid Valve

SLVM 2/3-way direct acting compact series solenoid valve **P183-187**

Body material: Brass, SS316
Orifice: Φ 1.5mm-2.5mm

Pressure: 0-16kgf/cm²
Pipe size: 1/8" -1/4"



DMF-Z right angle type latching solenoid valve **P188-190**

Body material: Aluminum
Orifice: Φ 20mm-62mm
Fluid Media: Air Etc

Pressure: 0.2-8kgf/cm²
Pipe size: 3/4" -2 1/2"



SBD timing of drainage solenoid valve **P191-192**

Body material: Forged Brass
Orifice: Φ 3mm
Fluid Media: Water Etc

Pressure: 0-16kgf/cm²
Pipe size: G1/4" G3/8" G1/2"



ZXF 2/2-way solenoid axial valve · normally closed **P193**

Body material: Forged Brass, Stainless steel
Orifice: Φ 16mm~25mm
Fluid Media: Water Etc

Pressure: 0 ~ 64 kgf/cm²
Pipe size: G1/2"~G1"



ZXFV 3/2-way solenoid axial valve · normally closed **P194**

Body material: Forged Brass
Orifice: Φ 16mm
Fluid Media: Water, Air

Pressure: 0 ~ 40 kgf/cm²
Pipe size: G3/8"~G3/4"



SGH compact series 2/2-way direct acting solenoid valve · normally closed **P195-196**

Body material: Forged Brass
Orifice: Φ 1.5~4mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc

Pressure: 0 ~ 20 kgf/cm²
Pipe size: G1/8"~1/4"



SGH compact series 2/2-way direct acting solenoid valve · normally open **P197-198**

Body material: Forged Brass
Orifice: Φ 1.5~4mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc

Pressure: 0 ~ 20 kgf/cm²
Pipe size: G1/8"~1/4"



SLK plastic series 2/2-way irrigation solenoid valve normally closed **P199-200**

Body material: Nylon
Orifice: Φ 25~100mm
Fluid Media: Water

Pressure: 0.5~15kgf/cm²
Pipe size: G3/4"~4"





SLY 2/2-way solenoid valve · normally open P201-202

Body material: Brass, Stainless steel
Orifice: Φ 1~2.5mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0 ~ 30 kgf/cm²
Pipe size: G1/8"~1/4"



SLQF 2/2-way solenoid valve P203-205

Body material: Forged Brass, SS304
Orifice: Φ 15~45mm
Fluid Media: Water, Air, Gas, Oil, Steam Etc
Pressure: 0 ~ 16kgf/cm²
Pipe size: 3/8"~2"



SLQF series 2/2-way solenoid valve·normally open P206-207

Body material: Forged Brass, SS316
Orifice: Φ 15mm~25mm
Fluid Media: Water, Air, Gas, Oil, Steam Etc
Pressure: 0 ~ 16 kgf/cm²
Pipe size: 3/8"~1"



SLQF series gas station special solenoid valve P208

Body material: Forged Brass
Orifice: Φ 5.5mm
Fluid Media: Gas, Oil
Pressure: 0 ~ 0.5kgf/cm²
Pipe size: 1/8", 1/4"



SM series solenoid valve P209

SMS series 2/2-way direct acting solenoid valve·normally closed P210-213

Body material: Forged Brass, SS316
Orifice: Φ 2.0mm~7.5mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0 ~ 120 kgf/cm²
Pipe size: G1/8"~1/2"



SMS 2/2-way large diameter direct acting solenoid valve·normally closed P214-215

Body material: Forged Brass, SS304
Orifice: Φ 16mm~50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0 ~ 10 kgf/cm²
Pipe size: G3/8"~2"



SMS 2/2-way flange connection direct acting solenoid valve·normally closed P216

Body material: SS304
Orifice: Φ 15mm~50mm
Fluid Media: Water, Hot Water, Air, Gas, Oil Etc
Pressure: 0 ~ 10 kgf/cm²
Pipe size: Flange : DN15~50



SMS series coil parameters tables P217

SMP compact series 2/2-way direct acting solenoid valve·normally closed P218-221

Body material: Forged Brass, stainless steel
Orifice: Φ 2.0mm~6.0mm
Fluid Media: Water, Hot Water, Air, Oil Etc
Pressure: 0 ~ 30 kgf/cm²
Pipe size: 1/8"~1/2"



Sanlixin Solenoid Valve

SMG series 2/2-way high pressure solenoid valve · normally closed

P222-224

Body material: Forged Brass, Stainless Steel Pressure: 0 ~ 190 kgf/cm²
Orifice: Φ 1.5mm~25mm Pipe size: G1/8"~G1"
Fluid Media: Water, Hot Water, Air, Oil Etc.



SMZ series 2/2-way high pressure solenoid valve · normally closed

P225-226

Body material: Stainless Steel Pressure: 0 ~ 360 kgf/cm²
Orifice: Φ 1mm~25mm Pipe size: G1/8"~G1"
Fluid Media: Water, Hot Water, Air, Oil Etc.



SMZ series 2/2-way zero leakage super high pressure solenoid valve · normally closed

P227-228

Body material: SS316 Pressure: 0 ~ 700 kgf/cm²
Orifice: Φ 0.5mm Pipe size: 1/8"~1/4"
Fluid Media: Water, Air Etc.



SQK air operated valve

P229



SQKS 2/2-way direct acting air operated valve · normally closed

P230-232

Body material: Brass, Stainless Steel Pressure: 0 ~ 10 kgf/cm²
Orifice: Φ 4mm~50mm Pipe size: 1/4"~2" Flange DN15~50
Fluid Media: Water, Air, gas, Light oil



SQKS plastic series 2/2-way direct acting air operated valve · normally closed

P233

Body material: PA6 Pressure: 0 ~ 8 kgf/cm²
Orifice: Φ 15mm~25mm Pipe size: 1/2"~1"
Fluid Media: Water, Air, gas, Light oil



SQKS 2/2-way direct acting flange operated air control valve · normally open

P234-236

Body material: Brass, Stainless Steel Pressure: 0 ~ 10kgf/cm²
Orifice: Φ 4mm~50mm Pipe size: 1/4"~2" Flange DN15~50
Fluid Media: Water, Air, gas, Light oil



SQKS plastic series 2/2-way direct acting air operated valve · normally open

P237

Body material: PA6 Pressure: 0 ~ 8 kgf/cm²
Orifice: Φ 15mm~25mm Pipe size: 1/2"~1"
Fluid Media: Water, Air, gas, Light oil





SQKP small series 2/2-way direct acting air operated valve • Normally closed

P238-239

Body material: Brass, Stainless Steel
Orifice: Φ 3mm~6mm
Fluid Media: Water, Air, gas, Light oil

Pressure: 0 ~ 10kgf/cm²
Pipe size: 1/8"~1/2"



SQKP 2/2-way large diameter pilot operate air operated valve • normally closed

P240-242

Body material: Brass, Stainless Steel
Orifice: Φ 13mm~100mm
Fluid Media: Water, Air, gas, Light oil

Pressure: 0.5 ~ 13kgf/cm²
Pipe size: 3/8"~2" Flange DN25~100



SQKP plastic series 2/2-way pilot operate air operated valve • normally closed

P243

Body material: PA6
Orifice: Φ 13mm~40mm
Fluid Media: Water, Air, gas, Light oil

Pressure: 0.5 ~ 10kgf/cm²
Pipe size: 3/8"~1-1/2"



SQKP small series 2/2-way direct acting air operated valve • normally open

P244

Body material: Brass, Stainless Steel
Orifice: Φ 3mm~6mm
Fluid Media: Water, Air, gas, Light oil

Pressure: 0 ~ 10kgf/cm²
Pipe size: 1/8"~1/2"



SQKP 2/2-way large diameter pilot operated air operated valve • normally open

P245-246

Body material: Brass, Stainless Steel
Orifice: Φ 13mm~100mm
Fluid Media: Water, Air, gas, Light oil

Pressure: 0.5 ~ 13kgf/cm²
Pipe size: 3/8"~2" Flange DN25~100



SQKP plastic series 2/2-way pilot operate air operated valve • normally open

P247

Body material: PA6
Orifice: Φ 13mm~40mm
Fluid Media: Water, Air, gas, Light oil

Pressure: 0.5~ 10kgf/cm²
Pipe size: 3/8"~1-1/2"



SQKF 2/2-way large diameter direct acting vacuum air operated valve • normally closed

P248-249

Body material: Brass, Stainless Steel
Orifice: Φ 16mm~50mm
Fluid Media: Water, Air, gas, Light oil

Pressure: -1 ~ 10kgf/cm²
Pipe size: 3/8"~2"



SQKT 3/2-way direct acting air operated valve

P250-254

Body material: Brass, Stainless Steel
Orifice: Φ 1.5mm~4.0mm
Fluid Media: Water, Air, gas, Light oil

Pressure: 0 ~ 13kgf/cm²
Pipe size: 1/8"~1/4"



Sanlixin Solenoid Valve

SQKE direct acting manifold type air operated valve P255-256

Body material: Brass, Aluminum, Stainless Steel Pressure: 0 ~ 10kgf/cm²
Orifice: Φ 2.0mm~6.0mm Pipe size: 1/8"~1/4"
Fluid Media: Water, Air, gas, Light oil



SQGM series small diaphragm isolation air operated valve · normally open P257-258

Body material: SS316 Pressure: 0 ~ 16kgf/cm²
Orifice: Φ 2.0mm~5.0mm Pipe size: 1/8"~1/2"
Fluid Media: Weak acid alkali fluid, Ultra clean fluid



SLEM manifold type air control special use solenoid valve P259-260

Body material: Brass, Aluminum, Stainless Steel Pressure: 0 ~ 9kgf/cm²
Orifice: Φ 1.2mm Pipe size: 1/8"~1/4"
Fluid Media: Air



JZF series angle seat valve P261-267

Body material: Stainless Steel Pressure: 0-16kgf/cm²
Orifice: Φ 10mm-65mm Pipe size: screw-type welded-type
Fluid Media: Air Etc



ZKS compact series 2/2-way direct acting vacuum solenoid valve · normally closed P268-270

Body material: Brass, Stainless Steel Pressure: -1~5kgf/cm²
Orifice: Φ 2.5mm- Φ 5mm Pipe size: 1/8"~1/2"
Fluid Media: Vacuum



ZKS 2/2-way large diameter direct acting vacuum solenoid valve · normally closed P271-272

Body material: Brass Pressure: -1~6kgf/cm²
Orifice: Φ 16mm- Φ 50mm Pipe size: 3/8"~2"
Fluid Media: Vacuum



ZKS 2/2-way large diameter direct acting vacuum solenoid valve · normally closed P273-274

Body material: Stainless Steel Pressure: -1~6kgf/cm²
Orifice: Φ 16mm- Φ 50mm Pipe size: 3/8"~2"
Fluid Media: Vacuum



ZKS 2/2-way large diameter direct acting (stainless steel)vacuum solenoid valve · normally closed P275

Body material: Stainless Steel Pressure: -1~6kgf/cm²
Orifice: Φ 16mm- Φ 50mm Pipe size: Flange15~50
Fluid Media: Vacuum



STJF series proportional valve P276-277

Body material: Brass, Stainless Steel Pressure: 0-10kgf/cm²
Orifice: Φ 1.0mm- Φ 4.0mm Pipe size: G1/8"-1/4"
Fluid Media: Air, Oxygen, water





STJS 2/2-way flow adjustable direct-acting solenoid valve • normally closed P278-279

Body material: Brass
Orifice: Φ 2.0mm~5.0mm
Fluid Media: Water, Hot water, Air, oil

Pressure: 0 ~ 25kgf/cm²
Pipe size: 1/8"~1/4"



SLOW series water hammer resist solenoid valve • normally closed P280-281

Body material: Brass, Stainless Steel
Orifice: Φ 16mm
Fluid Media: Water

Pressure: 0.5 ~ 10kgf/cm²
Pipe size: G1/2"



SWXF dmimi power solenoid valve • normally closed P282-284

Body material: SS316
Orifice: Φ 1.0mm~2.0mm
Fluid Media: Neutral fluids such as water and air

Pressure: 0 ~ 10kgf/cm²
Pipe size: M6, 1/8"



SWXV 3/2-way miniature direct acting solenoid valve P285-287

Body material: SS316
Orifice: Φ 1.5mm~2.0mm
Fluid Media: Neutral fluids such as water and air

Pressure: 0 ~ 10kgf/cm²
Pipe size: M6



SZXF miniature axial solenoid valve • normally closed P288-289

Body material: SS316
Orifice: Φ 1.0mm~2.0mm
Fluid Media: Neutral fluids such as water and air

Pressure: 0 ~ 10kgf/cm²
Pipe size: M6



SWGM series micro power small diaphragm isolation solenoid valve • normally closed P290-291

Body material: PEEK, PTFE, SS316
Orifice: Φ 1.5mm~3.0mm
Fluid Media: Acid, Alkali, Ultra-clean liquid

Pressure: 0 ~ 30PSI
Pipe size: M6



SJGM pinch solenoid valve P292

Body material: POM
Hose size: Φ 3.2x6.4mm
Fluid Media: Gases and ultra-clean liquids

Pressure: 0 ~ 20PSI
Pipe size: Clip pipe



SJGF 2/2-way pinch solenoid valve normally closed P293

Body material: Aluminum alloy
Hose size: Φ 3.2x6.4mm Φ 6.4x9.5mm
Fluid Media: Gases and ultra-clean liquids

Pressure: 0 ~ 20PSI
Pipe size: Clip pipe



SWXE micro power small combined solenoid valve P294-296

Body material: SS316, PEEK
Orifice: Φ 1.0mm~2.0mm
Fluid Media: Air, Water, Ultra-clean liquid

Pressure: 0 ~ 10kgf/cm²
Pipe size: M6, 1/8"



Sanlixin Solenoid Valve

SWXG miniature high pressure axial solenoid valve · normally closed **P297-298**

Body material: SS316
 Orifice: Φ 0.3mm~1.0mm
 Fluid Media: Neutral fluid, Fluid viscosity: <20CST
 Pressure: 0 ~ 180kgf/cm²
 Pipe size: 1/8"



SWLF 2/2-way direct acting solenoid valve · normally closed **P299-300**

Body material: SS316
 Orifice: Φ 0.8mm~2.0mm
 Fluid Media: Air, Water Etc.
 Pressure: 0 ~ 25kgf/cm²
 Pipe size: 1/8OD、1/4OD、6OD



SWLG 2/2-way Direct acting high-pressure solenoid valve · normally closed **P301-302**

Body material: SS316
 Orifice: Φ 0.3mm~1.0mm
 Fluid Media: Air, Water Etc.
 Pressure: 0 ~ 200kgf/cm²
 Pipe size: 1/8OD、1/4OD、6OD



S10 super micro solenoid valve · normally closed **P303**

Body material: Brass, SS316
 Orifice: Φ 0.3mm
 Fluid Media: Water, Air, gas, Light oil
 Pressure: 0 ~ 6bar



S15 micro solenoid valve · normally closed **P304**

Body material: Stainless Steel
 Orifice: Φ 0.8mm
 Fluid Media: Neutral fluid such as air and water
 Pressure: 0 ~ 6kgf/cm²
 Pipe size: 1/8"~1/4"



Signal feedback solenoid valve **P305**

Outlet Voltage: 0.5-4.5V
 Inlet Voltage: DC5V
 Pressure range: 0 ~ 16bar
 Fluid Media: Water, Air



Wide voltage coil **P306-P307**

Voltage: AC/DC 24-220V



Flameproof electromagnetic **P308-P310**



SLX timer switch device **P311**

Voltage:24V-240V AC/DC
 Time range:0.5Sec-99h59min59Sec



Coil type selection list (1) **P312**

Coil type selection list (2) **P313**

Coil type selection list (3) **P314**

Coil type selection list (4) **P315**

Solenoid valve selection guide **P316-317**



Valve body seal material selection List

Satisfactory Unsatisfactory Blank-test(may or may not be used)

Material Fluid Media	Brass	Cast Iron	Stainless Steel	Plastic	NBR	EPDM	VITON	PTFE
Air	✓	✓	✓	✓	✓	✓	✓	✓
Natural Gas	✓	✓	✓		✓	✓	✓	✓
Oxygen	✓	✓	✓	✓	✓	✓	✓	✓
Hydrogen	✓		✓		✓		✓	✓
City Gas	✓		✓				✓	✓
Industrial gas	✓		✓		✓			✓
Nitrogen	✓		✓				✓	✓
Refined Oil	✓	✓	✓				✓	✓
Water	✓	✓	✓	✓	✓	✓	✓	✓
Steam	✓	✓	✓		×	✓	✓	✓
Drinking Water	✓	✓	✓	✓		✓		✓
Sea	✓		✓	✓	✓	✓	✓	✓
Industrial Waste Water			✓				✓	✓
Gasoline	✓	✓	✓			×	✓	✓
Kerosene	✓	✓	✓	✓	✓	×	✓	✓
Diesel oil	✓	×	✓	✓	✓	×	✓	✓
Milk	✓	✓	✓	✓	✓	✓	✓	✓
Wine	✓	✓	✓	✓	✓	✓	✓	✓
Alcohol	✓	✓	✓		✓	×		✓
Acetylene	✓	✓	✓		✓	×	✓	✓
Alcohol, Ethyl(Ethanol)	✓	✓	✓		✓	×	✓	✓
Acetone	✓	✓	✓		×	✓	×	✓
Ammonia					×			✓
Toluene	✓	✓	✓			×	✓	✓
Xylene	✓	✓	✓			×	✓	✓
Propane	✓	✓	✓			×	✓	✓
Methane	✓	✓	✓		✓	×	✓	✓
Sulfur Dioxide	✓	✓	✓				✓	✓
Sodium Hydroxide<20%		✓	✓		✓	×		✓
Nitric Acid<10%			✓				✓	✓
Sulfuric Acid<20%							✓	✓
Hydrochloric Acid10%								✓
Acetic Acid	✓	✓	✓		✓	×	✓	✓

Sanlixin Solenoid Valve

Solenoid valves Numbering System For Order

Solenoid Valves Model Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLP	1	D	F	02	N	1	E	20	<input type="checkbox"/>
	Others eg: ZS、 SLA、 SLG、 SLE、 SLV etc.	1: Normally Closed 2: Normally Open	D: DIN Standard Connections, Fully Encapsulated A=Metallic Housing DIN standard N: Lead Wires, Water-tight, Fully Encapsulated U= Under water W=Metallic Housing lead wires X: Explosion-proof S: NASS Coil M: SM Coil	F:F Class H:H Class	02=AC220V AC230V 01=AC110V AC120V 03=AC36V 04=AC48V 05=AC24V 06=AC12V 07=24-220V AC/DC 08=AC380V 09=DC9-20V 12=DC12V 13=DC24V 14=DC110V 15=DC220V 16=DC36V 17=DC48V 18=DC6V 19=DC5V	N= NBR V= VITON E= EPDM T= Teflon G= Silicone R= HNBR K= PEEK P= PU	1=Forged Brass 2=Cast Brass 3= SS316 4= SS304 5= Stainless steel 6=Cast iron 7=Plastic 8=Aluminum 9=Forged Brass 10=PMMA 11=Lead-free Brass 12=Bronze	A=1/8" B=1/4" C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2" L=2 1/2" M=3" N=4" F= Flange Connection	01=1.0 02=2.0 03=3.0 04=4.0 05=5.0 06=6.0 08=8.0 09=9.0 10=10.0 13=13.0 15=15.0 16=16.0 20=20.0 25=25.0 32=32.0 35=35.0 40=40.0 50=50.0 65=65.0 80=80.0 100=100.0 C0=0.8 C1=1.2 C2=1.5 C3=2.5 C4=3.2 C5=3.5 C6=4.5 C7=5.5 C8=7.5 C9=10.5	M= Manual override L= Neon Lamp K= Mounting Bracket N=NPT P=PT R=RC T=Timer Y=Sensor

Flow Calculation Method Seal Material Review

◆ Flow calculation method

◆ 1、Liquid(volume)

$$Q=14.28Cv \frac{\sqrt{P_1-P_2}}{\sqrt{G}}$$

Note:Don't consider for viscosity influence less than 20mm²/S

◆ 2、 Gas (Volume)

$$Q=198.3CvP_1 \cdot \frac{1}{\sqrt{G}} (P_2 \leq \frac{P_1}{1.89})$$

$$Q=396.6v\sqrt{\Delta P \cdot P_2} \cdot \frac{1}{\sqrt{G}} (P_2 > \frac{P_1}{1.89})$$

Note: Standard atmospheric conditions:760mmHg, 15.6°C

Q:L/Min

Note:

P1: Inlet pressure kgf/cm²

P2: Outlet pressure kgf/cm²

ΔP: P1-P2

G: Specific Gravity (Water=1, Air=1)

Cv: Flow Coefficient Cv≈1.16x Kv Kv≈0.853x Cv

◆ Commonly Used Pressure Units Conversion

- ◆ 1kgf/cm²=1bar=0.1MPa=100KPa=14.5PSI

◆ Commonly Used Seal material review

(In different places of the dynamic situation use, so relevant data is only for reference)

◆ 1、 NBR

Main used for diaphragm, O rings and seal material, Suitable for air, gas, liquid water, light oil etc.

- ◆ Fluid temperature -18°C to 80°C

2、 EPDM

Main used the place the Temperature range above NBR, (Such as hot water.low pressure steam) suitable for

- ◆ the most of gas, liquid water.Fluid temperature -20°C to 139°C

3、 VITON

Main used the place where NBR、 EPDM can not be applied. Suitable for most of the gas, liquid water, gasoline,

- ◆ solvent etc. Fluid temperature -20°C to 169°C

4、 TEFLON

Almost it can suitable for all fluid media. But as dynamic seal material, it will be leakage especially the media is gas.

Sanlixin Solenoid Valve

ZS compact series 2/2-way direct acting solenoid valve · normally closed

Solenoid Valves Numbering System for Order

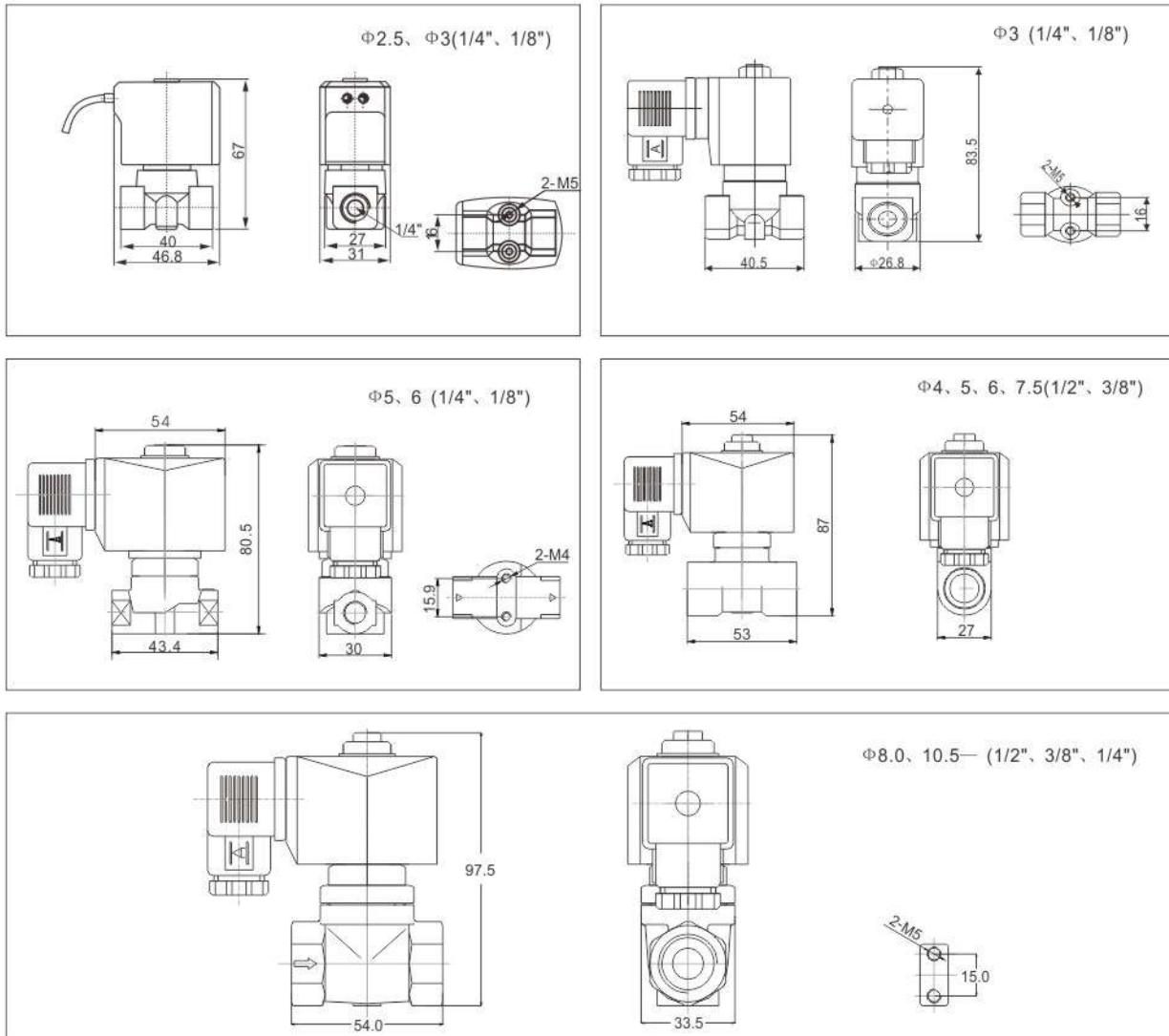
Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	ZS	1	D	F	02	N	1	E	20	<input type="checkbox"/>
	ZS Series	1: Normally Closed 2: Normally Open	D: DIN Standard Connections, Fully Encapsulated A: Metallic Housing, DIN Standard U= Under water N= Lead wires water-tight Fully Encapsulated	F: F Class H: H Class	02=AC220V AC230V 01=AC110V AC120V 03=AC36V 04=AC48V 05=AC24V 07=24-220V AC/DC 08=AC380V 12=DC12V 13=DC24V	N=NBR V=VITON E=EPDM (for orifice under ϕ 25mm only) G=Silicone	1=Forged Brass 4=SS304 3=Ss316	A=1/8" B=1/4" C=3/8" D=1/2"	C3=2.5 03=3.0 04=4.0 05=5.0 06=6.0 C8=7.5 04=4.0 05=5.0 06=6.0 C8=7.5 09=9.0 10=10.0 15=15.0 20=20.0 25=25.0 40=40.0 10=10.0 13=13.0 15=16.0 19=20.0 16=16.0 20=20.0 25=25.0 32=32.0 40=40.0 40=40.0 50=50.0 15=15.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0 65=65.0 80=80.0 100=100.0	M= Manual Override L= Neon lamp N= NPT pipe size K= Mounting Bracket Y=Sensor

ZS compact series 2/2-way direct acting solenoid valve · normally closed

1. 2/2-Way normally closed solenoid valve, Closed when de-energized, open when energized
2. Body material: Brass, SS304, SS316(Special made)
2. Max. Allowable pressure 16kgf/cm²; Fluids Temp: 0°C~120°C
3. Serialized products, small in size, large flow rate, widely use
4. Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
5. Voltage: 220VAC/230VAC/240VAC/110VAC/24C 50/60HZ 24VDC/12VDC; Voltage Tolerance: +10% to -10% applicable voltage
6. Coil can fix Germany Nass Coil, for orifice under DN25 only
7. This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
8. Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



External Dimensions Chart



Sanlixin Solenoid Valve

ZS compact series 2/2-way direct acting solenoid valve · normally closed



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. fluids Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC		Weight (KG)
			Min.	Max.						AC 220V			DC 24V	Class		Body material:		
				Air Gas		Water Hot water Liquids		Light oil ≤ 20CST								Forged brass	SS304	
				AC	DC	AC	DC	AC	DC									
1/8" Only N05 coil	2.5	0.23	0	7	5	7	5	7	5	80	N	13	8.5	F	ZS1NF02N1AC3	ZS1NF02N4AC3	0.35	
	2.5	0.23	0	7	5	7	5			120	N	13	8.5	F	ZS1NF02E1AC3	ZS1NF02E4AC3	0.35	
	2.5	0.23	0	7	5	7	5	7	5	120	N	13	8.5	F	ZS1NF02V1AC3	ZS1NF02V4AC3	0.35	
	3	0.3	0	5	4	5	4	5	4	80	N	13	8.5	F	ZS1NF02N1A03	ZS1NF02N4A03	0.35	
	3	0.3	0	5	4	5	4			120	N	13	8.5	F	ZS1NF02E1A03	ZS1NF02E4A03	0.35	
	3	0.3	0	5	4	5	4	5	4	120	N	13	8.5	F	ZS1NF02V1A03	ZS1NF02V4A03	0.35	
1/8"	4	0.6	0	8	5	8	5	5	5	80	D	20	20	F	ZS1DF02N1A04	ZS1DF02N4A04	0.46	
	4	0.6	0	8	5	8	5			120	D	20	20	F	ZS1DF02E1A04	ZS1DF02E4A04	0.46	
	4	0.6	0	8	5	8	5	5	5	120	D	20	20	F	ZS1DF02V1A04	ZS1DF02V4A04	0.46	
	5	0.65	0	6	4	6	4	4	3	80	D	20	20	F	ZS1DF02N1A05	ZS1DF02N4A05	0.46	
	5	0.65	0	6	4	6	4			120	D	20	20	F	ZS1DF02E1A05	ZS1DF02E4A05	0.46	
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1A05	ZS1DF02V4A05	0.46	
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1A06	ZS1DF02N4A06	0.46	
	6	0.8	0	4	2.5	4	2.5			120	D	20	20	F	ZS1DF02E1A06	ZS1DF02E4A06	0.46	
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1A06	ZS1DF02V4A06	0.46	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1AC8	ZS1DF02N4AC8	0.45	
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1AC8	ZS1DF02E4AC8	0.45	
7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1AC8	ZS1DF02V4AC8	0.45		

ZS compact series 2/2-way direct acting solenoid valve · normally closed



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Max. fluids Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC		Weight (KG)		
			Min.	Max.							AC 220V	DC 24V		Forged brass	SS304			
				Air Gas	Water Hot water Liquids		Light oil ≤20CST										AC	DC
					AC	DC	AC	DC										
1/4" Only N05 coil	2.5	0.23	0	7	5	7	5	7	5	80	N	13	8.5	F	ZS1NF02N1BC3	ZS1NF02N4BC3	0.34	
	2.5	0.23	0	7	5	7	5			120	N	13	8.5	F	ZS1NF02E1BC3	ZS1NF02E4BC3	0.34	
	2.5	0.23	0	7	5	7	5	7	5	120	N	13	8.5	F	ZS1NF02V1BC3	ZS1NF02V4BC3	0.34	
	3	0.3	0	5	4	5	4	5	4	80	N	13	8.5	F	ZS1NF02N1B03	ZS1NF02N4B03	0.34	
	3	0.3	0	5	4	5	4			120	N	13	8.5	F	ZS1NF02E1B03	ZS1NF02E4B03	0.34	
	3	0.3	0	5	4	5	4	5	4	120	N	13	8.5	F	ZS1NF02V1B03	ZS1NF02V4B03	0.34	
1/4"	4	0.6	0	8	5	8	5	5	5	80	D	20	20	F	ZS1DF02N1B04	ZS1DF02N4B04	0.46	
	4	0.6	0	8	5	8	5			120	D	20	20	F	ZS1DF02E1B04	ZS1DF02E4B04	0.46	
	4	0.6	0	8	5	8	5	5	5	120	D	20	20	F	ZS1DF02V1B04	ZS1DF02V4B04	0.46	
	5	0.65	0	6	4	6	4	4	3	80	D	20	20	F	ZS1DF02N1B05	ZS1DF02N4B05	0.45	
	5	0.65	0	6	4	6	4			120	D	20	20	F	ZS1DF02E1B05	ZS1DF02E4B05	0.45	
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1B05	ZS1DF02V4B05	0.45	
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1B06	ZS1DF02N4B06	0.45	
	6	0.8	0	4	2.5	4	2.5			120	D	20	20	F	ZS1DF02E1B06	ZS1DF02E4B06	0.45	
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1B06	ZS1DF02V4B06	0.45	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1BC8	ZS1DF02N4BC8	0.44	
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1BC8	ZS1DF02E4BC8	0.44	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1BC8	ZS1DF02V4BC8	0.44	

Sanlixin Solenoid Valve

ZS compact series 2/2-way direct acting solenoid valve · normally closed



Valve Selection List

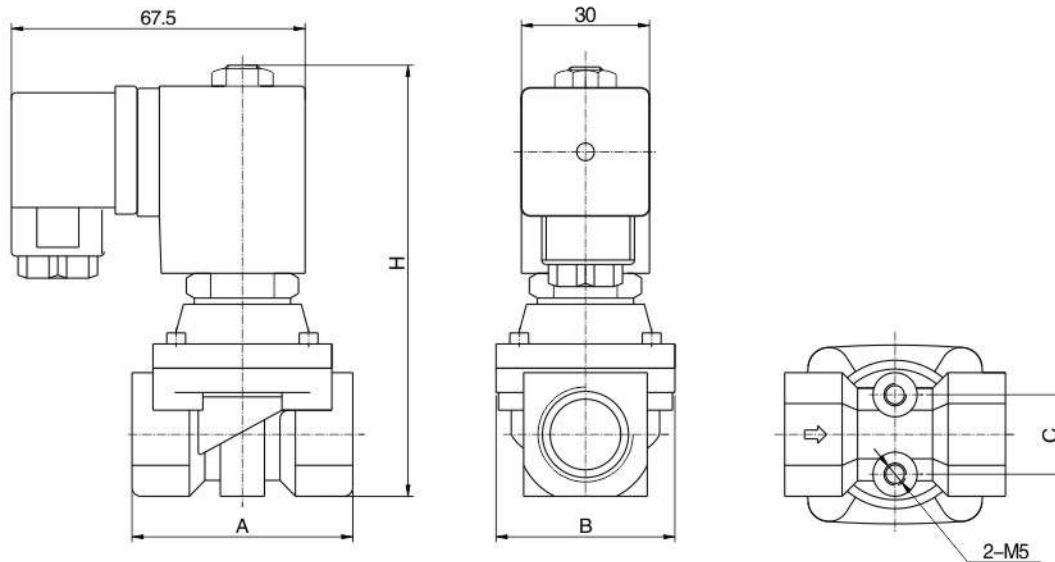
Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. fluids Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC		Weight (KG)
			Min.	Max.								AC 220V	DC 24V		Body material		
				Air Gas		Water Hot water Liquids		Light oil ≤ 20CST									
				AC	DC	AC	DC	AC	DC								
3/8"	4	0.6	0	8	5	8	5	5	5	80	D	20	20	F	ZS1DF02N1C04	ZS1DF02N4C04	0.6
	4	0.6	0	8	5	8	5			120	D	20	20	F	ZS1DF02E1C04	ZS1DF02E4C04	0.6
	4	0.6	0	8	5	8	5	5	5	120	D	20	20	F	ZS1DF02V1C04	ZS1DF02V4C04	0.6
	5	0.65	0	6	4	6	4	4	3	80	D	20	20	F	ZS1DF02N1C05	ZS1DF02N4C05	0.51
	5	0.65	0	6	4	6	4			120	D	20	20	F	ZS1DF02E1C05	ZS1DF02E4C05	0.51
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1C05	ZS1DF02V4C05	0.51
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1C06	ZS1DF02N4C06	0.51
	6	0.8	0	4	2.5	4	2.5			120	D	20	20	F	ZS1DF02E1C06	ZS1DF02E4C06	0.51
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1C06	ZS1DF02V4C06	0.51
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1CC8	ZS1DF02N4CC8	0.49
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1CC8	ZS1DF02E4CC8	0.49
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1CC8	ZS1DF02V4CC8	0.49
1/2"	10	1.6	0	0.5	0.3	0.5	0.3	0.4	0.2	80	D	20	20	F	ZS1DF02N1C10	ZS1DF02N4C09	0.62
	10	1.6	0	0.5	0.3	0.5	0.3			120	D	20	20	F	ZS1DF02E1C10	ZS1DF02E4C09	0.62
	10	1.6	0	0.5	0.3	0.5	0.3	0.4	0.2	120	D	20	20	F	ZS1DF02V1C10	ZS1DF02V4C09	0.62
	4	0.6	0	8	5	8	4	4	3	80	D	20	20	F	ZS1DF02N1D04	ZS1DF02N4D04	0.48
	4	0.6	0	8	5	8	4			120	D	20	20	F	ZS1DF02E1D04	ZS1DF02E4D04	0.48
	4	0.6	0	8	5	8	5	5	5	120	D	20	20	F	ZS1DF02V1D04	ZS1DF02V4D04	0.48
	5	0.65	0	6	4	6	5	5	5	80	D	20	20	F	ZS1DF02N1D05	ZS1DF02N4D05	0.48
	5	0.65	0	6	4	6	5			120	D	20	20	F	ZS1DF02E1D05	ZS1DF02E4D05	0.48
	5	0.65	0	6	4	6	4	4	3	120	D	20	20	F	ZS1DF02V1D05	ZS1DF02V4D05	0.48
	6	0.8	0	4	2.5	4	2.5	3	2.5	80	D	20	20	F	ZS1DF02N1D06	ZS1DF02N4D06	0.46
	6	0.8	0	4	2.5	4	2.5			120	D	20	20	F	ZS1DF02E1D06	ZS1DF02E4D06	0.46
	6	0.8	0	4	2.5	4	2.5	3	2.5	120	D	20	20	F	ZS1DF02V1D06	ZS1DF02V4D06	0.46
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	80	D	20	20	F	ZS1DF02N1DC8	ZS1DF02N4DC8	0.45
	7.5	1.0	0	1.5	1	1.5	1			120	D	20	20	F	ZS1DF02E1DC8	ZS1DF02E4DC8	
	7.5	1.0	0	1.5	1	1.5	1	1.5	1	120	D	20	20	F	ZS1DF02V1DC8	ZS1DF02V4DC8	
	10	1.65	0	0.5	0.3	0.5	0.3	0.4	0.2	80	D	20	20	F	ZS1DF02N1D10	ZS1DF02N4D09	0.59
	10	1.65	0	0.5	0.3	0.5	0.3			120	D	20	20	F	ZS1DF02E1D10	ZS1DF02E4D09	
	10	1.65	0	0.5	0.3	0.5	0.3	0.4	0.2	120	D	20	20	F	ZS1DF02V1D10	ZS1DF02V4D09	

ZS 2/2-way direct acting solenoid valve • normally closed

- 1: 2/2 way normally closed , closed when de-energized, open when energized
- 2: Max pressure tolerance: 25 kgf/cm²
- 3: Working pressure : 0 ~20 kgf/cm²
- 4: Ambient temp : 0~65 °C
- 5: Flow as the arrow ,mounts in any position ; best position is solenoid vertical and upright direction
- 6: 1/4"~1" connection size ,orifice Φ10mm~Φ20mm , can be widely used in the corresponding flow and pressure system , replace the same connection size but big orifice valve , can save a lot of cost
- 7: Voltage : AC220V/230V/240V/110V/24V 50/60HZ DC24V/12V
- 8: Seals : Can choose NBR、EPDM、VITON to fit the on/off control of different media;
- 9: Body: Brass
- 10: Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



External Dimensions Chart



Orifice(mm)	Pipe size G	A	B	C	H
Φ 10	1/4"	50	40.5	18	98
	3/8"	50	40.5	18	98
	1/2"	50	40.5	18	98
Φ 13	3/8"	55	43	18	98
	1/2"	55	43	18	98
Φ 16	1/2"	60	49	25	105
	3/4"	60	49	25	105
Φ 20	3/4"	72	60	28	113
	1"	72	60	28	113

Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve • normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC50/60HZ	Weight (KG)
			Max.									VA	W			
			Min.	Air Gas		Water Hot water Liquid		Light oil								
				AC	DC	AC	DC	AC	DC			AC 220V	DC 24V			
1/4"	10	1.9	0	20	16	20	16	20	16	80	D	22	13	F	ZS1DF02N9B10	0.55
	10	1.9	0	20	16	20	16			120	D	22	13	F	ZS1DF02E9B10	0.55
	10	1.9	0	20	16	20	16	20	16	120	D	22	13	F	ZS1DF02V9B10	0.55
3/8"	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	ZS1DF02N9C10	0.54
	10	2.4	0	20	16	20	16			120	D	22	13	F	ZS1DF02E9C10	0.54
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	ZS1DF02V9C10	0.54
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	ZS1DF02N9C13	0.56
	13	3.1	0	16	12	16	12			120	D	22	13	F	ZS1DF02E9C13	0.56
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	ZS1DF02V9C13	0.56
1/2"	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	ZS1DF02N9D10	0.53
	10	2.4	0	20	16	20	16			120	D	22	13	F	ZS1DF02E9D10	0.53
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	ZS1DF02V9D10	0.53
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	ZS1DF02N9D13	0.55
	13	3.1	0	16	12	16	12			120	D	22	13	F	ZS1DF02E9D13	0.55
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	ZS1DF02V9D13	0.55
	16	4.0	0	12	10	12	10	12	10	80	D	22	13	F	ZS1DF02N9D15	0.81
	16	4.0	0	12	10	12	10			120	D	22	13	F	ZS1DF02E9D15	0.81
	16	4.0	0	12	10	12	10	12	10	120	D	22	13	F	ZS1DF02V9D15	0.81
3/4"	16	4.0	0	12	10	12	10	12	10	80	D	22	13	F	ZS1DF02N9E15	0.8
	16	4.0	0	12	10	12	10			120	D	22	13	F	ZS1DF02E9E15	0.8
	16	4.0	0	12	10	12	10	12	10	120	D	22	13	F	ZS1DF02V9E15	0.8
	20	5.6	0	10	10	10	10	10	10	80	D	22	13	F	ZS1DF02N9E19	1.1
	20	5.6	0	10	10	10	10			120	D	22	13	F	ZS1DF02E9E19	1.1
	20	5.6	0	10	10	10	10	10	10	120	D	22	13	F	ZS1DF02V9E19	1.1
1"	20	5.6	0	10	10	10	10	10	10	80	D	22	13	F	ZS1DF02N9G19	1.0
	20	5.6	0	10	10	10	10			120	D	22	13	F	ZS1DF02E9G19	1.0
	20	5.6	0	10	10	10	10	10	10	120	D	22	13	F	ZS1DF02V9G19	1.0

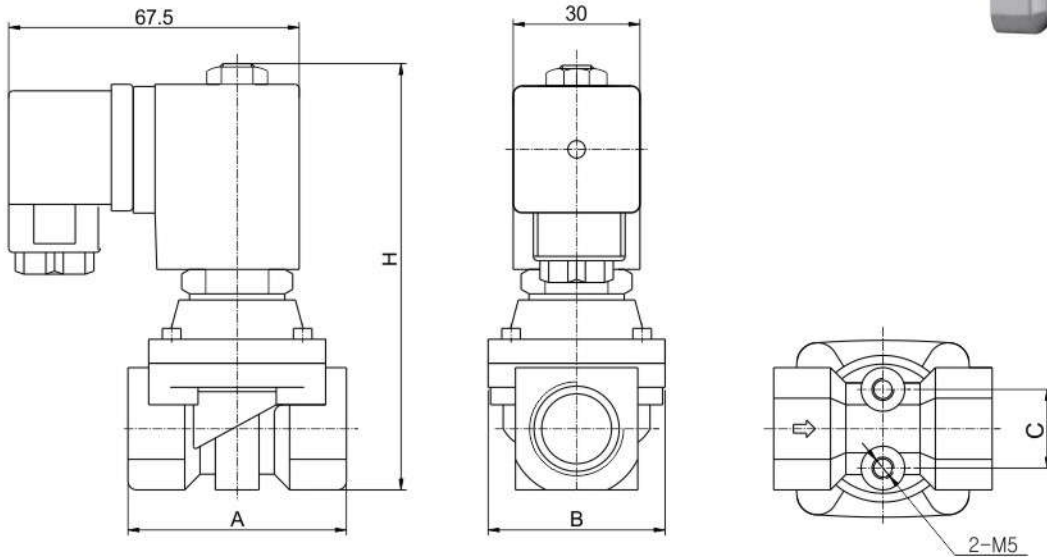


ZS 2/2-way direct acting solenoid valve · normally closed

1. 2/2 way Normally Closed, closed when de-energized, open when energized.
2. Max Pressure Tolerance: 25kgf/cm²
3. Working Pressure: 0~20kgf/cm²
4. Ambient Temp.: 0~65℃
5. Flow as the arrow, mounts in any position; best position is solenoid vertical and upright direction.
6. 1/4"~1" connection size, orifice Φ 10mm~ Φ 20mm, can be widely used in the corresponding flow and pressure system, replace the same connection size but big orifice valve, can save a lot of cost.
7. Voltage: AC220V/230V/240V/110V/24V 50/60HZ DC24V/12V
8. Seals: can choose NBR, EPDM, VITON to fit the on/off control of different media.
9. Body: SS304
10. Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



External Dimensions:



Orifice (mm)	Pipe size G	A	B	C	H
Φ 10	1/4"	50	40.5	18	98
	3/8"	50	40.5	18	98
	1/2"	50	40.5	18	98
Φ 13	3/8"	55	43	18	98
	1/2"	55	43	18	98
Φ 16	1/2"	60	49	25	105
	3/4"	60	49	25	105
Φ 20	3/4"	72	60	28	113
	1"	72	60	28	113

Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve • normally closed

Valve Selection List

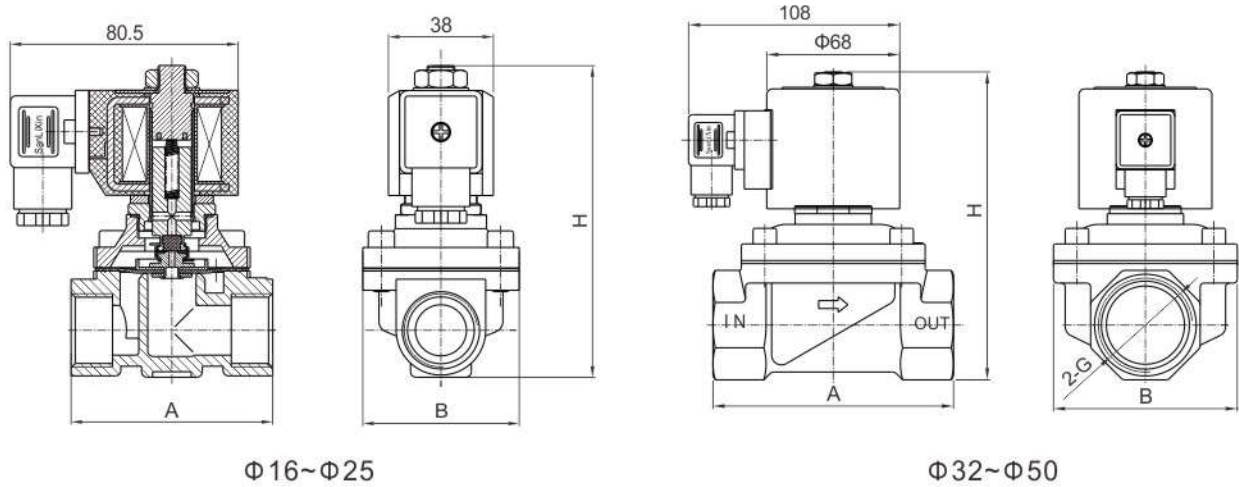
Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC50/60HZ	Weight (KG)
			Max.										VA	W			
			Min.	Air Gas		Water Hot water Liquid		Light oil		AC 220V			DC 24V				
				AC	DC	AC	DC	AC	DC								
1/4 "	10	1.9	0	20	16	20	16	20	16	80	D	22	13	F	ZS1DF02N4B10	0.55	
	10	1.9	0	20	16	20	16			120	D	22	13	F	ZS1DF02E4B10	0.55	
	10	1.9	0	20	16	20	16	20	16	120	D	22	13	F	ZS1DF02V4B10	0.55	
3/8 "	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	ZS1DF02N4C10	0.54	
	10	2.4	0	20	16	20	16			120	D	22	13	F	ZS1DF02E4C10	0.54	
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	ZS1DF02V4C10	0.54	
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	ZS1DF02N4C13	0.56	
	13	3.1	0	16	12	16	12			120	D	22	13	F	ZS1DF02E4C13	0.56	
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	ZS1DF02V4C13	0.56	
1/2 "	10	2.4	0	20	16	20	16	20	16	80	D	22	13	F	ZS1DF02N4D10	0.53	
	10	2.4	0	20	16	20	16			120	D	22	13	F	ZS1DF02E4D10	0.53	
	10	2.4	0	20	16	20	16	20	16	120	D	22	13	F	ZS1DF02V4D10	0.53	
	13	3.1	0	16	12	16	12	16	12	80	D	22	13	F	ZS1DF02N4D13	0.55	
	13	3.1	0	16	12	16	12			120	D	22	13	F	ZS1DF02E4D13	0.55	
	13	3.1	0	16	12	16	12	16	12	120	D	22	13	F	ZS1DF02V4D13	0.55	
	16	4.0	0	12	10	12	10	12	10	80	D	22	13	F	ZS1DF02N4D15	0.76	
	16	4.0	0	12	10	12	10			120	D	22	13	F	ZS1DF02E4D15	0.76	
	16	4.0	0	12	10	12	10	12	10	120	D	22	13	F	ZS1DF02V4D15	0.76	
3/4 "	16	4.0	0	12	10	12	10	12	10	80	D	22	13	F	ZS1DF02N4E15	0.74	
	16	4.0	0	12	10	12	10			120	D	22	13	F	ZS1DF02E4E15	0.74	
	16	4.0	0	12	10	12	10	12	10	120	D	22	13	F	ZS1DF02V4E15	0.74	
	20	5.6	0	10	10	10	10	10	10	80	D	22	13	F	ZS1DF02N4E19	1.0	
	20	5.6	0	10	10	10	10			120	D	22	13	F	ZS1DF02E4E19	1.0	
	20	5.6	0	10	10	10	10	10	10	120	D	22	13	F	ZS1DF02V4E19	1.0	
1 "	20	5.6	0	10	10	10	10	10	10	80	D	22	13	F	ZS1DF02N4G19	0.9	
	20	5.6	0	10	10	10	10			120	D	22	13	F	ZS1DF02E4G19	0.9	
	20	5.6	0	10	10	10	10	10	10	120	D	22	13	F	ZS1DF02V4G19	0.9	

ZS 2/2-way large diameter direct acting solenoid valve · normally closed

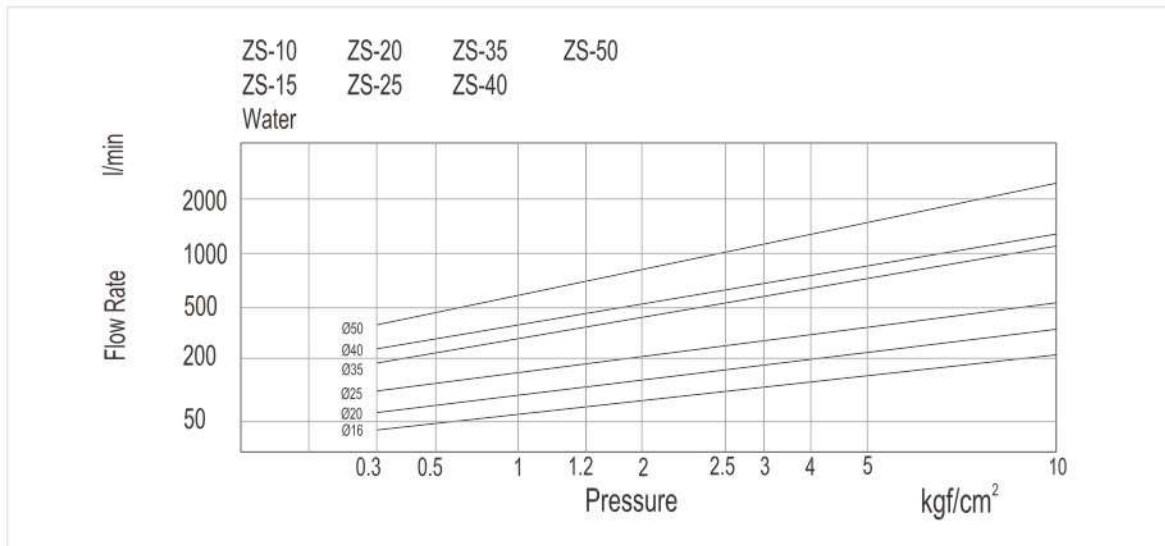
- 1:** 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2:** Serialized products, small in size, large flow rate, widely use
- 3:** Body material: forged brass, cast brass (for orifice $\Phi 32$ 、40、50 only)
- 4:** Ambient Temp. $0^{\circ}\text{C}\sim 65^{\circ}\text{C}$, Fluids Temp: $0^{\circ}\text{C}\sim 120^{\circ}\text{C}$.
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC; Voltage Tolerance: +10% to -10% applicable voltage
- 7:** Coil can fix Germany Nass Coil, for orifice $\phi 16\sim 25\text{mm}$ only.
- 8:** This series valves are offered NBR, VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
- 9:** Coil can fix SM Coil below DN25. AC 220V/AC110V/AC24V/DC24V



External Dimensions Chart



Flow Chart



Sanlixin Solenoid Valve

ZS 2/2-way large diameter direct acting solenoid valve · normally closed

Valve Selection List

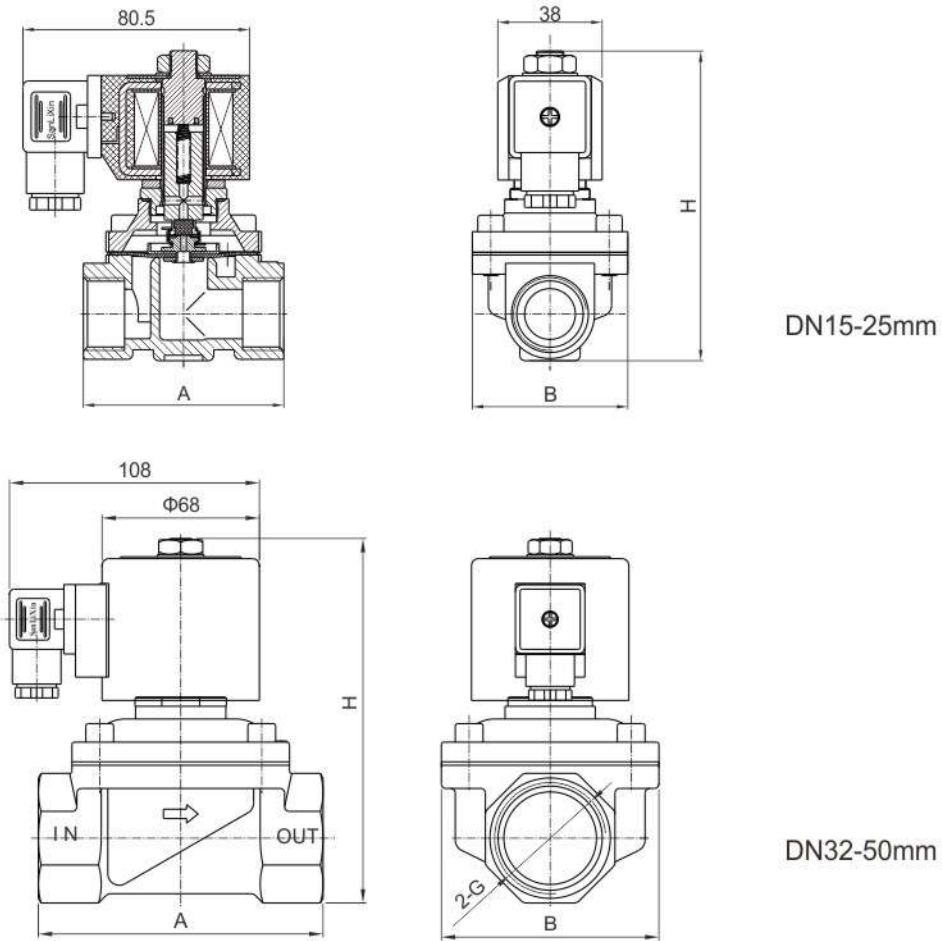
Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Temp. °C	Coil F Class Type	Power consumption		External Dimensions Length x Width x Height Ax B x H	Model Code Follows Voltage are 220VAC50/60HZ	Weight (KG)
			Max.									VA AC 220V	W DC 24V			
			Min.	Air Gas		Water Hot water Liquid		Light oil								
				AC	DC	AC	DC	AC	DC							
3/8"	16	4.8	0	10	6	10	6	7	4	80	D	20	20	69×57×106	ZS1DF02N1C16	0.9
	16	4.8	0	10	6	10	6			120	D	20	20	69×57×106	ZS1DF02E1C16	0.9
	16	4.8	0	10	6	10	6	7	4	120	D	20	20	69×57×106	ZS1DF02V1C16	0.9
	16	4.8	0			3	3			120	D	20	20	69×57×106	ZS1DF02G1C16	0.9
1/2"	16	4.8	0	10	6	10	6	7	4	80	D	20	20	69×57×106	ZS1DF02N1D16	0.9
	16	4.8	0	10	6	10	6			120	D	20	20	69×57×106	ZS1DF02E1D16	0.9
	16	4.8	0	10	6	10	6	7	4	120	D	20	20	69×57×106	ZS1DF02V1D16	0.9
	16	4.8	0			3	3			120	D	20	20	69×57×106	ZS1DF02G1D16	0.9
3/4"	20	7.6	0	10	6	10	6	7	4	80	D	20	20	73×57×114	ZS1DF02N1E20	1.08
	20	7.6	0	10	6	10	6			120	D	20	20	73×57×114	ZS1DF02E1E20	1.08
	20	7.6	0	10	6	10	6	7	4	120	D	20	20	73×57×114	ZS1DF02V1E20	1.08
	20	7.6	0			3	3			120	D	20	20	73×57×114	ZS1DF02G1E20	1.08
1"	20	7.6	0	10	6	10	6	7	4	80	D	20	20	80×62×117	ZS1DF02N1G20	1.2
	20	7.6	0	10	6	10	6			120	D	20	20	80×62×117	ZS1DF02E1G20	1.2
	20	7.6	0	10	6	10	6	7	4	120	D	20	20	80×62×117	ZS1DF02V1G20	1.2
	20	7.6	0			3	3			120	D	20	20	80×62×117	ZS1DF02G1G20	1.2
	25	12	0	10	6	10	6	7	4	80	D	20	20	99×77×121	ZS1DF02N1G25	1.4
	25	12	0	10	6	10	6			120	D	20	20	99×77×121	ZS1DF02E1G25	1.4
	25	12	0	10	6	10	6	7	4	120	D	20	20	99×77×121	ZS1DF02V1G25	1.4
	25	12	0			3	3			120	D	20	20	99×77×121	ZS1DF02G1G25	1.4
1 1/4"	32	24	0	10	6	10	6	7	4	80	D	57	45	112×86.5×150	ZS1DF02N2H32	2.5
	32	24	0	10	6	10	6			120	D	57	45	112×86.5×150	ZS1DF02E2H32	2.5
	32	24	0	10	6	10	6	7	4	120	D	57	45	112×86.5×150	ZS1DF02V2H32	2.5
	32	24	0	10	6	10	6	7	4	80	D	57	45	112×86.5×150	ZS1DF02N1H32	2.7
	32	24	0	10	6	10	6			120	D	57	45	112×86.5×150	ZS1DF02E1H32	2.7
	32	24	0	10	6	10	6	7	4	120	D	57	45	112×86.5×150	ZS1DF02V1H32	2.7
1 1/2"	32	24	0	10	6	10	6	7	4	80	D	57	45	120×86.5×160	ZS1DF02N1J32	2.8
	32	24	0	10	6	10	6			120	D	57	45	120×86.5×160	ZS1DF02E1J32	2.8
	32	24	0	10	6	10	6	7	4	120	D	57	45	120×86.5×160	ZS1DF02V1J32	2.8
	40	29	0	10	6	10	6	7	4	80	D	57	45	123×94×160	ZS1DF02N2J40	2.9
	40	29	0	10	6	10	6			120	D	57	45	123×94×160	ZS1DF02E2J40	2.9
	40	29	0	10	6	10	6	7	4	120	D	57	45	123×94×160	ZS1DF02V2J40	2.9
	40	29	0	10	6	10	6	7	4	80	D	57	45	123×94×160	ZS1DF02N1J40	3.2
	40	29	0	10	6	10	6			120	D	57	45	123×94×160	ZS1DF02E1J40	3.2
	40	29	0	10	6	10	6	7	4	120	D	57	45	123×94×160	ZS1DF02V1J40	3.2
2"	40	29	0	10	6	10	6	7	4	80	D	57	45	130×94×175	ZS1DF02N1K40	3.8
	40	29	0	10	6	10	6			120	D	57	45	130×94×175	ZS1DF02E1K40	3.8
	40	29	0	10	6	10	6	7	4	120	D	57	45	130×94×175	ZS1DF02V1K40	3.8
	50	48	0	10	6	10	6	7	4	80	D	57	45	165×120×176	ZS1DF02N2K50	5.2
	50	48	0	10	6	10	6			120	D	57	45	165×120×176	ZS1DF02E2K50	5.2
	50	48	0	10	6	10	6	7	4	120	D	57	45	165×120×176	ZS1DF02V2K50	5.2
	50	48	0	10	6	10	6	7	4	80	D	57	45	165×120×176	ZS1DF02N1K50	5.4
	50	48	0	10	6	10	6			120	D	57	45	165×120×176	ZS1DF02E1K50	5.4
50	48	0	10	6	10	6	7	4	120	D	57	45	165×120×176	ZS1DF02V1K50	5.4	

ZS 2/2-way large diameter direct acting solenoid valve · normally closed

- 1: 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2: Body material: 304 stainless steel and 316 stainless steel
- 3: Fluids Temp: 0°C~120°C; Ambient Temp. 0°C~65°C
- 4: Serialized products, small in size, large flow rate, widely use
- 5: Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7: Coil can fix Germany Nass Coil, for orifice under DN25 only.
- 8: This series valves are offered NBR, VITON, EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
- 9: Coil can fix SM Coil below DN25. AC 220V/AC110V/AC24V/DC24V



External Dimensions Chart



Sanlixin Solenoid Valve

ZS 2/2-way large diameter direct acting solenoid valve · normally closed

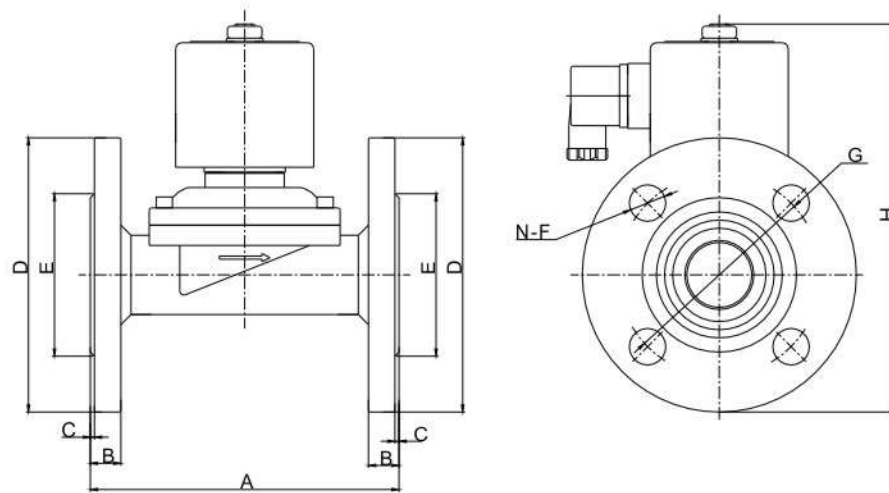
Valve Selection List (Female Thread)

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Temp. °C	Coil F Class Type	Power consumption		External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
			Min.	Max.						VA 220V			W DC 24V				
				Air Gas		Water Hot water Liquid		Light oil									
				AC	DC	AC	DC	AC	DC								
3/8"	16	4.8	0	10	6	10	6	7	4	80	D	20	20	69×57×106	ZS1DF02N4C16	0.85	
	16	4.8	0	10	6	10	6			120	D	20	20	69×57×106	ZS1DF02E4C16	0.85	
	16	4.8	0	10	6	10	6	7	4	120	D	20	20	69×57×106	ZS1DF02V4C16	0.85	
	16	4.8	0			3	3			120	D	20	20	69×57×106	ZS1DF02G4C16	0.85	
1/2"	16	4.8	0	10	6	10	6	7	4	80	D	20	20	69×57×106	ZS1DF02N4D16	0.8	
	16	4.8	0	10	6	10	6			120	D	20	20	69×57×106	ZS1DF02E4D16	0.8	
	16	4.8	0	10	6	10	6	7	4	120	D	20	20	69×57×106	ZS1DF02V4D16	0.8	
	16	4.8	0			3	3			120	D	20	20	69×57×106	ZS1DF02G4D16	0.8	
3/4"	20	7.6	0	10	6	10	6	7	4	80	D	20	20	73×57×114	ZS1DF02N4E20	1.1	
	20	7.6	0	10	6	10	6			120	D	20	20	73×57×114	ZS1DF02E4E20	1.1	
	20	7.6	0	10	6	10	6	7	4	120	D	20	20	73×57×114	ZS1DF02V4E20	1.1	
	20	7.6	0			3	3			120	D	20	20	73×57×114	ZS1DF02G4E20	1.1	
1"	20	7.6	0	10	6	10	6	7	4	80	D	20	20	80×62×117	ZS1DF02N4G20	1.20	
	20	7.6	0	10	6	10	6			120	D	20	20	80×62×117	ZS1DF02E4G20	1.20	
	20	7.6	0	10	6	10	6	7	4	120	D	20	20	80×62×117	ZS1DF02V4G20	1.20	
	20	7.6	0			3	3			120	D	20	20	80×62×117	ZS1DF02G4G20	1.20	
	25	12	0	10	6	10	6	7	4	80	D	20	20	99×77×121	ZS1DF02N4G25	1.45	
	25	12	0	10	6	10	6			120	D	20	20	99×77×121	ZS1DF02E4G25	1.45	
	25	12	0	10	6	10	6	7	4	120	D	20	20	99×77×121	ZS1DF02V4G25	1.45	
	25	12	0	10	6	3	3			120	D	20	20	99×77×121	ZS1DF02G4G25	1.45	
1 1/4"	32	24	0	10	6	10	6	7	4	80	D	57	45	112×86.5×150	ZS1DF02N4H32	2.3	
	32	24	0	10	6	10				120	D	57	45	112×86.5×150	ZS1DF02E4H32	2.3	
	32	24	0	10	6	10	6	7	4	120	D	57	45	112×86.5×150	ZS1DF02V4H32	2.3	
1 1/2"	32	24	0	10	6	10	6	7	4	80	D	57	45	120×86.5×160	ZS1DF02N4J32	2.6	
	32	24	0	10	6	10				120	D	57	45	120×86.5×160	ZS1DF02E4J32	2.6	
	32	24	0	10	6	10	6	7	4	120	D	57	45	120×86.5×160	ZS1DF02V4J32	2.6	
	40	29	0	10	6	10	6	7	4	80	D	57	45	123×94×160	ZS1DF02N4J40	2.9	
	40	29	0	10	6	10				120	D	57	45	123×94×160	ZS1DF02E4J40	2.9	
	40	29	0	10	6	10	6	7	4	120	D	57	45	123×94×160	ZS1DF02V4J40	2.9	
2"	40	29	0	10	6	10	6	7	4	80	D	57	45	130×94×175	ZS1DF02N4K40	3.5	
	40	29	0	10	6	10				120	D	57	45	130×94×175	ZS1DF02E4K40	3.5	
	40	29	0	10	6	10	6	7	4	120	D	57	45	130×94×175	ZS1DF02V4K40	3.5	
	50	48	0	10	6	10	6	7	4	80	D	57	45	165×123×176	ZS1DF02N4K50	4.8	
	50	48	0	10	6	10				120	D	57	45	165×123×176	ZS1DF02E4K50	4.8	
	50	48	0	10	6	10	6	7	4	120	D	57	45	165×123×176	ZS1DF02V4K50	4.8	

ZS 2/2-way large diameter direct acting solenoid valve · normally closed



External Dimensions (Flange Type)



Model	A	B	C	ΦD	ΦE	N-ΦF	ΦG	H
ZS-15BF	106	12	2	95	45	4-14	65	138
ZS-20BF	106	12	2	102	56	4-14	75	141
ZS-25BF	140	14	2	115	62	4-14	85	160
ZS-32BF	152	15	2	135	76	4-18	100	215
ZS-40BF	152	15	2	145	84	4-18	110	215
ZS-50BF	195	16	2	160	98	4-18	125	220
ZS-65BF	250	19	3	185	118	4-18	145	308
ZS-80BF	270	19	3	202	134	4-18	160	320
ZS-100BF	340	21	3	220	162	8-18	180	345



Sanlixin Solenoid Valve

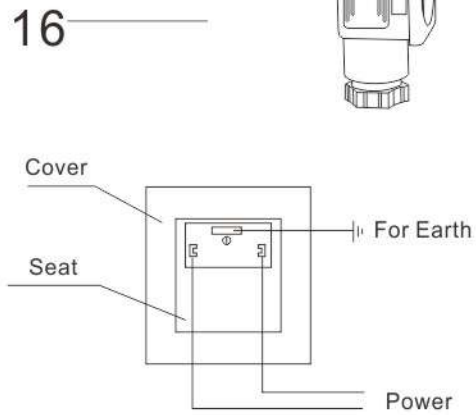
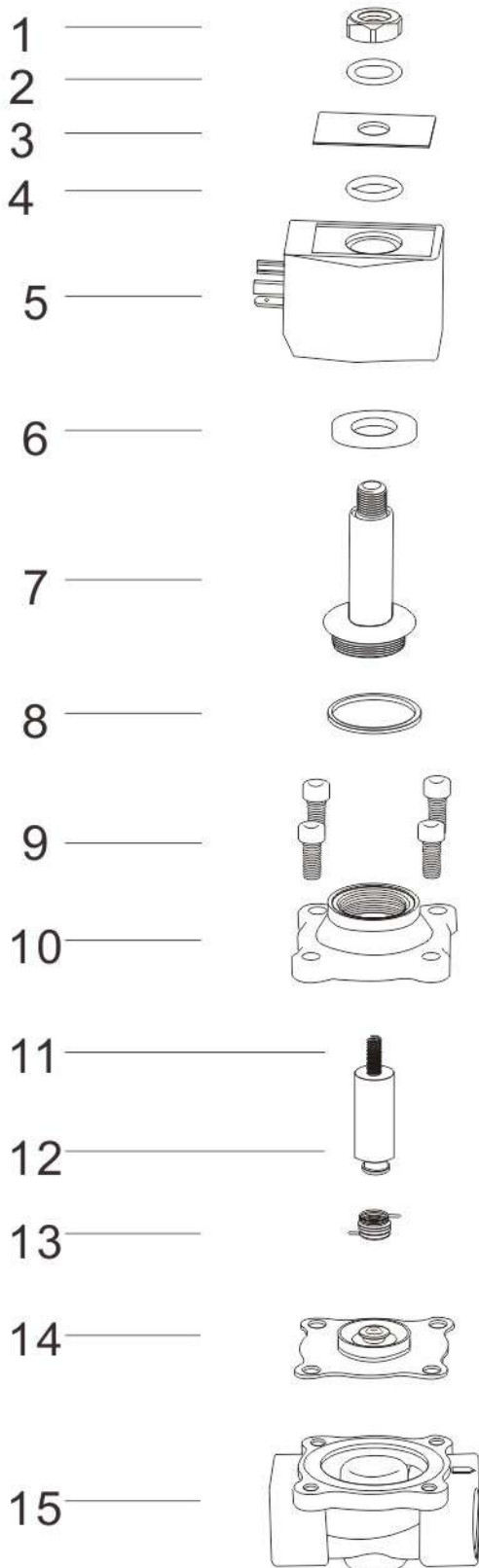
ZS 2/2-way large diameter direct acting solenoid valve · normally closed

Valve Selection List(Flange)

Orifice mm	CV Factor	Operating pressure differential (Kgf/cm ²)							Max. Fluids Temp.	Coil F Class Type	Power		Model Code 220VAC 50/60HZ	Weight (KG)
		Min.	Max.								VA AC 220 V	W DC 24 V		
			Air Gas		Water Hot water Liquids		Light oil							
			AC	DC	AC	DC	AC	DC						
15	4.8	0	10	6	10	6	7	4	80	D	20	20	ZS1DF02N4F15	1.8
15	4.8	0	10	6	10	6			120	D	20	20	ZS1DF02E4F15	1.8
15	4.8	0	10	6	10	6	7	4	120	D	20	20	ZS1DF02V4F15	1.8
20	7.6	0	10	6	10	6	7	4	80	D	20	20	ZS1DF02N4F20	2.0
20	7.6	0	10	6	10	6			120	D	20	20	ZS1DF02E4F20	2.0
20	7.6	0	10	6	10	6	7	4	120	D	20	20	ZS1DF02V4F20	2.0
25	12	0	10	6	10	6	7	4	80	D	20	20	ZS1DF02N4F25	2.9
25	12	0	10	6	10	6			120	D	20	20	ZS1DF02E4F25	2.9
25	12	0	10	6	10	6	7	4	120	D	20	20	ZS1DF02V4F25	2.9
32	24	0	10	6	10	6	7	4	80	A	57	45	ZS1AF02N4F32	5.1
32	24	0	10	6	10	6			120	A	57	45	ZS1AF02E4F32	5.1
32	24	0	10	6	10	6	7	4	120	A	57	45	ZS1AF02V4F32	5.1
40	29	0	10	6	10	6	7	4	80	A	57	45	ZS1AF02N4F40	6.1
40	29	0	10	6	10	6			120	A	57	45	ZS1AF02E4F40	6.1
40	29	0	10	6	10	6	7	4	120	A	57	45	ZS1AF02V4F40	6.1
50	48	0	10	6	10	6	7	4	80	A	57	45	ZS1AF02N4F50	8.2
50	48	0	10	6	10	6			120	A	57	45	ZS1AF02E4F50	8.2
50	48	0	10	6	10	6	7	4	120	A	57	45	ZS1AF02V4F50	8.2
65	75	0	6	5	6	5	3	2	80	A	82	96	ZS1AF02N4F65	15.2
65	75	0	6	5	6	5			120	A	82	96	ZS1AF02E4F65	15.2
65	75	0	6	5	6	5	3	2	120	A	82	96	ZS1AF02V4F65	15.2
80	90	0	6	5	6	5	3	2	80	A	82	96	ZS1AF02N4F80	18
80	90	0	6	5	6	5			120	A	82	96	ZS1AF02E4F80	18
80	90	0	6	5	6	5	3	2	120	A	82	96	ZS1AF02V4F80	18
100	160	0	6	5	6	5	3	2	80	A	82	96	ZS1AF02N4F100	23.5
100	160	0	6	5	6	5			120	A	82	96	ZS1AF02E4F100	23.5
100	160	0	6	5	6	5	3	2	120	A	82	96	ZS1AF02V4F100	23.5

ZS 2/2-way large diameter direct acting solenoid valve · normally closed

Components Chart



Solenoid Valve Wiring Chart

Code	Components
01	Locknut
02	Gasket
03	Label
04	O Ring
05	Coil
06	Plate
07	Plunger Tube Assembly
08	Plunger Tube Seal Ring
09	Bolts
10	Valve Cover
11	Plunger Spring
12	Plunger Assembly
13	Diaphragm Spring
14	Diaphragm Assembly
15	Valve Body
16	Plug

Sanlixin Solenoid Valve

ZS plastic series 2/2-way zero press differential solenoid valve · normally closed

- 1:** 2-Way normally closed solenoids valve. Closed when de-energized, open when energized
- 2:** Body material: Nylon
- 3:** Max pressure: 10bar Ambient temp 0-65°C
- 4:** Serialized products, small in size, large flow rate
- 5:** Voltage:AC 220V/230V/240V/110V/24V/12V Voltage tolerance:-10% ~ +10%
- 6:** Diaphragm seals: NBR, VITON, EPDM, SILICA GEL
- 7:** Plastic body: Its advantages are low cost, light, good appearance and easy to install. Consult factory for other size.
- 8:** The size below Dn25, coil can fix SM Coil.
AC 220V/AC110V/AC24V/DC24V



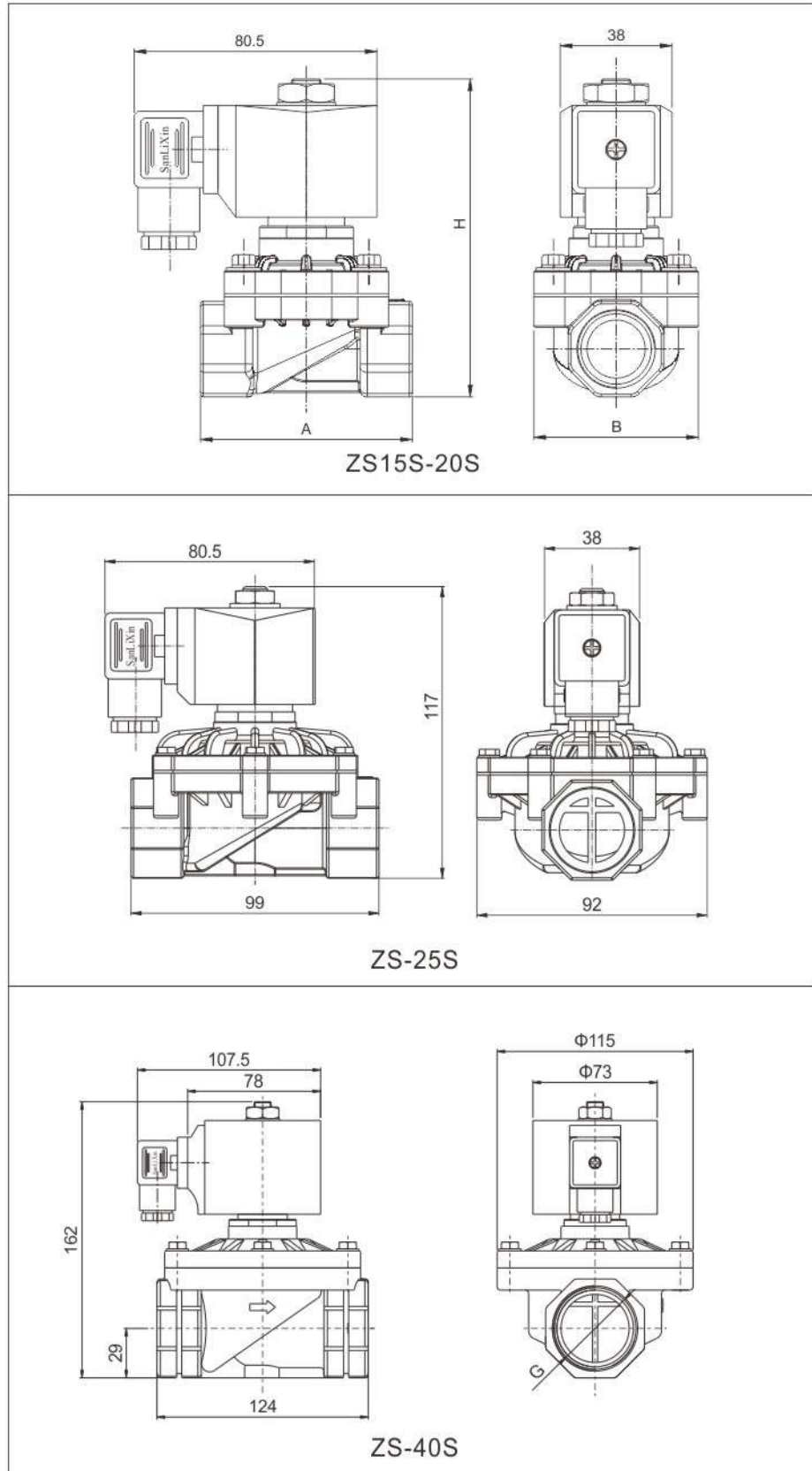
Valve Selection List

Pipe Size	Orifice mm	Operating pressure differential (kgf/cm ²)						Max. Fluids Temp. °C	Coil F Class	Power		External Dimensions Length x Width x Height A x B x H	Model Code 220VAC 50/60HZ	Weight (KG)	
		CV Factor	Min.	Max.						Type	VA AC 220 V				W DC 24 V
				Air		Water Hot water Liquids									
				AC	DC	AC	DC								
1/2"	15	4.8	0	8	6	8	6	80	D	20	20	69×57×106	ZS1DF02N7D15	0.4	
	15	4.8	0	8	6	8	6	80	D	20	20	69×57×106	ZS1DF02E7D15	0.4	
	15	4.8	0	8	6	8	6	80	D	20	20	69×57×106	ZS1DF02V7D15	0.4	
	15	4.8	0			3	3	80	D	20	20	69×57×106	ZS1DF02G7D15	0.4	
3/4"	20	7.6	0	8	6	8	6	80	D	20	20	73×57×114	ZS1DF02N7E20	0.45	
	20	7.6	0	8	6	8	6	80	D	20	20	73×57×114	ZS1DF02E7E20	0.45	
	20	7.6	0	8	6	8	6	80	D	20	20	73×57×114	ZS1DF02V7E20	0.45	
	20	7.6	0			3	3	80	D	20	20	73×57×114	ZS1DF02G7E20	0.45	
1"	25	12	0	8	6	8	6	80	D	20	20	99×92×117	ZS1DF02N7G25	0.52	
	25	12	0	8	6	8	6	80	D	20	20	99×92×117	ZS1DF02E7G25	0.52	
	25	12	0	8	6	8	6	80	D	20	20	99×92×117	ZS1DF02V7G25	0.52	
	25	12	0			3	3	80	D	20	20	99×92×117	ZS1DF02G7G25	0.52	
1 1/2"	40	29	0	6	6	6	6	80	D	57	45	124×115×162	ZS1DF02N7J40	1.9	
	40	29	0	6	6	6	6	80	D	57	45	124×115×162	ZS1DF02E7J40	1.9	
	40	29	0	6	6	6	6	80	D	57	45	124×115×162	ZS1DF02V7J40	1.9	



ZS plastic series 2/2-way zero press differential solenoid valve · normally closed

External Dimensions



Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve · normally open

1: 2-Way normally open solenoid valve, open when de-energized, Closed when energized.

2: Body material: brass

3: Working pressure: 0~13kgf/cm²; Ambient Temp. 0°C~65°C

4: Serialized products, small in size, large flow rate, widely use.

5: Flow as the arrow, mounts in any position;
Best position is Solenoid vertical and upright direction.

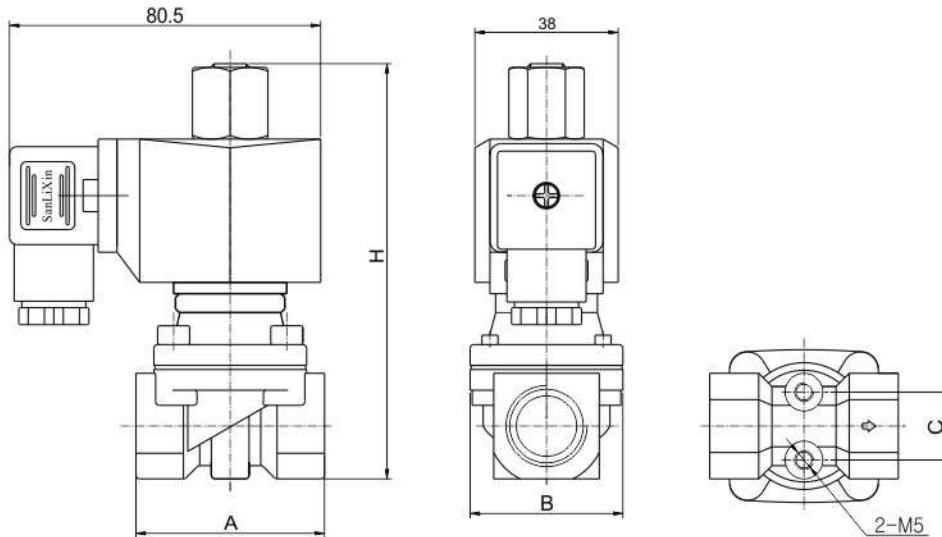
6: Voltage: AC110V/220V/230V/240V/ 50/60Hz DC24V/12V

Voltage Tolerance: +10% to -10% applicable voltage

7: This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.



External Dimensions



Orifice(mm)	Pipe size G	A	B	C	H
Φ10	1/4"	50	40.5	18	110
	3/8"	50	40.5	18	110
	1/2"	50	40.5	18	110
Φ13	3/8"	55	43	18	110
	1/2"	55	43	18	110
Φ16	1/2"	60	49	25	117
	3/4"	60	49	25	117
Φ20	3/4"	72	60	28	125
	1"	72	60	28	125



ZS 2/2-way direct acting solenoid valve · normally open

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC	Weight (kg)
			Min.	Max.					VA	W			
				Air Gas	Water Hot water	Light oil			AC 220V	DC 24V			
1/4"	10	1.9	0	13	13	8	80	D	20	20	F	ZS2DF02N9B10	0.7
	10	1.9	0	13	13		120	D	20	20	F	ZS2DF02E9B10	
	10	1.9	0	13	13	8	120	D	20	20	F	ZS2DF02V9B10	
3/8"	10	2.4	0	13	13	8	80	D	20	20	F	ZS2DF02N9C10	0.68
	10	2.4	0	13	13		120	D	20	20	F	ZS2DF02E9C10	
	10	2.4	0	13	13	8	120	D	20	20	F	ZS2DF02V9C10	
	13	3.1	0	13	13	8	80	D	20	20	F	ZS2DF02N9C13	0.7
	13	3.1	0	13	13		120	D	20	20	F	ZS2DF02E9C13	
	13	3.1	0	13	13	8	120	D	20	20	F	ZS2DF02V9C13	
1/2"	10	2.4	0	13	13	8	80	D	20	20	F	ZS2DF02N9D10	0.67
	10	2.4	0	13	13		120	D	20	20	F	ZS2DF02E9D10	
	10	2.4	0	13	13	8	120	D	20	20	F	ZS2DF02V9D10	
	13	3.1	0	13	13	8	80	D	20	20	F	ZS2DF02N9D13	0.69
	13	3.1	0	13	13		120	D	20	20	F	ZS2DF02E9D13	
	13	3.1	0	13	13	8	120	D	20	20	F	ZS2DF02V9D13	
	16	4.0	0	12	12	8	80	D	20	20	F	ZS2DF02N9D15	0.95
	16	4.0	0	12	12		120	D	20	20	F	ZS2DF02E9D15	
	16	4.0	0	12	12	8	120	D	20	20	F	ZS2DF02V9D15	
3/4"	16	4.0	0	12	12	8	80	D	20	20	F	ZS2DF02N9E15	0.94
	16	4.0	0	12	12		120	D	20	20	F	ZS2DF02E9E15	
	16	4.0	0	12	12	8	120	D	20	20	F	ZS2DF02V9E15	
	20	5.6	0	10	10	8	80	D	20	20	F	ZS2DF02N9E19	1.24
	20	5.6	0	10	10		120	D	20	20	F	ZS2DF02E9E19	
	20	5.6	0	10	10	8	120	D	20	20	F	ZS2DF02V9E19	
1"	20	5.6	0	10	10	8	80	D	20	20	F	ZS2DF02N9G19	1.14
	20	5.6	0	10	10		120	D	20	20	F	ZS2DF02E9G19	
	20	5.6	0	10	10	8	120	D	20	20	F	ZS2DF02V9G19	

Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve · normally open

1: 2-Way normally open solenoid valve, open when de-energized, Closed when energized.

2: Body material: Stainless steel (SS304)

3: Working pressure: 0~13kgf/cm²; Ambient Temp. 0°C~65°C

4: Serialized products, small in size, large flow rate, widely use.

5: Flow as the arrow, mounts in any position;
Best position is Solenoid vertical and upright direction.

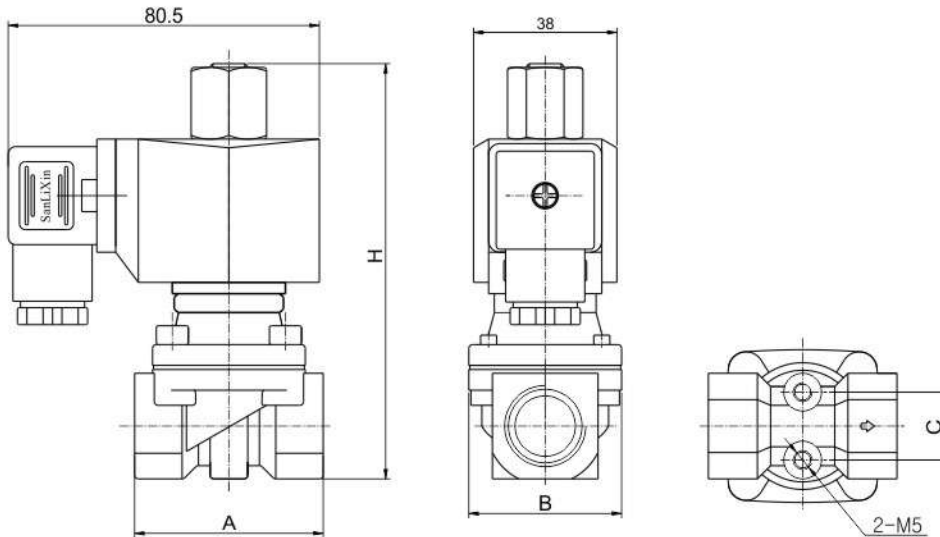
6: Voltage: AC110V/220V/230V/240V/ 50/60Hz DC24V/12V

Voltage Tolerance: +10% to -10% applicable voltage

7: This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.



External Dimensions



Orifice(mm)	Pipe size G	A	B	C	H
Φ 10	1/4"	50	40.5	18	110
	3/8"	50	40.5	18	110
	1/2"	50	40.5	18	110
Φ 13	3/8"	55	43	18	110
	1/2"	55	43	18	110
Φ 16	1/2"	60	49	25	117
	3/4"	60	49	25	117
Φ 20	3/4"	72	60	28	125
	1"	72	60	28	125

ZS 2/2-way direct acting solenoid valve · normally open

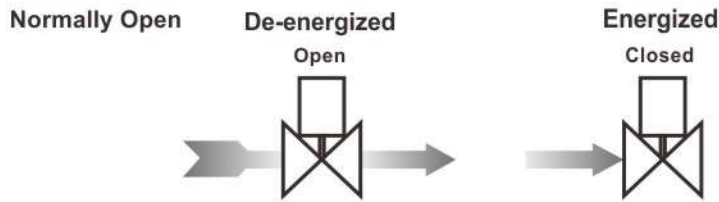
Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC	Weight (kg)
			Min.	Max.					VA	W			
				Air Gas	Water Hot water	Light oil			AC 220V	DC 24V			
1/4"	10	1.9	0	13	13	8	80	D	20	20	F	ZS2DF02N4B10	0.7
	10	1.9	0	13	13		120	D	20	20	F	ZS2DF02E4B10	
	10	1.9	0	13	13	8	120	D	20	20	F	ZS2DF02V4B10	
3/8"	10	2.4	0	13	13	8	80	D	20	20	F	ZS2DF02N4C10	0.68
	10	2.4	0	13	13		120	D	20	20	F	ZS2DF02E4C10	
	10	2.4	0	13	13	8	120	D	20	20	F	ZS2DF02V4C10	
	13	3.1	0	13	13	8	80	D	20	20	F	ZS2DF02N4C13	0.7
	13	3.1	0	13	13		120	D	20	20	F	ZS2DF02E4C13	
	13	3.1	0	13	13	8	120	D	20	20	F	ZS2DF02V4C13	
1/2"	10	2.4	0	13	13	8	80	D	20	20	F	ZS2DF02N4D10	0.67
	10	2.4	0	13	13		120	D	20	20	F	ZS2DF02E4D10	
	10	2.4	0	13	13	8	120	D	20	20	F	ZS2DF02V4D10	
	13	3.1	0	13	13	8	80	D	20	20	F	ZS2DF02N4D13	0.69
	13	3.1	0	13	13		120	D	20	20	F	ZS2DF02E4D13	
	13	3.1	0	13	13	8	120	D	20	20	F	ZS2DF02V4D13	
	16	4.0	0	12	12	8	80	D	20	20	F	ZS2DF02N4D15	0.9
	16	4.0	0	12	12		120	D	20	20	F	ZS2DF02E4D15	
	16	4.0	0	12	12	8	120	D	20	20	F	ZS2DF02V4D15	
3/4"	16	4.0	0	12	12	8	80	D	20	20	F	ZS2DF02N4E15	0.88
	16	4.0	0	12	12		120	D	20	20	F	ZS2DF02E4E15	
	16	4.0	0	12	12	8	120	D	20	20	F	ZS2DF02V4E15	
	20	5.6	0	10	10	8	80	D	20	20	F	ZS2DF02N4E19	1.15
	20	5.6	0	10	10		120	D	20	20	F	ZS2DF02E4E19	
	20	5.6	0	10	10	8	120	D	20	20	F	ZS2DF02V4E19	
1"	20	5.6	0	10	10	8	80	D	20	20	F	ZS2DF02N4G19	1.05
	20	5.6	0	10	10		120	D	20	20	F	ZS2DF02E4G19	
	20	5.6	0	10	10	8	120	D	20	20	F	ZS2DF02V4G19	

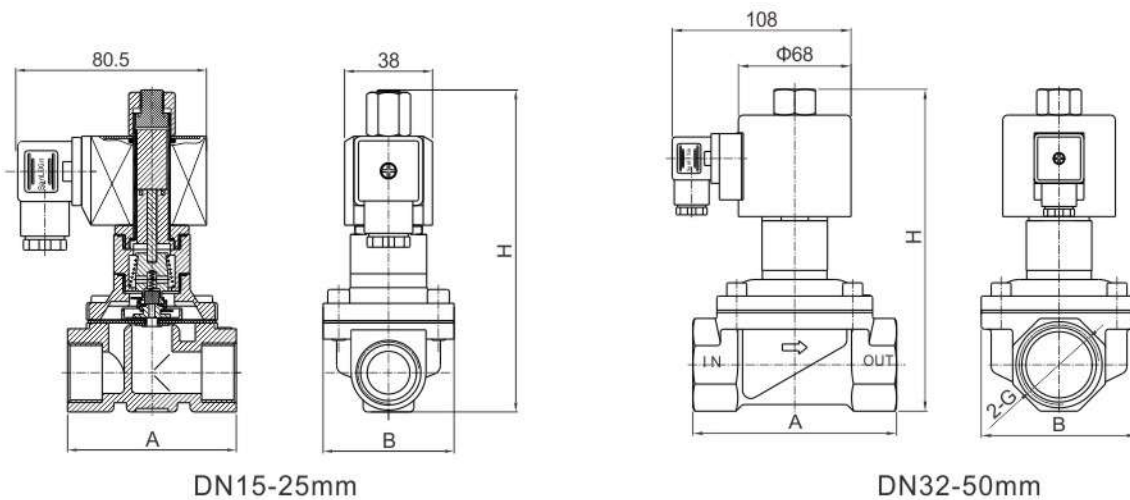
Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve · normally open

- 1:** 2-Way normally open solenoid valve, open when de-energized, Closed when energized.
- 2:** Body material: brass
- 3:** Max. Allowable pressure 10kgf/cm²; Ambient Temp. 0°C~65°C
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60Hz 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7:** This series valves are offered NBR, VITON, EPDM etc for Seals and diaphragm to provide on-off control of various fluids.



Construction, External Dimensions Chart





ZS 2/2-way direct acting solenoid valve · normally open

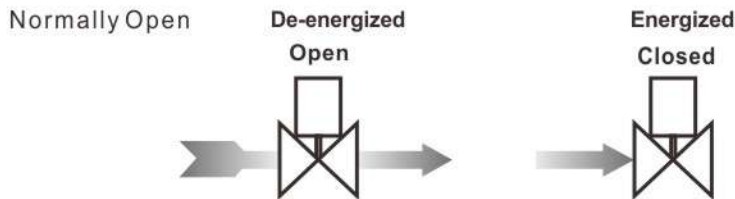
Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Fluids Temp.	Coil Type	Power consumption		External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
			Min.	Max.								F Class	VA				W
				Air Gas		Water Hot water Liquids		Light oil ≤20CST									
				AC	DC	AC	DC	AC	DC								
3/8"	4.0	0.6	0	4	4	4	4	3	3	80	D	33	20	52.5×32.5×115	ZS2DF02N1C04	0.7	
	4.0	0.6	0	4	4	4	4			120	D	33	20	52.5×32.5×115	ZS2DF02E1C04	0.7	
	4.0	0.6	0	4	4	4	4	3	3	120	D	33	20	52.5×32.5×115	ZS2DF02V1C04	0.7	
	16	4.8	0	5	5	5	5	3	3	80	D	33	20	69×57×106	ZS2DF02N1C16	1.2	
	16	4.8	0	5	5	5	5			120	D	33	20	69×57×106	ZS2DF02E1C16	1.2	
	16	4.8	0	5	5	5	5	3	3	120	D	33	20	69×57×106	ZS2DF02V1C16	1.2	
1/2"	16	4.8	0	5	5	5	5	3	3	80	D	33	20	69×57×135	ZS2DF02N1D16	1.15	
	16	4.8	0	5	5	5	5			120	D	33	20	69×57×135	ZS2DF02E1D16	1.15	
	16	4.8	0	5	5	5	5	3	3	120	D	33	20	69×57×135	ZS2DF02V1D16	1.15	
3/4"	20	7.6	0	5	5	5	5	3	3	80	D	33	20	73×57×142	ZS2DF02N1E20	1.25	
	20	7.6	0	5	5	5	5			120	D	33	20	73×57×142	ZS2DF02E1E20	1.25	
	20	7.6	0	5	5	5	5	3	3	120	D	33	20	73×57×142	ZS2DF02V1E20	1.25	
1"	20	7.6	0	5	5	5	5	3	3	80	D	33	20	80×62×145	ZS2DF02N1G20	1.35	
	20	7.6	0	5	5	5	5			120	D	33	20	80×62×145	ZS2DF02E1G20	1.35	
	20	7.6	0	5	5	5	5	3	3	120	D	33	20	80×62×145	ZS2DF02V1G20	1.35	
	25	12	0	5	5	5	5	3	3	80	D	33	20	99×77.5×150	ZS2DF02N1G25	1.7	
	25	12	0	5	5	5	5			120	D	33	20	99×77.5×150	ZS2DF02E1G25	1.7	
	25	12	0	5	5	5	5	3	3	120	D	33	20	99×77.5×150	ZS2DF02V1G25	1.7	
1 1/4"	32	24	0	5	5	5	5	3	3	80	D	70	55	112×86.5×180	ZS2AF02N2H32	2.75	
	32	24	0	5	5	5	5			120	D	70	55	112×86.5×180	ZS2AF02E2H32	2.75	
	32	24	0	5	5	5	5	3	3	120	D	70	55	112×86.5×180	ZS2AF02V2H32	2.75	
	32	24	0	5	5	5	5	3	3	80	D	70	55	112×86.5×180	ZS2AF02N1H32	2.9	
	32	24	0	5	5	5	5			120	D	70	55	112×86.5×180	ZS2AF02E1H32	2.9	
	32	24	0	5	5	5	5	3	3	120	D	70	55	112×86.5×180	ZS2AF02V1H32	2.9	
1 1/2"	32	24	0	5	5	5	5	3	3	80	D	70	55	120×86.5×190	ZS2AF02N1J32	3.0	
	32	24	0	5	5	5	5			120	D	70	55	120×86.5×190	ZS2AF02E1J32	3.0	
	32	24	0	5	5	5	5	3	3	120	D	70	55	120×86.5×190	ZS2AF02V1J32	3.0	
	40	29	0	5	5	5	5	3	3	80	D	70	55	123×94×190	ZS2AF02N2J40	3.15	
	40	29	0	5	5	5	5			120	D	70	55	123×94×190	ZS2AF02E2J40	3.15	
	40	29	0	5	5	5	5	3	3	120	D	70	55	123×94×190	ZS2AF02V2J40	3.15	
	40	29	0	5	5	5	5	3	3	80	D	70	55	123×94×190	ZS2AF02N1J40	3.2	
	40	29	0	5	5	5	5			120	D	70	55	123×94×190	ZS2AF02E1J40	3.2	
	40	29	0	5	5	5	5	3	3	120	D	70	55	123×94×190	ZS2AF02V1J40	3.2	
2"	40	29	0	5	5	5	5	3	3	80	D	70	55	130×94×208	ZS2AF02N1K40	3.8	
	40	29	0	5	5	5	5			120	D	70	55	130×94×190	ZS2AF02E1K40	3.8	
	40	29	0	5	5	5	5	3	3	120	D	70	55	130×94×190	ZS2AF02V1K40	3.8	
	50	48	0	5	5	5	5	3	3	80	D	70	55	168×120×209	ZS2AF02N2K50	5.4	
	50	48	0	5	5	5	5			120	D	70	55	168×120×209	ZS2AF02E2K50	5.4	
	50	48	0	5	5	5	5	3	3	120	D	70	55	168×120×209	ZS2AF02V2K50	5.4	
	50	48	0	5	5	5	5	3	3	80	D	70	55	168×120×209	ZS2AF02N1K50	5.6	
	50	48	0	5	5	5	5			120	D	70	55	168×120×209	ZS2AF02E1K50	5.6	
50	48	0	5	5	5	5	3	3	120	D	70	55	168×120×209	ZS2AF02V1K50	5.6		

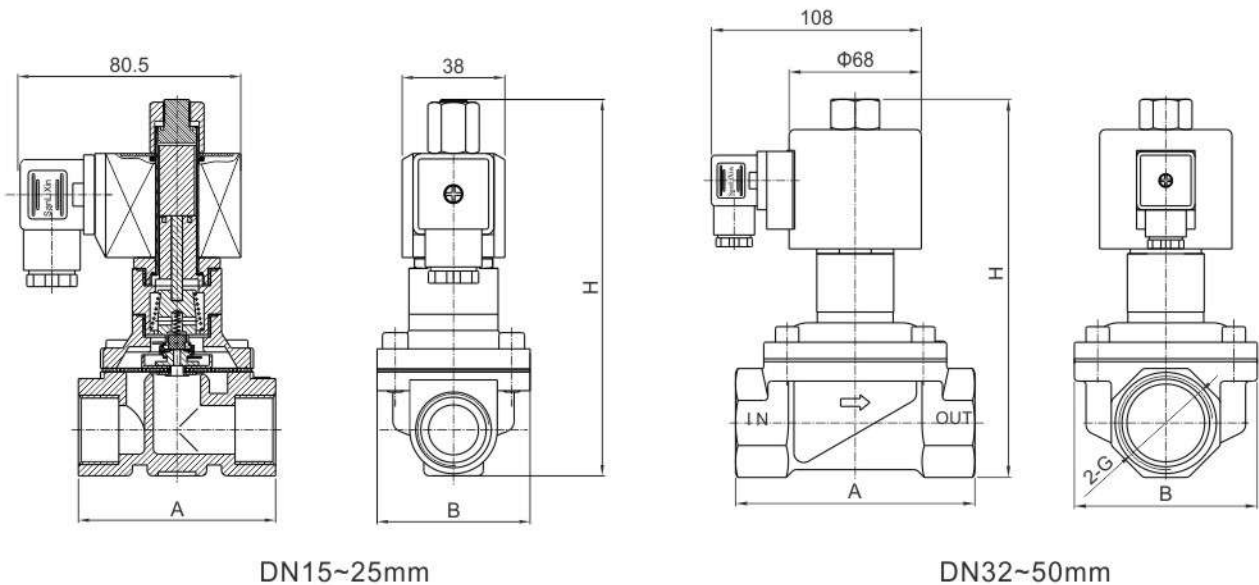
Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve · normally open

- 1:** 2-Way normally open solenoid valve, open when de-energized, Closed when energized.
- 2:** Body material: SS304 (standard). SS316 (special made)
- 3:** Max. Allowable pressure 10kgf/cm²; Ambient Temp. 0°C~65°C
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60Hz 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7:** This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.



Construction, External Dimensions Chart





ZS 2/2-way direct acting solenoid valve · normally open

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Fluids Temp.	Coil Type	Power consumption		External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
			Min.	Max.								F Class	VA				W
				Air Gas		Water Hot water Liquids		Light oil ≤20CST									
				AC	DC	AC	DC	AC	DC								
3/8"	4.0	0.6	0	4	4	4	4	3	3	80	D	33	20	53.5×32.5×115	ZS2DF02N4C04	0.7	
	4.0	0.6	0	4	4	4	4			120	D	33	20	53.5×32.5×115	ZS2DF02E4C04	0.7	
	4.0	0.6	0	4	4	4	4	3	3	120	D	33	20	53.5×32.5×115	ZS2DF02V4C04	0.7	
	16	4.8	0	5	5	5	5	3	3	80	D	33	20	69×57×135	ZS2DF02N4C16	1.1	
	16	4.8	0	5	5	5	5			120	D	33	20	69×57×135	ZS2DF02E4C16	1.1	
	16	4.8	0	5	5	5	5	3	3	120	D	33	20	69×57×135	ZS2DF02V4C16	1.1	
1/2"	16	4.8	0	5	5	5	5	3	3	80	D	33	20	69×57×135	ZS2DF02N4D16	1.05	
	16	4.8	0	5	5	5	5			120	D	33	20	69×57×135	ZS2DF02E4D16	1.05	
	16	4.8	0	5	5	5	5	3	3	120	D	33	20	69×57×135	ZS2DF02V4D16	1.05	
3/4"	20	7.6	0	5	5	5	5	3	3	80	D	33	20	73×57×142	ZS2DF02N4E20	1.2	
	20	7.6	0	5	5	5	5			120	D	33	20	73×57×142	ZS2DF02E4E20	1.2	
	20	7.6	0	5	5	5	5	3	3	120	D	33	20	73×57×142	ZS2DF02V4E20	1.2	
1"	20	7.6	0	5	5	5	5	3	3	80	D	33	20	80×62×145	ZS2DF02N4G20	1.3	
	20	7.6	0	5	5	5	5			120	D	33	20	80×62×145	ZS2DF02E4G20	1.3	
	20	7.6	0	5	5	5	5	3	3	120	D	33	20	80×62×145	ZS2DF02V4G20	1.3	
	25	12	0	5	5	5	5	3	3	80	D	33	20	99×77.5×150	ZS2DF02N4G25	1.6	
	25	12	0	5	5	5	5			120	D	33	20	99×77.5×150	ZS2DF02E4G25	1.6	
	25	12	0	5	5	5	5	3	3	120	D	33	20	99×77.5×150	ZS2DF02V4G25	1.6	
1-1/4"	32	24	0	5	5	5	5	3	3	80	D	70	55	112×86.5×180	ZS2AF02N4H32	2.9	
	32	24	0	5	5	5	5			120	D	70	55	112×86.5×180	ZS2AF02E4H32	2.9	
	32	24	0	5	5	5	5	3	3	120	D	70	55	112×86.5×180	ZS2AF02V4H32	2.9	
1-1/2"	32	24	0	5	5	5	5	3	3	80	D	70	55	120×86.5×190	ZS2AF02N4J32	3.2	
	32	24	0	5	5	5	5			120	D	70	55	120×86.5×190	ZS2AF02E4J32	3.2	
	32	24	0	5	5	5	5	3	3	120	D	70	55	120×86.5×190	ZS2AF02V4J32	3.2	
	40	29	0	5	5	5	5	3	3	80	D	70	55	123×94×190	ZS2AF02N4J40	3.2	
	40	29	0	5	5	5	5			120	D	70	55	123×94×190	ZS2AF02E4J40	3.2	
	40	29	0	5	5	5	5	3	3	120	D	70	55	123×94×190	ZS2AF02V4J40	3.2	
2"	40	29	0	5	5	5	5	3	3	80	D	70	55	130×94×208	ZS2AF02N4K40	3.8	
	40	29	0	5	5	5	5			120	D	70	55	130×94×208	ZS2AF02E4K40	3.8	
	40	29	0	5	5	5	5	3	3	120	D	70	55	130×94×208	ZS2AF02V4K40	3.8	
	50	48	0	5	5	5	5	3	3	80	D	70	55	168×123×209	ZS2AF02N4K50	5.2	
	50	48	0	5	5	5	5			120	D	70	55	168×123×209	ZS2AF02E4K50	5.2	
	50	48	0	5	5	5	5	3	3	120	D	70	55	168×123×209	ZS2AF02V4K50	5.2	

Sanlixin Solenoid Valve

ZS 2/2-way direct acting solenoid valve · normally open

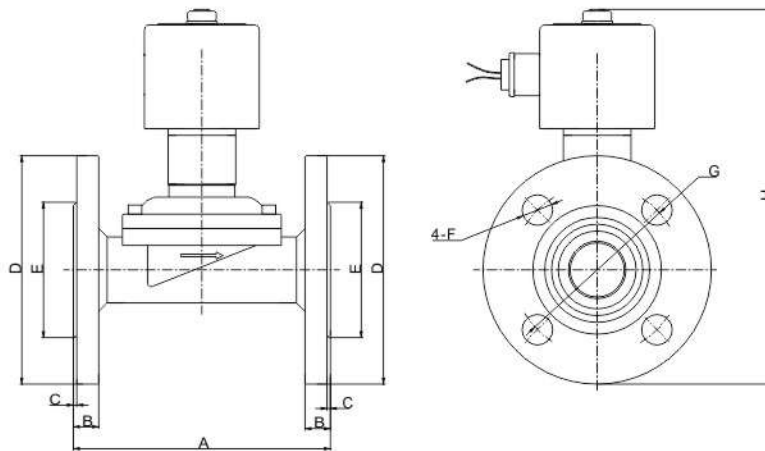


Valve Selection List (Flange)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Fluids Temp.	Coil F Class Type	Power consumption		Model Code 220VAC 50/60HZ	Weight (KG)
		Min.	Max.						VA AC 220 V			W DC 24 V			
			Air Gas		Water Hot water Liquids		Light oil								
			AC	DC	AC	DC	AC	DC							
15	4.8	0	5	5	5	5	3	3	80	D	33	20	ZS2DF02N4F15	1.95	
15	4.8	0	5	5	5	5			120	D	33	20	ZS2DF02E4F15	1.95	
15	4.8	0	5	5	5	5	3	3	120	D	33	20	ZS2DF02V4F15	1.95	
20	7.6	0	5	5	5	5	3	3	80	D	33	20	ZS2DF02N4F20	2.15	
20	7.6	0	5	5	5	5			120	D	33	20	ZS2DF02E4F20	2.15	
20	7.6	0	5	5	5	5	3	3	120	D	33	20	ZS2DF02V4F20	2.15	
25	12	0	5	5	5	5	3	3	80	D	33	20	ZS2DF02N4F25	3.05	
25	12	0	5	5	5	5			120	D	33	20	ZS2DF02E4F25	3.05	
25	12	0	5	5	5	5	3	3	120	D	33	20	ZS2DF02V4F25	3.05	
32	24	0	5	5	5	5	3	3	80	D	70	55	ZS2AF02N4F32	5.4	
32	24	0	5	5	5	5			120	D	70	55	ZS2AF02E4F32	5.4	
32	24	0	5	5	5	5	3	3	120	D	70	55	ZS2AF02V4F32	5.4	
40	29	0	5	5	5	5	3	3	80	D	70	55	ZS2AF02N4F40	6.4	
40	29	0	5	5	5	5			120	D	70	55	ZS2AF02E4F40	6.4	
40	29	0	5	5	5	5	3	3	120	D	70	55	ZS2AF02V4F40	6.4	
50	48	0	5	5	5	5	3	3	80	D	70	55	ZS2AF02N4F50	8.6	
50	48	0	5	5	5	5			120	D	70	55	ZS2AF02E4F50	8.6	
50	48	0	5	5	5	5	3	3	120	D	70	55	ZS2AF02V4F50	8.6	

ZS 2/2-way direct acting solenoid valve · normally open

External Dimensions (Flange Series)



Model	A	B	C	φ D	φ E	φ F	φ G	H
ZS-15BHF	106	12	2	95	45	4-14	65	162
ZS-20BHF	106	12	2	102	56	4-14	75	165
ZS-25BHF	140	14	2	115	62	4-14	85	180
ZS-32BHF	152	15	2	135	76	4-18	100	235
ZS-40BHF	152	15	2	145	84	4-18	110	240
ZS-50BHF	195	16	2	160	98	4-18	125	255

Sanlixin Solenoid Valve

ZS plastic series 2/2-way zero press differential solenoid valve · normally open

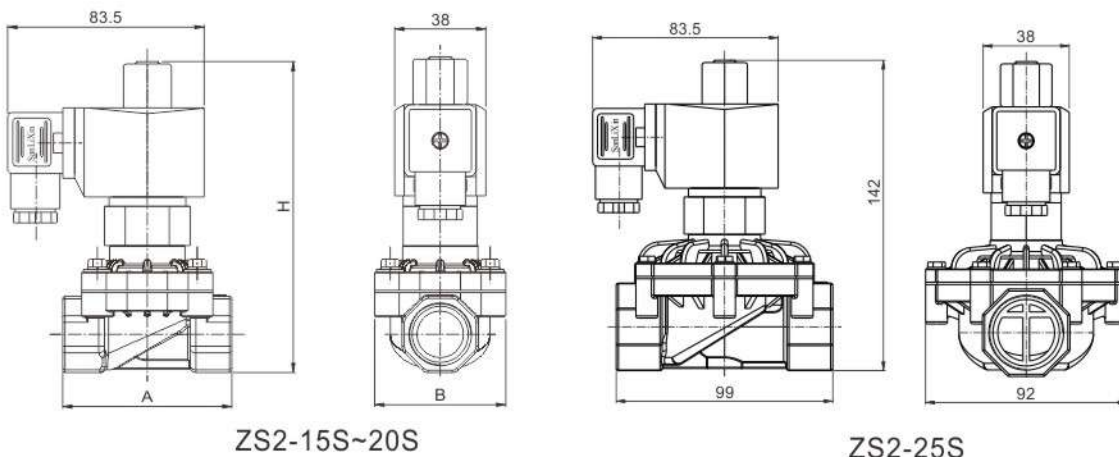
- 1: 2/2 -Way normally open solenoids valve.
- 2: Open when de-energized, closed when energized
- 3: Body material: Nylon
- 4: Max pressure: 10bar Ambient temp 0-65°C
- 5: Serialized products, small in size, large flow rate
- 6: Voltage: AC 220V/230V/240V/110V/24V/12V
- 7: Voltage tolerance: -10% ~ +10%
- 8: Diaphragm seals: NBR, VITON, EPDM, SILICAGEL
- 9: Plastic body: Its advantages are low cost, light, good appearance and easy to install. Consult factory for other size.



Valve Selection List

Pipe Size	Orifice mm	Operating pressure differential (kgf/cm ²)						Max. Fluids Temp. °C	Coil		Power		External Dimensions Length x Width x Height A x B x H	Model Code 220VAC 50/60HZ	Weight (KG)		
		CV Factor	Min.	Max.					F Class	VA	W						
				Air		Water Hot water Liquids						Type				AC 220 V	DC 24 V
				AC	DC	AC	DC										
1/2"	15	4.8	0	5	5	5	5	80	D	33	20	69×57×133	ZS2DF02N7D15	0.6			
	15	4.8	0	5	5	5	5	80	D	33	20	69×57×133	ZS2DF02E7D15	0.6			
	15	4.8	0	5	5	5	5	80	D	33	20	69×57×133	ZS2DF02V7D15	0.6			
	15	4.8	0			3	3	80	D	33	20	69×57×133	ZS2DF02G7D15	0.6			
3/4"	20	7.6	0	5	5	5	5	80	D	33	20	73×57×140	ZS2DF02N7E20	0.6			
	20	7.6	0	5	5	5	5	80	D	33	20	73×57×140	ZS2DF02E7E20	0.6			
	20	7.6	0	5	5	5	5	80	D	33	20	73×57×140	ZS2DF02V7E20	0.6			
	20	7.6	0			3	3	80	D	33	20	73×57×140	ZS2DF02G7E20	0.6			
1"	25	12	0	5	5	5	5	80	D	33	20	99×77×146	ZS2DF02N7G25	0.7			
	25	12	0	5	5	5	5	80	D	33	20	99×77×146	ZS2DF02E7G25	0.7			
	25	12	0	5	5	5	5	80	D	33	20	99×77×146	ZS2DF02V7G25	0.7			
	25	12	0			3	3	80	D	33	20	99×77×146	ZS2DF02G7G25	0.7			

External Dimensions Chart



ZS2-15S~20S

ZS2-25S

ZS series coil parameters tables

ZS Series Coils Characteristics List

Coils Model Code	Voltage	Power consumption					The orifice for suitable Valve Model. (mm)	
		50HZ VA		60HZ VA		DC	Normally closed	Normally open
		Inrush	Holding	Inrush	Holding	W		
N05-2101	AC220V	32	13	32	12	—	φ 2.5	—
N05-2102	AC110V	32	13	32	12	—	φ 3.0	
N05-2106	DC24V	—				8.5	—	
N05-2107	DC12V	—				8.5		
D01-4101A	AC220V	60	20	60	20	—	φ 4~ φ 25	—
N01-4101								
D01-4101B	AC220V	82	33	82	33	—	—	φ 2.5~φ 3.0 φ 4~ φ 25
N01-4101								
A01-4101	AC220V	70	28	70	23	—	φ 4~ φ 25	φ 4~ φ 25
D01-4102	AC110V	82	28	82	28			
N01-4102	AC110V	82	28	82	28			
A01-4102	AC110V	70	28	70	23			
D01-4106	DC24V	—				20	φ 4~ φ 25	
D01-4107	DC12V	—						
D08-6101	AC220V	175	57	175	56	—	φ 32~ φ 50	
N08-6101								
A08-6101	AC220V	110	44	110	36			
D08-6102	AC110V	110	45	110	36			
N08-6102								
A08-6102	AC110V	110	44	110	36			
D08-6106	DC24V	—						40
N08-6106		—						49
A08-6106	DC24V	—				49		
A10-92101	AC220V	159	55	150	50	—	φ 65~φ 100	
A10-92106	DC24V	—						96

SM Coil parameters tables

Coils Model Code	Voltage	Power consumption		Electricity		The orifice for suitable Valve Model. (mm)	
		Inrush	holding	Inrush	holding	Normally closed	Normally open
SM-3101	AC220V	78VA	4.5VA	350mA	20mA	φ 10	—
SM-3102	AC110V	72VA	5.0VA	660mA	45mA		
SM-3106	DC24V	50W	7.2W	3300mA	310mA		
SM-3104	AC24V	19VA	6.5VA	2600mA	320mA		
SM-3107	DC12V	30W	8.5W	2900mA	700mA		
SM-4101	AC220V	130VA	6VA	590mA	28mA	Compact Direct Acting φ 4- φ 10 Diaphragm Type φ 16- φ 25	—
SM-4102	AC110V	95VA	8.0VA	900mA	75mA		
SM-4106	DC24V	50W	9W	4050mA	365mA		
SM-4104	AC24V	19VA	7.0VA	3400mA	360mA		
SM-4107	DC12V	45W	4.5W	3750mA	380mA		

Sanlixin Solenoid Valve

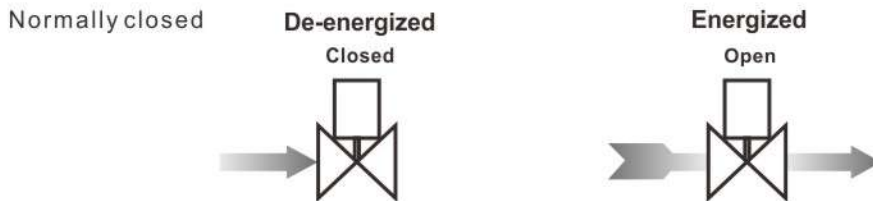
SLP compact series 2/2-way solenoid valve

Solenoid Valves Numbering System for Order

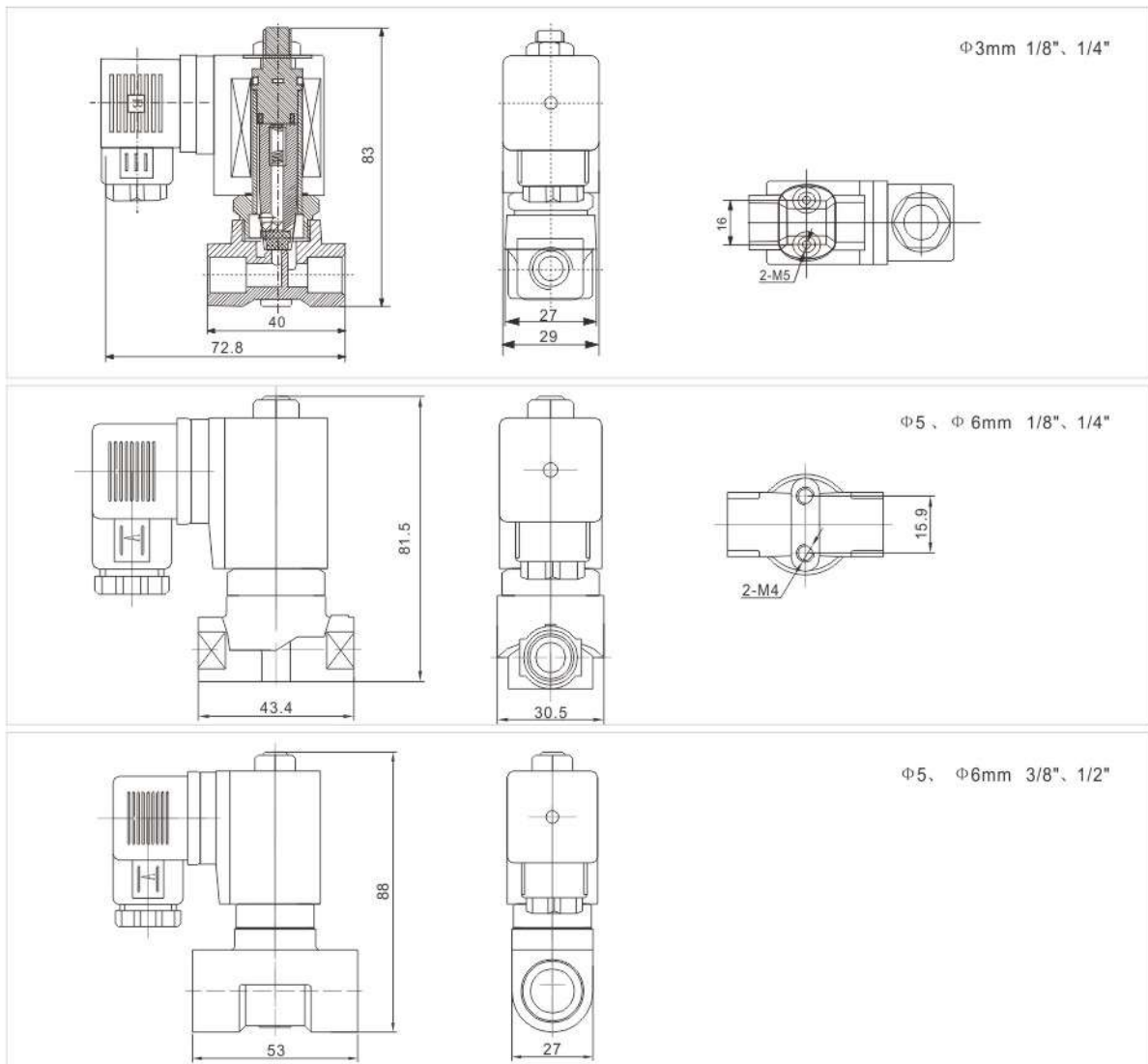
Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLP	1	D	F	02	N	1	E	20	<input type="checkbox"/>
	SLP Series	1: Normally Closed 2: Normally Open	D: DIN Standard Connections, Fully Encapsulated N: Lead Wires, Water-tight, Fully Encapsulated U= Under water X: Explosion-proof S: NASS Coil M: SM Coil	F:F Class H:H Class	02= AC220V AC230V 01= AC110V AC120V 05= AC24V 12= DC12V 13= DC24V Contact the Factory for Others	N: NBR V: VITON E: EPDM	1=Forged Brass 4= SS304 3= Ss316 7= Plastic 9=Forged Brass 4=SS304 5=Stainless steel	A=1/8" B=1/4" B=1/4" C=3/8" C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2" F= 法兰连接 A=1/8" B=1/4"	03=3.0 05=5.0 06=6.0 10=10.0 C9=10.5 03=3.0 04=4.0 05=5.0 06=6.0 10=10.0 C9=10.5 13=13.0 20=20.0 20=20.0 25=25.0 32=32.0 40=40.0 40=40.0 50=50.0 25=25.0 32=32.0 40=40.0 50=50.0 65=65.0 80=80.0 100=100.0 01=1.0 C2=1.5 C3=2.5 03=3.0 04=4.0	M= Manual Override L= Neon lamp K= Mounting Bracket N= NPT thread Y=Sensor

SLP compact series 2/2-way direct acting solenoid valve • normally closed

- 1:** 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2:** Serialized products, small in size, large flow rate, widely use
- 3:** Body material: forged brass.316 stainless steel.
- 4:** Ambient Temp. 0°C~65°C, Fluids Temp 0°C~130°C
- 5:** Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC; Voltage Tolerance: +10% to -10% applicable voltage
- 7:** This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
- 8:** Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V
Ex-proof 3C certificate number: 2020312307000034



Construction, External Dimensions Chart



Sanlixin Solenoid Valve

SLP compact series 2/2-way direct acting solenoid valve • normally closed



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. fluids Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC		Weight KG
			Min.	Max.								AC 220V	DC 24V		Body material		
				Air Gas		Water Hot water Liquids		Light oil ≤ 20CST									
				AC	DC	AC	DC	AC	DC								
1/8"	3	0.23	0	13	13	13	13	10	10	80	D	22	13	F	SLP1DF02N1A03	SLP1DF02N3A03	0.37
	3	0.23	0	13	13	13	13			130	D	22	13	F	SLP1DF02E1A03	SLP1DF02E3A03	0.37
	3	0.23	0	13	13	13	13	10	10	120	D	22	13	F	SLP1DF02V1A03	SLP1DF02V3A03	0.37
	4	0.6	0	8	8	8	8	6	6	80	D	22	13	F	SLP1DF02N1A04	SLP1DF02N3A04	0.36
	4	0.6	0	8	8	8	8			130	D	22	13	F	SLP1DF02E1A04	SLP1DF02E3A04	0.36
	4	0.6	0	8	8	8	8	6	6	120	D	22	13	F	SLP1DF02V1A04	SLP1DF02V3A04	0.36
	5	0.65	0	4	2.5	4	2.5	2.5	2	80	D	22	13	F	SLP1DF02N1A05	SLP1DF02N3A05	0.36
	5	0.65	0	4	2.5	4	2.5			130	D	22	13	F	SLP1DF02E1A05	SLP1DF02E3A05	0.36
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	D	22	13	F	SLP1DF02V1A05	SLP1DF02V3A05	0.36
	6	0.8	0	3	2	3	2	2.5	2	80	D	22	13	F	SLP1DF02N1A06	SLP1DF02N3A06	0.36
	6	0.8	0	3	2	3	2			130	D	22	13	F	SLP1DF02E1A06	SLP1DF02E3A06	0.36
	6	0.8	0	3	2	3	2	2.5	2	120	D	22	13	F	SLP1DF02V1A06	SLP1DF02V3A06	0.36

SLP compact series 2/2-way direct acting solenoid valve • normally closed

Valve Selection List

Pipe Conn- -ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. fluids Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC		Weight KG		
			Min.	Max.								AC 220V	DC 24V		Body material				
				Air Gas		Water Hot water Liquids		Light oil ≤ 20CST										Forgeda brass	
				AC	DC	AC	DC	AC	DC										
1/4"	3	0.23	0	13	13	13	13	10	10	80	D	22	13	F	SLP1DF02N1B03	SLP1DF02N3B03	0.36		
	3	0.23	0	13	13	13	13			130	D	22	13	F	SLP1DF02E1B03	SLP1DF02E3B03	0.36		
	3	0.23	0	13	13	13	13	10	10	120	D	22	13	F	SLP1DF02V1B03	SLP1DF02V3B03	0.36		
	4	0.6	0	8	8	8	8	6	6	80	D	22	13	F	SLP1DF02N1A04	SLP1DF02N3B04	0.35		
	4	0.6	0	8	8	8	8			130	D	22	13	F	SLP1DF02E1A04	SLP1DF02E3B04	0.35		
	4	0.6	0	8	8	8	8	6	6	120	D	22	13	F	SLP1DF02V1A04	SLP1DF02V3B04	0.35		
	5	0.65	0	4	2.5	4	2.5	2.5	2	80	D	22	13	F	SLP1DF02N1B05	SLP1DF02N3B05	0.35		
	5	0.65	0	4	2.5	4	2.5			130	D	22	13	F	SLP1DF02E1B05	SLP1DF02E3B05	0.35		
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	D	22	13	F	SLP1DF02V1B05	SLP1DF02V3B05	0.35		
	6	0.8	0	3	2	3	2	2.5	2	80	D	22	13	F	SLP1DF02N1B06	SLP1DF02N3B06	0.35		
	6	0.8	0	3	2	3	2			130	D	22	13	F	SLP1DF02E1B06	SLP1DF02E3B06	0.35		
3/8"	5	0.65	0	4	2.5	4	2.5	2.5	2	80	D	22	13	F	SLP1DF02N1C05	SLP1DF02N3C05	0.46		
	5	0.65	0	4	2.5	4	2.5			130	D	22	13	F	SLP1DF02E1C05	SLP1DF02E3C05	0.46		
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	D	22	13	F	SLP1DF02V1C05	SLP1DF02V3C05	0.46		
	6	0.8	0	3	2	3	2	2.5	2	80	D	22	13	F	SLP1DF02N1C06	SLP1DF02N3C06	0.46		
	6	0.8	0	3	2	3	2			130	D	22	13	F	SLP1DF02E1C06	SLP1DF02E3C06	0.46		
	6	0.8	0	3	2	3	2	2.5	2	120	D	22	13	F	SLP1DF02V1C06	SLP1DF02V3C06	0.46		
1/2"	5	0.65	0	4	2.5	4	2.5	2.5	2	80	D	22	13	F	SLP1DF02N1D05	SLP1DF02N3D05	0.43		
	5	0.65	0	4	2.5	4	2.5			130	D	22	13	F	SLP1DF02E1D05	SLP1DF02E3D05	0.43		
	5	0.65	0	4	2.5	4	2.5	2.5	2	120	D	22	13	F	SLP1DF02V1D05	SLP1DF02V3D05	0.43		
	6	0.8	0	3	2	3	2	2.5	2	80	D	22	13	F	SLP1DF02N1D06	SLP1DF02N3D06	0.43		
	6	0.8	0	3	2	3	2			130	D	22	13	F	SLP1DF02E1D06	SLP1DF02E3D06	0.43		
	6	0.8	0	3	2	3	2	2.5	2	120	D	22	13	F	SLP1DF02V1D06	SLP1DF02V3D06	0.43		

Sanlixin Solenoid Valve

SLP small series 2/2-way direct acting solenoid valve · normally closed

- 1.2/2 way normally closed , closed when de-energized , open when energized
2. Ambient temp : 0~65℃
3. Flow as the arrow ,mounts in any position ; best position is solenoid vertical and upright direction
4. Voltage : AC220V/230V/240V/110V/24V 50/60HZ
DC24V/12V
5. Seals : Can choose NBR、EPDM、VITON to fit to control of different media
6. Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V

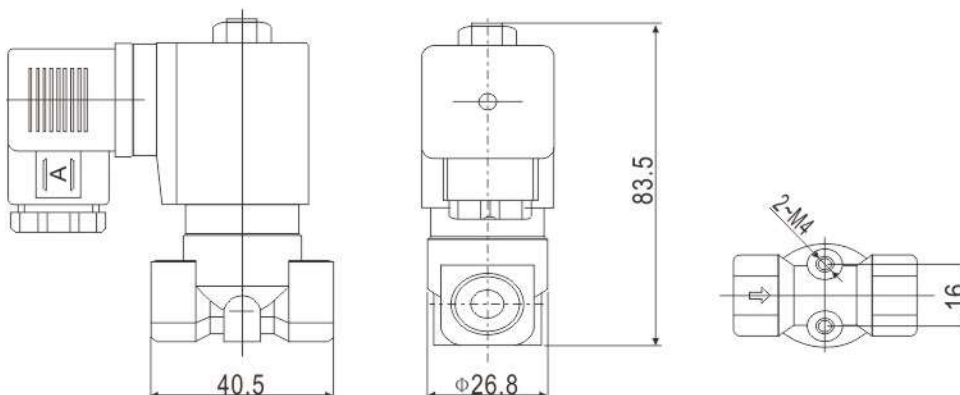


Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure Differential (kgf/cm ²)				Max. Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC50/60HZ		
			Min.	Max.		AC 220V			DC 24V					
				Air、Gas water、Hotwater liquid						Light oil				
				AC	DC					AC		DC		
											Forged brass	SS316		
3/8"	3	0.3	0	13	13	10	10	80	D	22	13	F	SLP1DF02N1C03	SLP1DF02N3C03
	3	0.3	0	13	13			130	D	22	13	F	SLP1DF02E1C03	SLP1DF02E3C03
	3	0.3	0	13	13	10	10	120	D	22	13	F	SLP1DF02V1C03	SLP1DF02V3C03
	4	0.6	0	8	8	6	6	80	D	22	13	F	SLP1DF02N1C04	SLP1DF02N3C04
	4	0.6	0	8	8			130	D	22	13	F	SLP1DF02E1C04	SLP1DF02E3C04
	4	0.6	0	8	8	6	6	120	D	22	13	F	SLP1DF02V1C04	SLP1DF02V3C04

N.W:0.34kg

External Dimensions:



SLP compact series 2/2-way direct acting solenoid valve · normally open

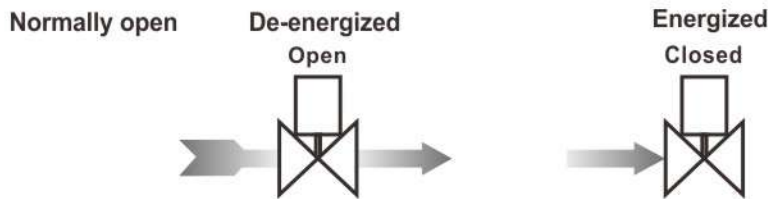
- 1: 2-Way normally open solenoid valve, Open when de-energized, Closed when energized.
- 2: Serialized products, small in size, large flow rate, widely use
- 3: Body material: forged brass.316 stainless steel.
- 4: Ambient Temp. 0°C~65°C, Fluids Temp 0°C~130°C.
- 5: Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage can fix Nass coil
- 7: This series valves are offered NBR、VITON、EPDM etc
For Seals and diaphragm to provide on-off control of various fluids.



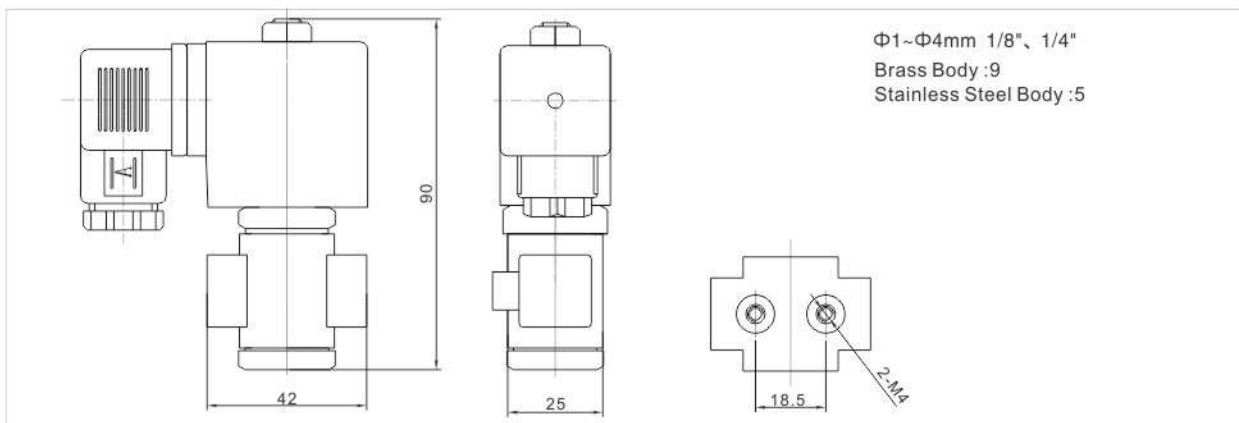
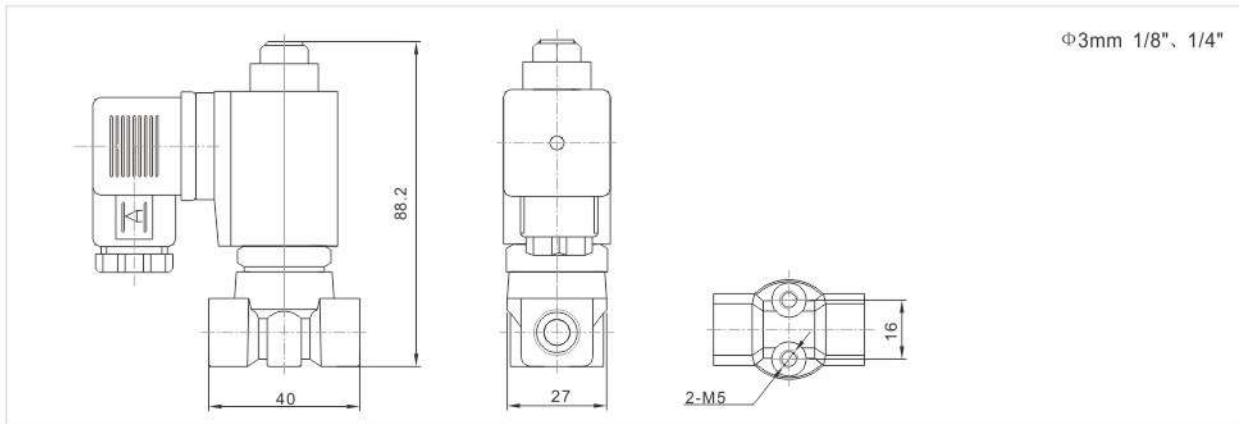
Body:9 & 5



Body:1 & 3



Construction, External Dimensions Chart



Sanlixin Solenoid Valve

SLP compact series 2/2-way direct acting solenoid valve • normally open

Valve Selection List

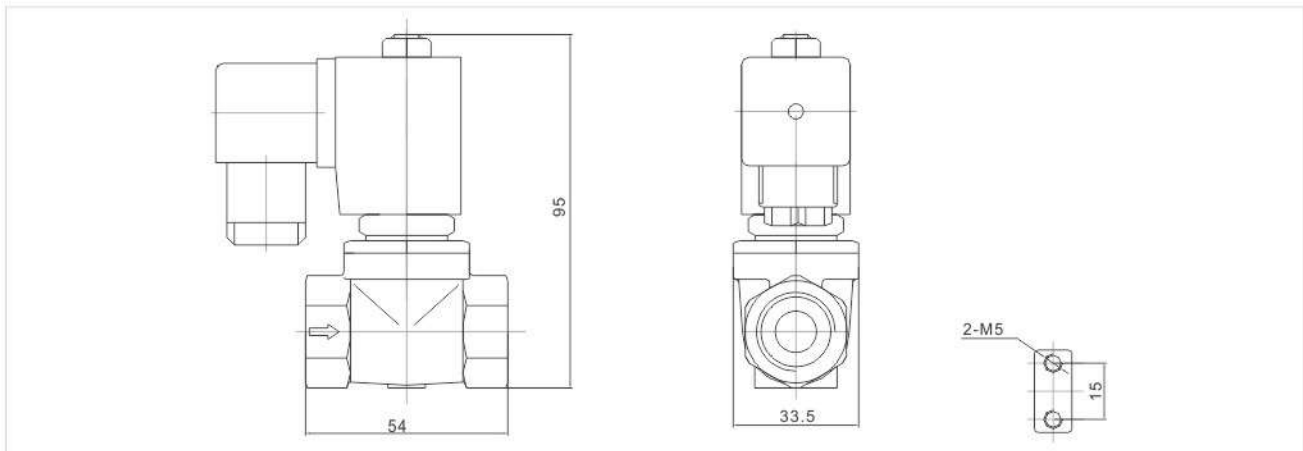
Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. fluids Temp. °C	Coil Type	consumption		Coil Class	Model Code Follows Voltage are 220VAC		Weight (KG)
			Min.	Max.					VA AC 220V	W DC 24V		Body material:		
				Air Gas	Water Hot water Liquids	Light oil						Forged brass	SS316	
1/8"	1	0.04	0	30	30	25	80	D	22	13	F	SLP2DF02N9A01	SLP2DF02N5A01	0.4
	1	0.04	0	30	30		130	D	22	13	F	SLP2DF02E9A01	SLP2DF02E5A01	0.4
	1	0.04	0	30	30	25	120	D	22	13	F	SLP2DF02V9A01	SLP2DF02V5A01	0.4
	1.5	0.09	0	20	20	15	80	D	22	13	F	SLP2DF02N9AC2	SLP2DF02N5AC2	0.4
	1.5	0.09	0	20	20		130	D	22	13	F	SLP2DF02E9AC2	SLP2DF02E5AC2	0.4
	1.5	0.09	0	20	20	15	120	D	22	13	F	SLP2DF02V9AC2	SLP2DF02V5AC2	0.4
	2.5	0.2	0	15	15	12	80	D	22	13	F	SLP2DF02N9AC3	SLP2DF02N5AC3	0.4
	2.5	0.2	0	15	15		130	D	22	13	F	SLP2DF02E9AC3	SLP2DF02E5AC3	0.4
	2.5	0.2	0	15	15	12	120	D	22	13	F	SLP2DF02V9AC3	SLP2DF02V5AC3	0.4
	3	0.25	0	12	12	10	80	D	22	13	F	SLP2DF02N9A03	SLP2DF02N5A03	0.4
	3	0.25	0	12	12		130	D	22	13	F	SLP2DF02E9A03	SLP2DF02E5A03	0.4
	3	0.25	0	12	12	10	120	D	22	13	F	SLP2DF02V9A03	SLP2DF02V5A03	0.4
	3	0.3	0	6	6	5	80	D	22	13	F	SLP2DF02N1A03	SLP2DF02N3A03	0.46
	3	0.3	0	6	6		130	D	22	13	F	SLP2DF02E1A03	SLP2DF02E3A03	0.46
	3	0.3	0	6	6	5	120	D	22	13	F	SLP2DF02V1A03	SLP2DF02V3A03	0.46
	4	0.4	0	5	5	4	80	D	22	13	F	SLP2DF02N9A04	SLP2DF02N5A04	0.39
4	0.4	0	5	5		130	D	22	13	F	SLP2DF02E9A04	SLP2DF02E5A04	0.39	
4	0.4	0	5	5	4	120	D	22	13	F	SLP2DF02V9A04	SLP2DF02V5A04	0.39	
1/4"	1	0.04	0	30	30	25	80	D	22	13	F	SLP2DF02N9B01	SLP2DF02N5B01	0.39
	1	0.04	0	30	30		130	D	22	13	F	SLP2DF02E9B01	SLP2DF02E5B01	0.39
	1	0.04	0	30	30	25	120	D	22	13	F	SLP2DF02V9B01	SLP2DF02V5B01	0.39
	1.5	0.09	0	20	20	15	80	D	22	13	F	SLP2DF02N9BC2	SLP2DF02N5BC2	0.39
	1.5	0.09	0	20	20		130	D	22	13	F	SLP2DF02E9BC2	SLP2DF02E5BC2	0.39
	1.5	0.09	0	20	20	15	120	D	22	13	F	SLP2DF02V9BC2	SLP2DF02V5BC2	0.39
	2.5	0.2	0	15	15	12	80	D	22	13	F	SLP2DF02N9BC3	SLP2DF02N5BC3	0.39
	2.5	0.2	0	15	15		130	D	22	13	F	SLP2DF02E9BC3	SLP2DF02E5BC3	0.39
	2.5	0.2	0	15	15	12	120	D	22	13	F	SLP2DF02V9BC3	SLP2DF02V5BC3	0.39
	3	0.25	0	12	12	10	80	D	22	13	F	SLP2DF02N9B03	SLP2DF02N5B03	0.39
	3	0.25	0	12	12		130	D	22	13	F	SLP2DF02E9B03	SLP2DF02E5B03	0.39
	3	0.25	0	12	12	10	120	D	22	13	F	SLP2DF02V9B03	SLP2DF02V5B03	0.39
	3	0.3	0	6	6	5	80	D	22	13	F	SLP2DF02N1B03	SLP2DF02N3B03	0.45
	3	0.3	0	6	6		130	D	22	13	F	SLP2DF02E1B03	SLP2DF02E3B03	0.45
	3	0.3	0	6	6	5	120	D	22	13	F	SLP2DF02V1B03	SLP2DF02V3B03	0.45
	4	0.4	0	5	5	4	80	D	22	13	F	SLP2DF02N9B04	SLP2DF02N5B04	0.38
4	0.4	0	5	5		130	D	22	13	F	SLP2DF02E9B04	SLP2DF02E5B04	0.38	
4	0.4	0	5	5	4	120	D	22	13	F	SLP2DF02V9B04	SLP2DF02V5B04	0.38	

SLP small series 2/2-way pilot operated solenoid valve · normally closed

- 1: 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2: Serialized products, small in size, large flow rate, widely use
- 3: Body material: forged brass.Orifice: ϕ 10.5mm.
- 4: Ambient Temp. 0°C~65°C, Fluids Temp: 0°C~130°C .Max allowable pressure 17 bar.
- 5: Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7: This series valves are offered NBR、VITON、EPDM etc
For Seals and diaphragm to provide on-off control of various fluids.
- 8: Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V
Ex-proof 3C certificate number: 2020312307000034



Construction, External Dimensions Chart



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Temp. °C	Coil Type	consumption		Coil Class	Model Code Follows Voltage are 220VAC	Weight (KG)
			Min.	Max.								VA AC 220V	W DC 24V			
				Air Gas		Water Hot water		Light oil								
				AC	DC	AC	DC	AC	DC							
1/4"	10.5	1.47	0.1	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N1BC9	0.51
	10.5	1.47	0.1	16	10	16	10			130	D	22	13	F	SLP1DF02E1BC9	0.51
	10.5	1.47	0.1	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V1BC9	0.51
3/8"	10.5	1.68	0.1	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N1CC9	0.49
	10.5	1.68	0.1	16	10	16	10			130	D	22	13	F	SLP1DF02E1CC9	0.49
	10.5	1.68	0.1	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V1CC9	0.49
1/2"	10.5	1.75	0.1	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N1DC9	0.46
	10.5	1.75	0.1	16	10	16	10			130	D	22	13	F	SLP1DF02E1DC9	0.46
	10.5	1.75	0.1	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V1DC9	0.46

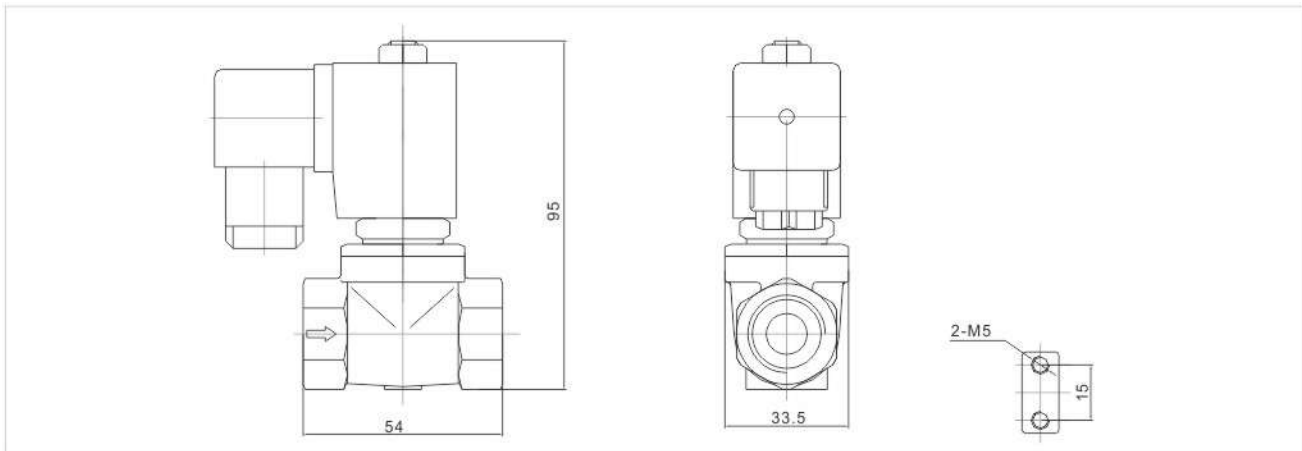
Sanlixin Solenoid Valve

SLP small series 2/2-way pilot operated solenoid valve • normally closed

1. 2-Way Normally closed solenoid valve, closed when de-energized, open when energized.
2. Serialized products, small in size, large flow rate, widely use
3. Body material: SS316 Orifice: $\Phi 9\text{mm}$
4. Ambient Temp $0^{\circ}\text{C}\sim 65^{\circ}\text{C}$ Fluids Temp.: $0^{\circ}\text{C}\sim 130^{\circ}\text{C}$
5. Flows as the arrow, mounts in any position; best position is solenoid valve vertical and upright direction.
6. Voltage: AC24V/110V/220V/230V/240V 50/60HZ DC24V/12V Voltage Tolerance: +10%~-10% applicable voltage
7. This series valves are offered NBR, VITON, EPDM Etc, For seals and diaphragm to provide on/off control of various fluids.
8. Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V
Ex-proof 3C certificate number: 2020312307000034



Construction, External Dimensions Chart



Valve Selection List

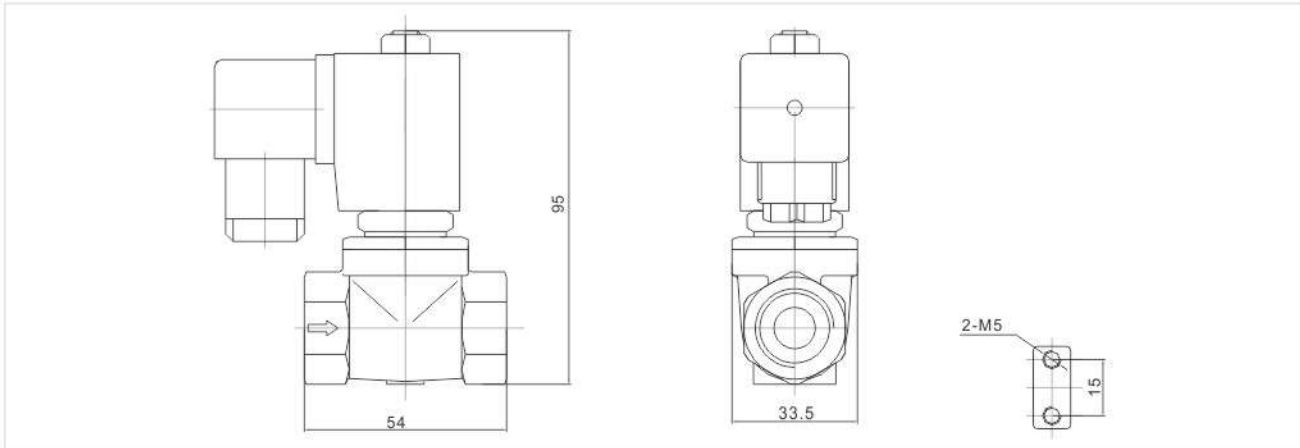
Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Max. Temp. °C	Coil Type	consumption		Coil Class	Model Code Follows Voltage are 220VAC	Weight (KG)	
			Min.	Max.							VA	W				
				Air Gas		Water Hot water		Light oil								
				AC	DC	AC	DC	AC								DC
1/4"	9	1.2	0.1	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N3BC9	0.51
	9	1.2	0.1	16	10	16	10			130	D	22	13	F	SLP1DF02E3BC9	0.51
	9	1.2	0.1	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V3BC9	0.51
3/8"	9	1.2	0.1	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N3CC9	0.49
	9	1.2	0.1	16	10	16	10			130	D	22	13	F	SLP1DF02E3CC9	0.49
	9	1.2	0.1	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V3CC9	0.49
1/2"	9	1.2	0.1	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N3DC9	0.46
	9	1.2	0.1	16	10	16	10			130	D	22	13	F	SLP1DF02E3DC9	0.46
	9	1.2	0.1	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V3DC9	0.46

SLP small series 2/2-way direct acting solenoid valve · normally closed

- 1: 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2: Serialized products, small in size, large flow rate, widely use
- 3: Body material: forged brass. Orifice: ϕ 10.5mm.
- 4: Ambient Temp. 0°C~65°C, Fluids Temp: 0°C~130°C .
- 5: Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7: This series valves are offered NBR、VITON、EPDM etc
For Seals and diaphragm to provide on-off control of various fluids.
- 8: Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V
Ex-proof 3C certificate number: 2020312307000034



Construction, External Dimensions Chart



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Max. Temp. °C	Coil Type	consumption		Coil Class	Model Code Follows Voltage are 220VAC	Weight (KG)	
			Min.	Max.							VA	W				
				Air Gas		Water Hot water		Light oil								
				AC	DC	AC	DC	AC								DC
1/4"	10.5	1.47	0	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N1B10	0.51
	10.5	1.47	0	16	10	16	10			130	D	22	13	F	SLP1DF02E1B10	0.51
	10.5	1.47	0	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V1B10	0.51
3/8"	10.5	1.68	0	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N1C10	0.49
	10.5	1.68	0	16	10	16	10			130	D	22	13	F	SLP1DF02E1C10	0.49
	10.5	1.68	0	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V1C10	0.49
1/2"	10.5	1.75	0	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N1D10	0.46
	10.5	1.75	0	16	10	16	10			130	D	22	13	F	SLP1DF02E1D10	0.46
	10.5	1.75	0	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V1D10	0.46

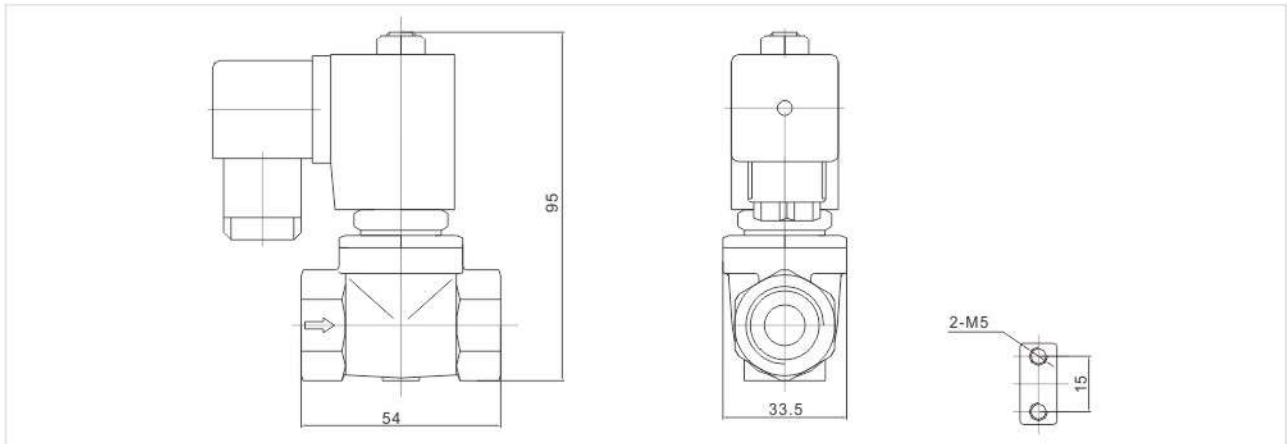
Sanlixin Solenoid Valve

SLP small series 2/2-way direct acting solenoid valve · normally closed

1. 2-Way Normally closed solenoid valve, closed when de-energized, open when energized.
2. Serialized products, small in size, large flow rate, widely use
3. Body material: SS316 Orifice: $\Phi 9\text{mm}$
4. Ambient Temp $0^{\circ}\text{C}\sim 65^{\circ}\text{C}$ Fluids Temp.: $0^{\circ}\text{C}\sim 130^{\circ}\text{C}$
5. Flows as the arrow, mounts in any position; best position is solenoid valve vertical and upright direction.
6. Voltage: AC24V/110V/220V/230V/240V 50/60HZ
DC24V/12V Voltage Tolerance: $+10\%\sim -10\%$ applicable voltage
7. This series valves are offered NBR, VITON, EPDM Etc. For seals and diaphragm to provide on/off control of various fluids.
8. Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V
Ex-proof 3C certificate number: 2020312307000034



Construction & External Dimensions Chart



Valve Selection List

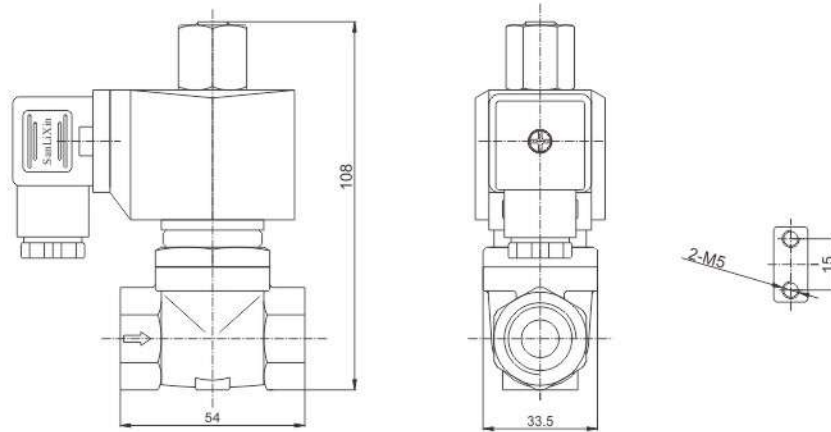
Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Temp. °C	Coil Type	consumption		Coil Class	Model Code Follows Voltage 220VAC	Weight (KG)
			Min.	Max.								VA AC 220V	W DC 24V			
				Air Gas		Water Hot water		Light oil								
				AC	DC	AC	DC	AC	DC							
1/4"	9	1.2	0	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N3B10	0.51
	9	1.2	0	16	10	16	10			130	D	22	13	F	SLP1DF02E3B10	0.51
	9	1.2	0	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V3B10	0.51
3/8"	9	1.2	0	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N3C10	0.49
	9	1.2	0	16	10	16	10			130	D	22	13	F	SLP1DF02E3C10	0.49
	9	1.2	0	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V3C10	0.49
1/2"	9	1.2	0	16	10	16	10	13	10	80	D	22	13	F	SLP1DF02N3D10	0.46
	9	1.2	0	16	10	16	10			130	D	22	13	F	SLP1DF02E3D10	0.46
	9	1.2	0	16	10	16	10	13	10	120	D	22	13	F	SLP1DF02V3D10	0.46

SLP small series 2/2-way pilot operated solenoid valve · normally open

- 1: 2-Way normally open solenoid valve, Open when de-energized, closed when energized.
- 2: Serialized products, small in size, large flow rate, widely use
- 3: Body material: forged brass. Orifice: ϕ 10.5mm.
- 4: Ambient Temp. 0°C~65°C, Fluids Temp: 0°C~130°C .
- 5: Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7: This series valves are offered NBR, VITON、EPDM etc
For Seals and diaphragm to provide on-off control of various fluids.



Construction, External Dimensions Chart



Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (bar)			Max. Temp. °C	Coil Type	consumption		Coil Class	Model Code Follows Voltage 220VAC	Weight KG	
			Min.	Max.				VA AC 220V	W DC 24V				
				Air Gas	Water Hot water								Light oil ≤20CST
1/4"	10.5	1.47	0.1	13	13	8	80	D	20	20	F	SLP2DF02N1BC9	0.66
	10.5	1.47	0.1	13	13	8	130	D	20	20	F	SLP2DF02E1BC9	0.66
	10.5	1.47	0.1	13	13	8	120	D	20	20	F	SLP2DF02V1BC9	0.66
3/8"	10.5	1.68	0.1	13	13	8	80	D	20	20	F	SLP2DF02N1CC9	0.64
	10.5	1.68	0.1	13	13	8	130	D	20	20	F	SLP2DF02E1CC9	0.64
	10.5	1.68	0.1	13	13	8	120	D	20	20	F	SLP2DF02V1CC9	0.64
1/2"	10.5	1.75	0.1	13	13	8	80	D	20	20	F	SLP2DF02N1DC9	0.61
	10.5	1.75	0.1	13	13	8	130	D	20	20	F	SLP2DF02E1DC9	0.61
	10.5	1.75	0.1	13	13	8	120	D	20	20	F	SLP2DF02V1DC9	0.61

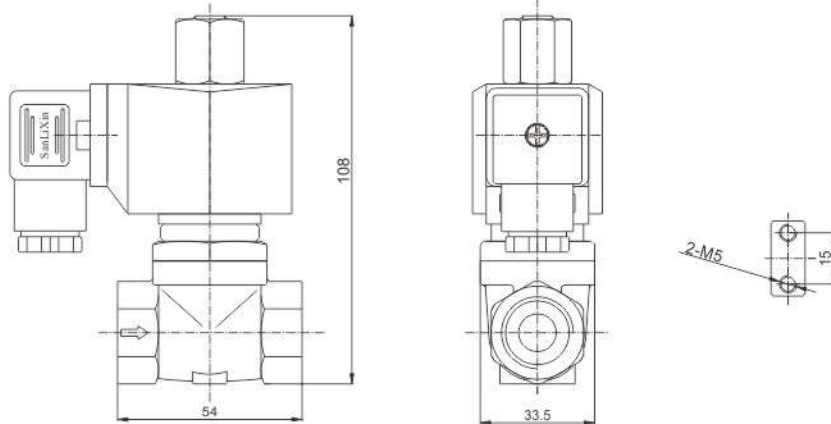
Sanlixin Solenoid Valve

SLP small series 2/2-way pilot operated solenoid valve · normally open

- 1: 2-Way normally open solenoid valve, Open when de-energized, closed when energized.
- 2: Serialized products, small in size, large flow rate, widely use
- 3: Body material: SS316. Orifice: ϕ 9mm.
- 4: Ambient Temp. 0°C~65°C
- 5: Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7: This series valves are offered NBR、VITON、EPDM etc
For Seals and diaphragm to provide on-off control of various fluids.



Construction, External Dimensions Chart



型号规格表

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (bar)				Max. Temp. °C	Coil Type	consumption		Coil Class	Model Code Follows Voltage 220VAC	Weight KG
			Min.	Max.					VA AC 220V	W DC 24V			
				Air Gas	Water Hot water	Light oil ≤20CST							
1/4"	9	1.2	0.1	13	13	8	80	D	20	20	F	SLP2DF02N3BC9	0.66
	9	1.2	0.1	13	13		130	D	20	20	F	SLP2DF02E3BC9	0.66
	9	1.2	0.1	13	13	8	120	D	20	20	F	SLP2DF02V3BC9	0.66
3/8"	9	1.2	0.1	13	13	8	80	D	20	20	F	SLP2DF02N3CC9	0.64
	9	1.2	0.1	13	13		130	D	20	20	F	SLP2DF02E3CC9	0.64
	9	1.2	0.1	13	13	8	120	D	20	20	F	SLP2DF02V3CC9	0.64
1/2"	9	1.2	0.1	13	13	8	80	D	20	20	F	SLP2DF02N3DC9	0.61
	9	1.2	0.1	13	13		130	D	20	20	F	SLP2DF02E3DC9	0.61
	9	1.2	0.1	13	13	8	120	D	20	20	F	SLP2DF02V3DC9	0.61

SLP 2/2-way large diameter pilot operated solenoid valve · normally closed

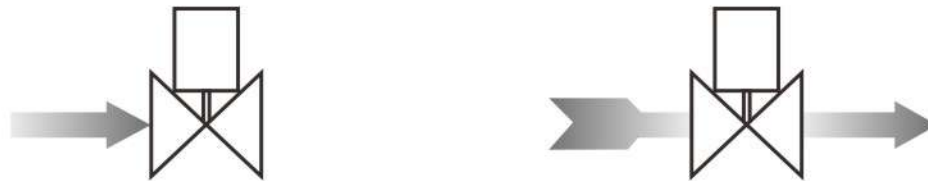
- 1:** 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2:** Serialized products, small in size, large flow rate, widely use
- 3:** Body material: forged brass.Orifice: ϕ 13~15mm.
- 4:** Ambient Temp. 0°C~65°C, Fluids Temp: 0°C~130°C, Max allowable pressure 20 bar.
- 5:** Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7:** This series valves are offered NBR、VITON、EPDM etc
For Seals and diaphragm to provide on-off control of various fluids.
- 8:** Can fix explosion-proof coil
- 9:** Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V
Ex-proof 3C certificate number: 2020312307000034



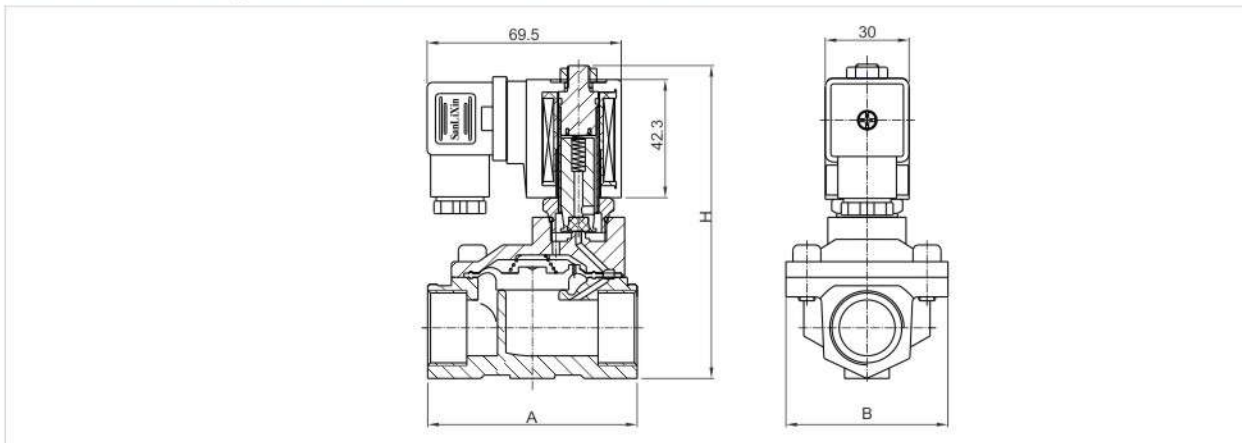
Normally closed

De-energized
Closed

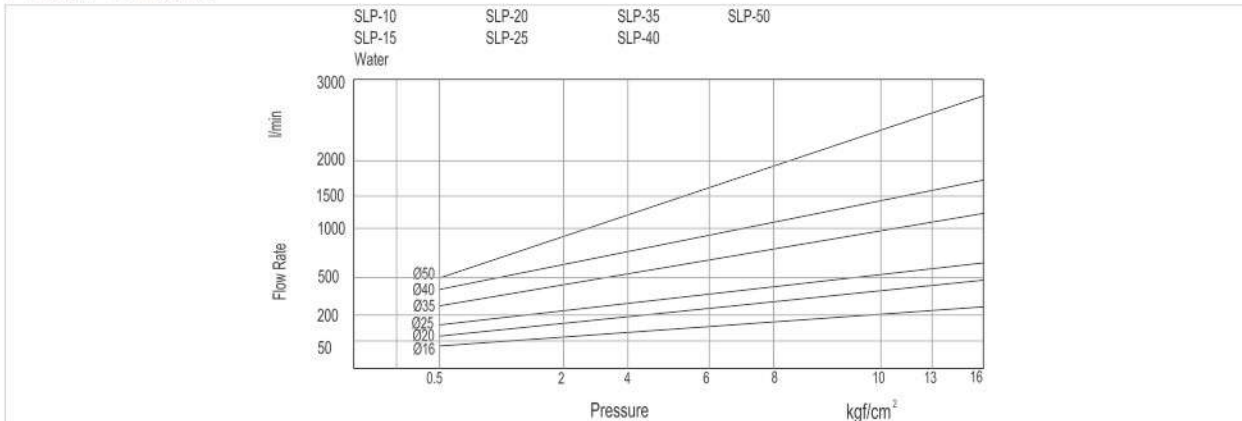
Energized
Open



Construction, External Dimensions Chart



Flow Chart



Sanlixin Solenoid Valve

SLP 2/2-way large diameter pilot operated solenoid valve • normally closed

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
			Min.	Max.					VA AC 220 V	W DC 24 V				
				Air Gas	Water Hot water Liquids	Light oil ≤20CST								
3/8"	13	4.5	0.5	16	16	13	80	D	22	13	F	66×48×107	SLP1DF02N1C13	0.8
	13	4.5	0.5	16	16		130	D	22	13	F	66×48×107	SLP1DF02E1C13	0.8
	13	4.5	0.5	16	16	13	120	D	22	13	F	66×48×107	SLP1DF02V1C13	0.8
1/2"	13	4.5	0.5	16	16	13	80	D	22	13	F	66×48×107	SLP1DF02N1D13	0.7
	13	4.5	0.5	16	16		130	D	22	13	F	66×48×107	SLP1DF02E1D13	0.7
	13	4.5	0.5	16	16	13	120	D	22	13	F	66×48×107	SLP1DF02V1D13	0.7
3/4"	20	7.6	0.5	16	16	13	80	D	22	13	F	75×58×112	SLP1DF02N1E20	0.9
	20	7.6	0.5	16	16		130	D	22	13	F	75×58×112	SLP1DF02E1E20	0.9
	20	7.6	0.5	16	16	13	120	D	22	13	F	75×58×112	SLP1DF02V1E20	0.9
1"	20	7.6	0.5	16	16	13	80	D	22	13	F	81×58×119	SLP1DF02N1G20	1.1
	20	7.6	0.5	16	16		130	D	22	13	F	81×58×119	SLP1DF02E1G20	1.1
	20	7.6	0.5	16	16	13	120	D	22	13	F	81×58×119	SLP1DF02V1G20	1.1
	25	12	0.5	16	16	13	80	D	22	13	F	96×70×131	SLP1DF02N1G25	1.4
	25	12	0.5	16	16		130	D	22	13	F	96×70×131	SLP1DF02E1G25	1.4
	25	12	0.5	16	16	13	120	D	22	13	F	96×70×131	SLP1DF02V1G25	1.4
1 1/4"	35	22	0.5	16	16	13	80	D	22	13	F	131×96×146	SLP1DF02N1H35	2.8
	35	22	0.5	16	16		130	D	22	13	F	131×96×146	SLP1DF02E1H35	2.8
	35	22	0.5	16	16	13	120	D	22	13	F	131×96×146	SLP1DF02V1H35	2.8
1 1/2"	40	30	0.5	16	16	13	80	D	22	13	F	131×96×146	SLP1DF02N1J40	2.7
	40	30	0.5	16	16		130	D	22	13	F	131×96×146	SLP1DF02E1J40	2.7
	40	30	0.5	16	16	13	120	D	22	13	F	131×96×146	SLP1DF02V1J40	2.7
2"	40	30	0.5	16	16	13	80	D	22	13	F	131×96×152	SLP1DF02N1K40	3.1
	40	30	0.5	16	16		130	D	22	13	F	131×96×152	SLP1DF02E1K40	3.1
	40	30	0.5	16	16	13	120	D	22	13	F	131×96×152	SLP1DF02V1K40	3.1
	50	48	0.5	16	16	13	80	D	22	13	F	165×120×167	SLP1DF02N1K50	4
	50	48	0.5	16	16		130	D	22	13	F	165×120×167	SLP1DF02E1K50	4
	50	48	0.5	16	16	13	120	D	22	13	F	165×120×167	SLP1DF02V1K50	4



SLP 2/2-way large diameter pilot operated solenoid valve · normally closed

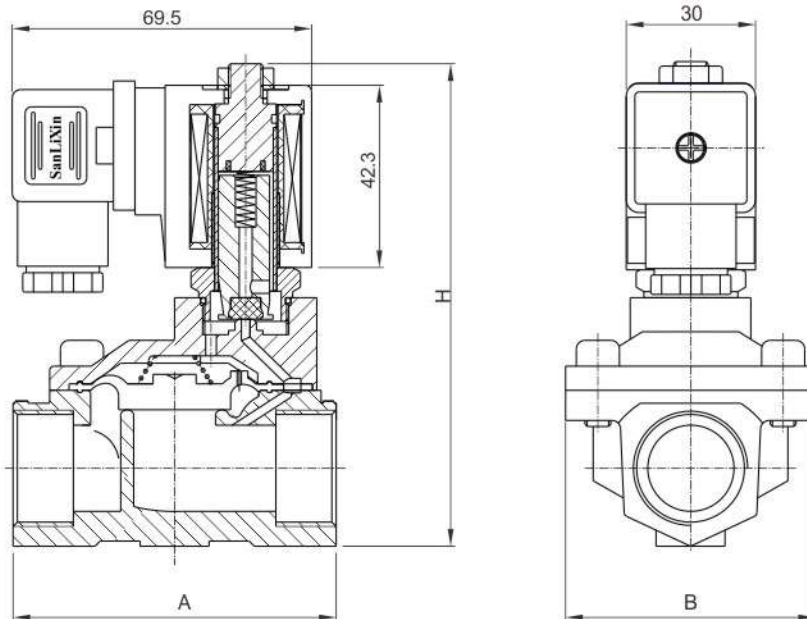
- 1: 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2: Body material: 316 stainless steel
- 3: Max. Allowable pressure 20kgf/cm²; Ambient Temp. 0°C~65°C
- 4: Serialized products, small in size, large flow rate, widely use
- 5: Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7: Coil can fix Germany Nass Coil, for orifice under DN25 only.
- 8: This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
- 9: Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



Normally closed



Construction, External Dimensions Chart



Sanlixin Solenoid Valve

SLP 2/2-way large diameter pilot operated solenoid valve • normally closed

Valve Selection List

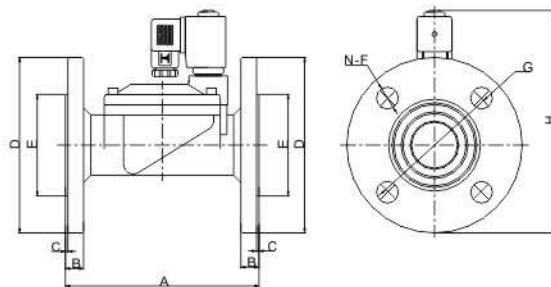
Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
			Min.	Max.					VA AC 220 V	W DC 24 V				
				Air Gas	Water Hot water Liquids	Light oil ≤20CST								
3/8"	13	4.5	0.5	16	16	13	80	D	22	13	F	66×48×107	SLP1DF02N3C13	0.75
	13	4.5	0.5	16	16		130	D	22	13	F	66×48×107	SLP1DF02E3C13	0.75
	13	4.5	0.5	16	16	13	120	D	22	13	F	66×48×107	SLP1DF02V3C13	0.75
1/2"	13	4.5	0.5	16	16	13	80	D	22	13	F	66×48×107	SLP1DF02N3D13	0.7
	13	4.5	0.5	16	16		130	D	22	13	F	66×48×107	SLP1DF02E3D13	0.7
	13	4.5	0.5	16	16	13	120	D	22	13	F	66×48×107	SLP1DF02V3D13	0.7
3/4"	20	7.6	0.5	16	16	13	80	D	22	13	F	75×58×112	SLP1DF02N3E20	0.9
	20	7.6	0.5	16	16		130	D	22	13	F	75×58×112	SLP1DF02E3E20	0.9
	20	7.6	0.5	16	16	13	120	D	22	13	F	75×58×112	SLP1DF02V3E20	0.9
1"	20	7.6	0.5	16	16	13	80	D	22	13	F	81×58×119	SLP1DF02N3G20	1.0
	20	7.6	0.5	16	16		130	D	22	13	F	81×58×119	SLP1DF02E3G20	1.0
	20	7.6	0.5	16	16	13	120	D	22	13	F	81×58×119	SLP1DF02N3G20	1.0
	25	12	0.5	16	16	13	80	D	22	13	F	96×70×131	SLP1DF02V3G25	1.3
	25	12	0.5	16	16		130	D	22	13	F	96×70×131	SLP1DF02E3G25	1.3
	25	12	0.5	16	16	13	120	D	22	13	F	96×70×131	SLP1DF02V3G25	1.3
1 1/4"	35	22	0.5	16	16	13	80	D	22	13	F	131×96×146	SLP1DF02N3H35	2.6
	35	22	0.5	16	16		130	D	22	13	F	131×96×146	SLP1DF02E3H35	2.6
	35	22	0.5	16	16	13	120	D	22	13	F	131×96×146	SLP1DF02V3H35	2.6
1 1/2"	40	30	0.5	16	16	13	80	D	22	13	F	131×96×146	SLP1DF02N3J40	2.5
	40	30	0.5	16	16		130	D	22	13	F	131×96×146	SLP1DF02E3J40	2.5
	40	30	0.5	16	16	13	120	D	22	13	F	131×96×146	SLP1DF02V3J40	2.5
2"	40	30	0.5	16	16	13	80	D	22	13	F	136×96×152	SLP1DF02N3K40	2.7
	40	30	0.5	16	16		130	D	22	13	F	136×96×152	SLP1DF02E3K40	2.7
	40	30	0.5	16	16	13	120	D	22	13	F	136×96×152	SLP1DF02V3K40	2.7
	50	48	0.5	16	16	13	80	D	22	13	F	165×120×167	SLP1DF02N3K50	4.4
	50	48	0.5	16	16		130	D	22	13	F	165×120×167	SLP1DF02E3K50	4.4
	50	48	0.5	16	16	13	120	D	22	13	F	165×120×167	SLP1DF02V3K50	4.4

SLP 2/2-way large diameter pilot operated solenoid valve · normally closed

Valve Selection List (Flange Connection)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Fluids Temp.	Coil F class Type	Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
		Min.	Max.						VA AC 220 V			W DC 24 V			
			Air Gas		Water Hot water Liquids		Light oil								
			AC	DC	AC	DC	AC	DC							
25	12	0.5	16	16	16	16	13	13	80	D	22	13	SLP1DF02N3F25	2.7	
25	12	0.5	16	16	16	16			120	D	22	13	SLP1DF02E3F25	2.7	
25	12	0.5	16	16	16	16	13	13	120	D	22	13	SLP1DF02V3F25	2.7	
35	22	0.5	16	16	16	16	13	13	80	D	22	13	SLP1DF02N3F35	5	
35	22	0.5	16	16	16	16			120	D	22	13	SLP1DF02E3F35	5	
35	22	0.5	16	16	16	16	13	13	120	D	22	13	SLP1DF02V3F35	5	
40	30	0.5	16	16	16	16	13	13	80	D	22	13	SLP1DF02N3F40	5.3	
40	30	0.5	16	16	16	16			120	D	22	13	SLP1DF02E3F40	5.3	
40	30	0.5	16	16	16	16	13	13	120	D	22	13	SLP1DF02V3F40	5.3	
50	48	0.5	16	16	16	16	13	13	80	D	22	13	SLP1DF02N3F50	7.9	
50	48	0.5	16	16	16	16			120	D	22	13	SLP1DF02E3F50	7.9	
50	48	0.5	16	16	16	16	13	13	120	D	22	13	SLP1DF02V3F50	7.9	
65	52	1	12	10	12	10	8	6	80	D	33	20	SLP1DF02N4F65	13.5	
65	52	1	12	10	12	10			120	D	33	20	SLP1DF02E4F65	13.5	
65	52	1	12	10	12	10	8	6	120	D	33	20	SLP1DF02V4F65	13.5	
80	80	1	12	10	12	10	8	6	80	D	33	20	SLP1DF02N4F80	15.6	
80	80	1	12	10	12	10			120	D	33	20	SLP1DF02E4F80	15.6	
80	80	1	12	10	12	10	8	6	120	D	33	20	SLP1DF02V4F80	15.6	
100	128	1	12	10	12	10	8	6	80	D	33	20	SLP1DF02N4F100	22	
100	128	1	12	10	12	10			120	D	33	20	SLP1DF02E4F100	22	
100	128	1	12	10	12	10	8	6	120	D	33	20	SLP1DF02V4F100	22	

External Dimensions Chart

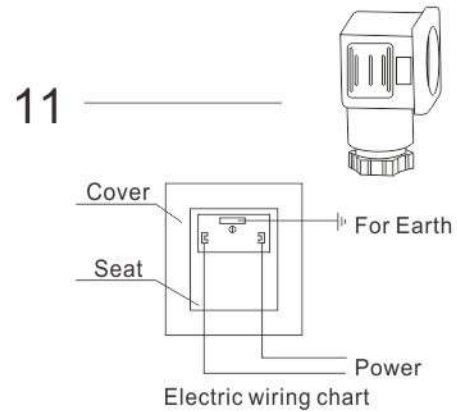
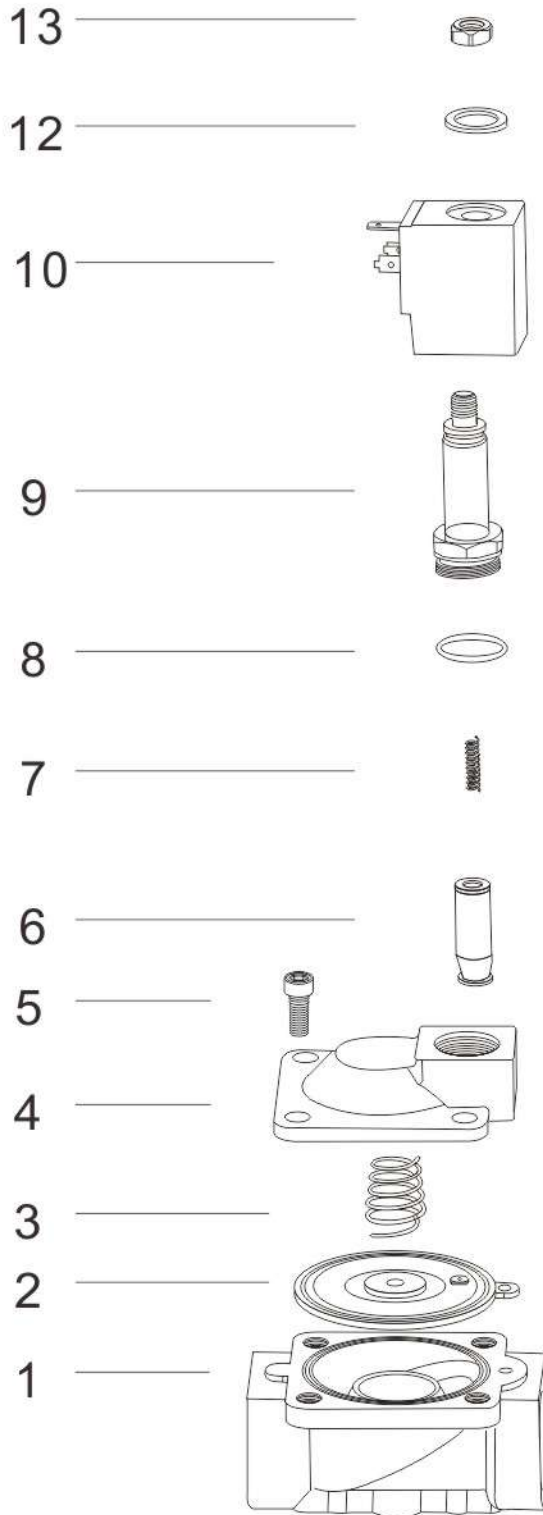


	A	B	C	ΦD	ΦE	N-ΦF	ΦG	H
DN25	134	13	2	110	58	4-14	85	160
DN32	160	15	2	135	74	4-18	100	175
DN40	160	15	2	145	84	4-18	110	180
DN50	200	16	2	160	88	4-18	125	207
DN65	250	19	3	185	118	4-18	145	250
DN80	270	19	3	202	134	4-18	160	262
DN100	340	21	3	220	162	8-18	180	287

Sanlixin Solenoid Valve

SLP 2/2-way large diameter pilot operated solenoid valve • normally closed

Components Chart



Code	Components
01	Valve Body
02	Diaphragm
03	Diaphragm Spring
04	Valve Cover
05	Bolts
06	Plunger Assembly
07	Plunger Spring
08	O Ring $\phi 18 \times 1.5$
09	Plunger Tube Assembly
10	Coil
11	Plug
12	Gasket
13	Locknut

SLP plastic series 2/2-way pilot operated solenoid valve · normally closed

- 1:** 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
- 2:** Body material: Nylon
- 3:** Max. Allowable pressure 13kgf/cm²; Ambient Temp. 0°C~65°C
- 4:** Serialized products, small in size, large flow rate, widely use
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage
- 7:** This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.
- 8:** Coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Min.	Operating pressure differential (kgf/cm ²) Max.			Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length xWidth x Height A x B x H	Model Code Follows Voltage Are 220VAC 50/60HZ	Weight (KG)
				Air Gas	Water Hot water Liquids	Light oil ≤ 20CST			VA	W				
									220 V	24 V				
3/8"	13	4.5	0.5	10	10	6	80	D	22	13	F	76×52×112	SLP1DF02N7C13	0.38
	13	4.5	0.5	10	10		80	D	22	13	F	76×52×112	SLP1DF02E7C13	0.38
	13	4.5	0.5	10	10	6	80	D	22	13	F	76×52×112	SLP1DF02V7C13	0.38
1/2"	13	4.5	0.5	10	10	6	80	D	22	13	F	76×52×112	SLP1DF02N7D13	0.37
	13	4.5	0.5	10	10		80	D	22	13	F	76×52×112	SLP1DF02E7D13	0.37
	13	4.5	0.5	10	10	6	80	D	22	13	F	76×52×112	SLP1DF02V7D13	0.37
3/4"	20	7.6	0.5	10	10	6	80	D	22	13	F	90×71×116	SLP1DF02N7E20	0.43
	20	7.6	0.5	10	10		80	D	22	13	F	90×71×116	SLP1DF02E7E20	0.43
	20	7.6	0.5	10	10	6	80	D	22	13	F	90×71×116	SLP1DF02V7E20	0.43
1"	25	12	0.5	10	10	6	80	D	22	13	F	111×91×123	SLP1DF02N7G25	0.49
	25	12	0.5	10	10		80	D	22	13	F	111×91×123	SLP1DF02E7G25	0.49
	25	12	0.5	10	10	6	80	D	22	13	F	111×91×123	SLP1DF02V7G25	0.49
1 1/4"	35	22	0.5	10	10	6	80	D	22	13	F	158×115×141	SLP1DF02N7H35	0.85
	35	22	0.5	10	10		80	D	22	13	F	158×115×141	SLP1DF02E7H35	0.85
	35	22	0.5	10	10	6	80	D	22	13	F	158×115×141	SLP1DF02V7H35	0.85
1 1/2"	40	30	0.5	10	10	6	80	D	22	13	F	158×115×141	SLP1DF02N7J40	0.78
	40	30	0.5	10	10		80	D	22	13	F	158×115×141	SLP1DF02E7J40	0.78
	40	30	0.5	10	10	6	80	D	22	13	F	158×115×141	SLP1DF02V7J40	0.78

Sanlixin Solenoid Valve

SLP 2/2-way large diameter pilot operated solenoid valve · normally open

1: 2-Way normally open solenoid valve;

Open when de-energized, closed when energized.

2: Body material: brass

3: Max. Allowable pressure 16kgf/cm²; Ambient Temp. 0°C~65°C

4: Serialized products, small in size, large flow rate, widely use.

5: Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.

6: Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;

Voltage Tolerance: +10% to -10% applicable voltage.

7: This series valves are offered NBR, VITON, EPDM etc for

Seals and diaphragm to provide on-off control of various fluids.

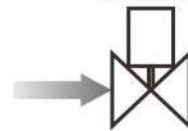


Normally Open

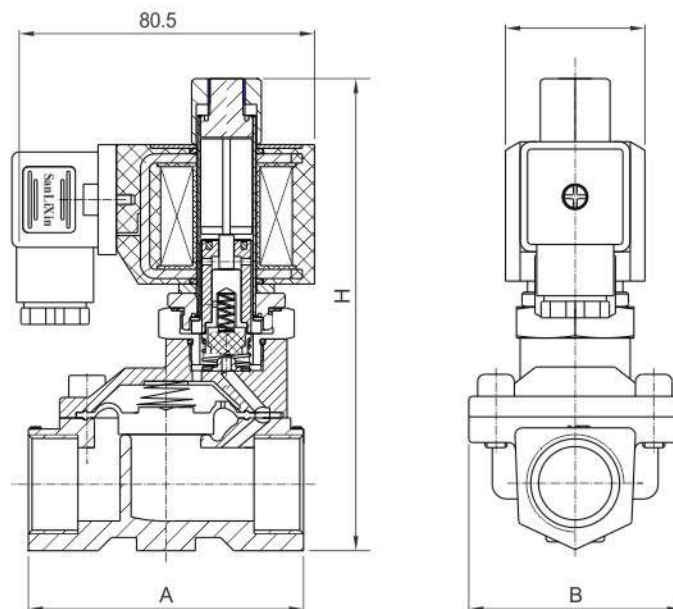
**De-energized
Open**



**Energized
Closed**



Construction, External Dimensions Chart





SLP 2/2-way large diameter pilot operated solenoid valve • normally open

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
			Min.	Max.					VA AC 220 V	W DC 24 V				
				Air Gas	Water Hot water Liquids	Light oil ≤ 20CST								
3/8"	13	4.5	0.5	13	13	8	80	D	20	20	F	66×48×124	SLP2DF02N1C13	0.9
	13	4.5	0.5	13	13		120	D	20	20	F	66×48×124	SLP2DF02E1C13	0.9
	13	4.5	0.5	13	13	8	120	D	20	20	F	66×48×124	SLP2DF02V1C13	0.9
1/2"	13	4.5	0.5	13	13	8	80	D	20	20	F	66×48×124	SLP2DF02N1D13	0.9
	13	4.5	0.5	13	13		120	D	20	20	F	66×48×124	SLP2DF02E1D13	0.9
	13	4.5	0.5	13	13	8	120	D	20	20	F	66×48×124	SLP2DF02V1D13	0.9
3/4"	20	7.6	0.5	13	13	8	80	D	20	20	F	75×58×130	SLP2DF02N1E20	1.1
	20	7.6	0.5	13	13		120	D	20	20	F	75×58×130	SLP2DF02E1E20	1.1
	20	7.6	0.5	13	13	8	120	D	20	20	F	75×58×130	SLP2DF02V1E20	1.1
1"	20	7.6	0.5	13	13	8	80	D	20	20	F	81×58×136	SLP2DF02N1G20	1.3
	20	7.6	0.5	13	13	8	120	D	20	20	F	81×58×136	SLP2DF02E1G20	1.3
	20	7.6	0.5	13	13	8	120	D	20	20	F	81×58×136	SLP2DF02V1G20	1.3
	25	12	0.5	13	13	8	80	D	20	20	F	96×70×143	SLP2DF02N1G25	1.6
	25	12	0.5	13	13		120	D	20	20	F	96×70×143	SLP2DF02E1G25	1.6
	25	12	0.5	13	13	8	120	D	20	20	F	96×70×143	SLP2DF02V1G25	1.6
1-1/4"	35	22	0.5	8	8	8	80	D	20	20	F	131×96×158	SLP2DF02N1H35	3
	35	22	0.5	8	8		120	D	20	20	F	131×96×158	SLP2DF02E1H35	3
	35	22	0.5	8	8	8	120	D	20	20	F	131×96×158	SLP2DF02V1H35	3
1-1/2"	40	30	0.5	8	8	8	80	D	20	20	F	131×96×158	SLP2DF02N1J40	2.8
	40	30	0.5	8	8		120	D	20	20	F	131×96×158	SLP2DF02E1J40	2.8
	40	30	0.5	8	8	8	120	D	20	20	F	131×96×158	SLP2DF02V1J40	2.8
2"	40	30	0.5	8	8	8	80	D	20	20	F	136×96×164	SLP2DF02N1K40	3.2
	40	30	0.5	8	8	8	120	D	20	20	F	136×96×164	SLP2DF02E1K40	3.2
	40	30	0.5	8	8	8	120	D	20	20	F	136×96×164	SLP2DF02V1K40	3.2
	50	48	0.5	8	8	8	80	D	20	20	F	165×120×179	SLP2DF02N1K50	4.2
	50	48	0.5	8	8		120	D	20	20	F	165×120×179	SLP2DF02E1K50	4.2
	50	48	0.5	8	8	8	120	D	20	20	F	165×120×179	SLP2DF02V1K50	4.2

Sanlixin Solenoid Valve

SLP 2/2-way large diameter pilot operated solenoid valve · normally open

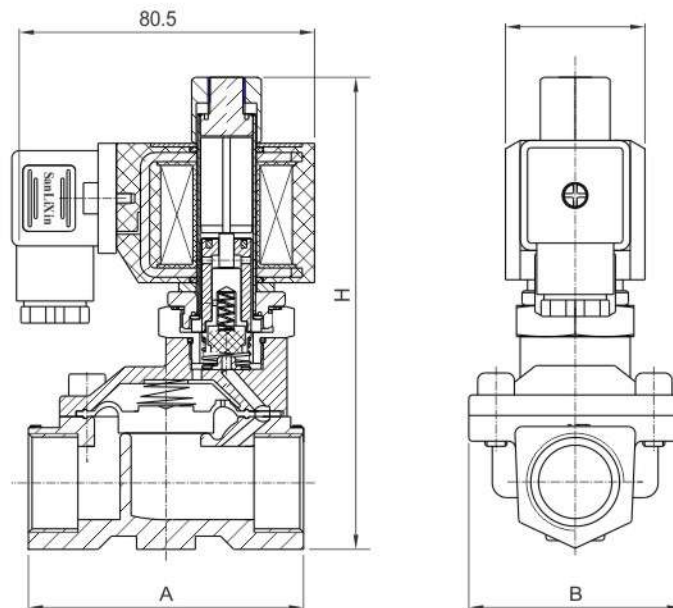
- 1:** 2-Way normally open solenoid valve; Open when de-energized, closed when energized.
- 2:** Body material: 316 stainless steel
- 3:** Max. Allowable pressure 12kgf/cm²; Ambient Temp. 0°C~65°C
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage.
- 7:** This series valves are offered NBR、VITON、EPDM etc for Seals and diaphragm to provide on-off control of various fluids.



Normally Open



Construction, External Dimensions Chart





SLP 2|2-way large diameter pilot operated solenoid valve · normally open

Valve Selection List (Female connection)

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
			Min.	Max.					VA AC 220 V	W DC 24 V				
				Air Gas	Water Hot water Liquids	Light oil ≤ 20CST								
3/8"	13	4.5	0.5	13	13	8	80	D	20	20	F	66×48×124	SLP2DF02N3C13	0.95
	13	4.5	0.5	13	13		120	D	20	20	F	66×48×124	SLP2DF02E3C13	0.95
	13	4.5	0.5	13	13	8	120	D	20	20	F	66×48×124	SLP2DF02V3C13	0.95
1/2"	13	4.5	0.5	13	13	8	80	D	20	20	F	66×48×124	SLP2DF02N3D13	0.9
	13	4.5	0.5	13	13		120	D	20	20	F	66×48×124	SLP2DF02E3D13	0.9
	13	4.5	0.5	13	13	8	120	D	20	20	F	66×48×124	SLP2DF02V3D13	0.9
3/4"	20	7.6	0.5	13	13	8	80	D	20	20	F	75×58×130	SLP2DF02N3E20	1.1
	20	7.6	0.5	13	13		120	D	20	20	F	75×58×130	SLP2DF02E3E20	1.1
	20	7.6	0.5	13	13	8	120	D	20	20	F	75×58×130	SLP2DF02V3E20	1.1
1"	20	7.6	0.5	13	13	8	80	D	20	20	F	81×58×136	SLP2DF02N3G20	1.2
	20	7.6	0.5	13	13	8	120	D	20	20	F	81×58×136	SLP2DF02E3G20	1.2
	20	7.6	0.5	13	13	8	120	D	20	20	F	81×58×136	SLP2DF02V3G20	1.2
	25	12	0.5	13	13	8	80	D	20	20	F	96×70×143	SLP2DF02N3G25	1.5
	25	12	0.5	13	13		120	D	20	20	F	96×70×143	SLP2DF02E3G25	1.5
	25	12	0.5	13	13	8	120	D	20	20	F	96×70×143	SLP2DF02V3G25	1.5
1 1/4"	35	22	0.5	8	8	8	80	D	20	20	F	131×96×158	SLP2DF02N3H35	2.8
	35	22	0.5	8	8		120	D	20	20	F	131×96×158	SLP2DF02E3H35	2.8
	35	22	0.5	8	8	8	120	D	20	20	F	131×96×158	SLP2DF02V3H35	2.8
1 1/2"	40	30	0.5	8	8	8	80	D	20	20	F	131×96×158	SLP2DF02N3J40	2.7
	40	30	0.5	8	8		120	D	20	20	F	131×96×158	SLP2DF02E3J40	2.7
	40	30	0.5	8	8	8	120	D	20	20	F	131×96×158	SLP2DF02V3J40	2.7
2"	40	30	0.5	8	8	8	80	D	20	20	F	136×96×164	SLP2DF02N3K40	2.9
	40	30	0.5	8	8	8	120	D	20	20	F	136×96×164	SLP2DF02E3K40	2.9
	40	30	0.5	8	8	8	120	D	20	20	F	136×96×164	SLP2DF02V3K40	2.9
	50	48	0.5	8	8	8	80	D	20	20	F	165×120×179	SLP2DF02N3K50	4.6
	50	48	0.5	8	8		120	D	20	20	F	165×120×179	SLP2DF02E3K50	4.6
	50	48	0.5	8	8	8	120	D	20	20	F	165×120×179	SLP2DF02V3K50	4.6

Sanlixin Solenoid Valve

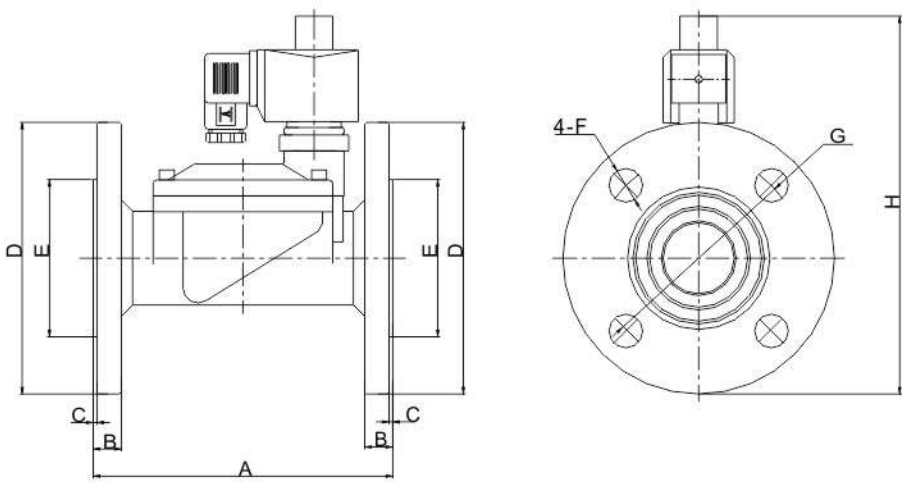
SLP 2/2-way large diameter pilot operated solenoid valve • normally open

Valve Selection List (Flange connection)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Max. Fluids Temp.	Coil F Lass Type	Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
		Min.	Max.								VA AC 220 V	W DC 24 V		
			Air Gas		Water Hot water Liquids		Light oil							
			AC	DC	AC	DC	AC	DC						
25	12	0.5	13	13	13	13	8	8	80	D	20	20	SLP2DF02N3F25	2.9
25	12	0.5	13	13	13	13			120	D	20	20	SLP2DF02E3F25	2.9
25	12	0.5	13	13	13	13	8	8	120	D	20	20	SLP2DF02V3F25	2.9
35	22	0.5	8	8	8	8	8	8	80	D	20	20	SLP2DF02N3F35	5.2
35	22	0.5	8	8	8	8			120	D	20	20	SLP2DF02E3F35	5.2
35	22	0.5	8	8	8	8	8	8	120	D	20	20	SLP2DF02V3F35	5.2
40	30	0.5	8	8	8	8	8	8	80	D	20	20	SLP2DF02N3F40	5.5
40	30	0.5	8	8	8	8			120	D	20	20	SLP2DF02E3F40	5.5
40	30	0.5	8	8	8	8	8	8	120	D	20	20	SLP2DF02V3F40	5.5
50	48	0.5	8	8	8	8	8	8	80	D	20	20	SLP2DF02N3F50	8.1
50	48	0.5	8	8	8	8			120	D	20	20	SLP2DF02E3F50	8.1
50	48	0.5	8	8	8	8	8	8	120	D	20	20	SLP2DF02V3F50	8.1
65	52	1	8	8	8	8	6	6	80	D	33	20	SLP2DF02N4F65	13.7
65	52	1	8	8	8	8			120	D	33	20	SLP2DF02E4F65	13.7
65	52	1	8	8	8	8	6	6	120	D	33	20	SLP2DF02V4F65	13.7
80	80	1	8	8	8	8	6	6	80	D	33	20	SLP2DF02N4F80	15.8
80	80	1	8	8	8	8			120	D	33	20	SLP2DF02E4F80	15.8
80	80	1	8	8	8	8	6	6	120	D	33	20	SLP2DF02V4F80	15.8
100	128	1	8	8	8	8	6	6	80	D	33	20	SLP2DF02N4F100	22.2
100	128	1	8	8	8	8			120	D	33	20	SLP2DF02E4F100	22.2
100	128	1	8	8	8	8	6	6	120	D	33	20	SLP2DF02V4F100	22.2

SLP 2/2-way large diameter pilot operated solenoid valve · normally open

Construction, External Dimensions Chart



	A	B	C	ΦD	ΦE	ΦF	ΦG	H
SLP-25BHF	134	13	2	110	58	4-14	85	172
SLP-32BHF	160	15	2	135	74	4-18	100	187
SLP-40BHF	160	15	2	145	84	4-18	110	192
SLP-50BHF	200	16	2	160	88	4-18	125	219
SLP-65BHF	250	19	3	185	118	4-18	145	262
SLP-80BHF	270	19	3	200	134	4-18	160	274
SLP-100BHF	340	21	3	220	162	8-18	182	299

Sanlixin Solenoid Valve

SLP plastic series 2/2-way pilot operated solenoid valve • normally open

- 1:** 2-Way normally open solenoid valve; Open when de-energized, closed when energized.
- 2:** Body material: Nylon
- 3:** Max. Allowable pressure 13kgf/cm²; Ambient Temp. 0°C~65°C
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage.
- 7:** This series valves are offered NBR、VITON、EPDM etc for
Seals and diaphragm to provide on-off control of various fluids.



Valve Selection List (Female connection)

Pipe Conn- ection	Orifice mm	CV Factor	Min.	Operating pressure differential (kgf/cm ²)			Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
				Max.					VA AC 220 V	W DC 24 V				
				Air Gas	Water Hot water Liquids	Light oil ≤ 20CST								
3/8"	13	4.5	0.5	8	8	5	80	D	20	20	F	76×52×129	SLP2DF02N7C13	0.53
	13	4.5	0.5	8	8		80	D	20	20	F	76×52×129	SLP2DF02E7C13	0.53
	13	4.5	0.5	8	8	5	80	D	20	20	F	76×52×129	SLP2DF02V7C13	0.53
1/2"	13	4.5	0.5	8	8	5	80	D	20	20	F	76×52×129	SLP2DF02N7D13	0.52
	13	4.5	0.5	8	8		80	D	20	20	F	76×52×129	SLP2DF02E7D13	0.52
	13	4.5	0.5	8	8	5	80	D	20	20	F	76×52×129	SLP2DF02V7D13	0.52
3/4"	20	7.6	0.5	8	8	5	80	D	20	20	F	90×71×133	SLP2DF02N7E20	0.58
	20	7.6	0.5	8	8		80	D	20	20	F	90×71×133	SLP2DF02E7E20	0.58
	20	7.6	0.5	8	8	5	80	D	20	20	F	90×71×133	SLP2DF02V7E20	0.58
1"	25	12	0.5	8	8	5	80	D	20	20	F	111×91×141	SLP2DF02N7G25	0.65
	25	12	0.5	8	8		80	D	20	20	F	111×91×141	SLP2DF02E7G25	0.65
	25	12	0.5	8	8	5	80	D	20	20	F	111×91×141	SLP2DF02V7G25	0.65
1 1/4"	35	22	0.5	8	8	5	80	D	20	20	F	158×115×158	SLP2DF02N7H35	1.0
	35	22	0.5	8	8		80	D	20	20	F	158×115×158	SLP2DF02E7H35	1.0
	35	22	0.5	8	8	5	80	D	20	20	F	158×115×158	SLP2DF02V7H35	1.0
1 1/2"	40	30	0.5	8	8	5	80	D	20	20	F	158×115×158	SLP2DF02N7J40	0.9
	40	30	0.5	8	8		80	D	20	20	F	158×115×158	SLP2DF02E7J40	0.9
	40	30	0.5	8	8	5	80	D	20	20	F	158×115×158	SLP2DF02V7J40	0.9

SLP series coil parameters tables

SLP Series Coils Characteristics List

Coils Model Code	Voltage	Power consumption					Suitable Valve Model
		50HZ VA		60HZ VA		DC	
		Inrush	Holding	Inrush	Holding	W	
D04-3101 N04-3101	AC220V	55	22	55	18	SLP Normally Closed Series	
D04-3102 N04-3102	AC110V	55	22	55	18		
D04-3104 N04-3104	AC24V	45	18	45	15		
D04-3106 N04-3106	DC24V	—————				13	SLP micro Normally Open Series φ 1.5~3mm
D04-3107 N04-3107	DC12V	—————				13	
D01-4101 N01-4101	AC220V	82	20	60	20	SLP Normally Open Series	
D01-4102 N01-4102	AC110V	82	28	82	28		
D01-4106 N01-4106	DC24V	—————					20
D03-5107 N03-5107	DC12V	—————					28.5
D01-4101	AC220V	82	33	82	28	φ 65~100mm SLP Normally Closed	
D01-4106	DC24V	—————					20

SM Coil parameters tables

Coils Model Code	Voltage	Power consumption		Electricity		The orifice for suitable Valve Model. (mm)	
		Inrush	holding	Inrush	holding	Normally closed	Normally open
SM-3101	AC220V	78VA	4.5VA	350mA	20mA	φ 3.0- φ 50	—————
SM-3102	AC110V	72VA	5.0VA	660mA	45mA		
SM-3106	DC24V	80W	7.2W	3300mA	310mA		
SM-3104	AC24V	52VA	6.3VA	2600mA	320mA		
SM-3107	DC12V	35W	8.5W	2900mA	700mA		
SM-4101	AC220V	130VA	6.0VA	590mA	28mA	φ 65- φ 100	—————
SM-4102	AC110V	95VA	8.0VA	900mA	75mA		
SM-4106	DC24V	98W	8.8W	4050mA	365mA		
SM-4104	AC24V	66VA	6.8VA	3400mA	360mA		
SM-4107	DC12V	45W	4.5W	3750mA	380mA		

Sanlixin Solenoid Valve

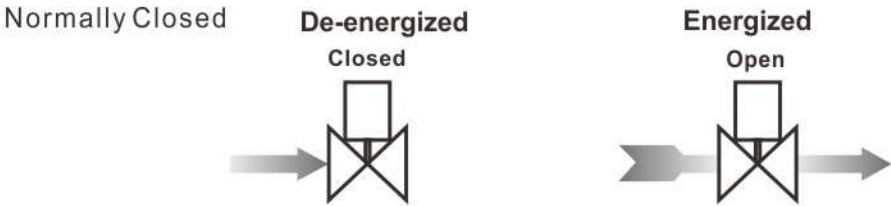
SLA 2/2-way pilot operated piston solenoid valve · normally closed

Solenoid Valves Numbering System for Order

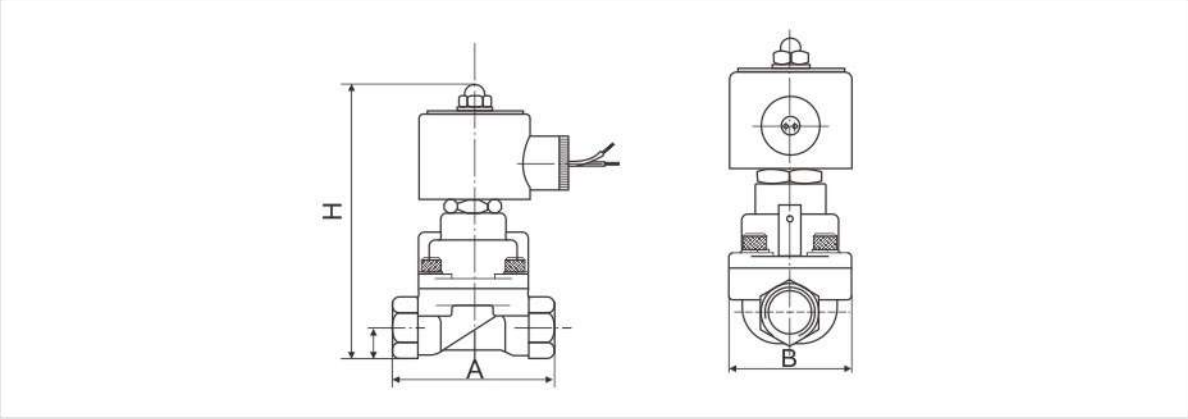
Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
E.G.	SLA	1	W	H	01	T	1	D	15	<input type="checkbox"/>
	SLA Series	1: Normally Closed 2: Normally Open	W: Metallic Housing, Lead wires A: Metallic Housing, DIN Standard D: DIN Standard Connections, Fully Encapsulated N: Lead Wires, Water-tight, Fully Encapsulated U= Under water S: NASS Coil X: Explosion-proof M: SM Coil	H: H Class F: F Class H: H Class F: F Class	02=220VAC 230VAC 50/60HZ 01=110VAC 120VAC 50/60HZ 05=24VAC 13=DC24V 12=DC12V Contact the company for other voltage	T: Teflon +Fiberglass (for orifice under φ 5.5mm only) V: VITON E: EPDM N: NBR	Ferred Brass 4= SS304 (Normal regualtions) 3= SS316 4= SS304	A: 1/8" B: 1/4" C: 3/8" D: 1/2" E: 3/4" G: 1" H: 1 1/4" J: 1 1/2" K: 2" F: Flange Connection	C3=2.5 C6=4.5 C6=4.5 15=15.0 C6=4.5 15=15.0 20=20.0 25=25.0 35=35. 50=50. 25=25.0 35=35.0 40=35.0 50=50.0 65=65.0 80=80.0 100=100.0	L: Neon Lamp N: NPT Connection T: Timers M: Manual Override

SLA 2/2-way pilot operated piston solenoid valve · normally closed

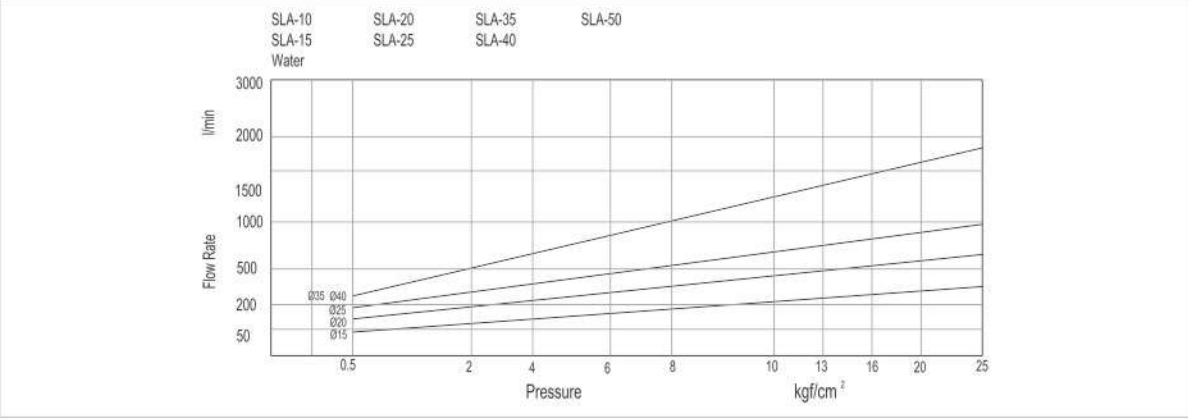
- 1:** 2-Way normally closed solenoid valve; Closed when de-energized, open when energized.
- 2:** Body material: brass
- 3:** Max. Allowable pressure 40kgf/cm²; Ambient Temp. 0°C~65°C (F CLASS) , 0°C~80°C (H CLASS)
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC; Voltage Tolerance: + 10% to -10%applicable voltage.
- 7:** Coil can fix Germany NASS Coil,Standard storage: 220VAC/230VAC/240VAC 50/60HZ 24V
- 8:** This series valves are offered Teflon for Seals to provide on-off control of various fluids.



Construction, External Dimensions Chart



Flow Chart



Sanlixin Solenoid Valve

SLA 2/2-way pilot operated piston solenoid valve • normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length xWidth x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
			Min.	Air Gas		Max. Water Hot water Liquids		Light oil		Steam			VA	W					
				AC	DC	AC	DC	AC	DC										AC/ DC
1/8"	2.5	0.23	0	13	13	13	13	7	7	10	180	D	22	13	H	48×25×85.5	SLA1SH02T1AC3	0.45	
	2.5	0.23	0	13	13	13	13	7	7		110	D	22	13	F	48×25×85.5	SLA1DF02V1AC3	0.45	
	2.5	0.23	0	13	13	13	13	7	7		135	D	22	13	H	48×25×85.5	SLA1DF02E1AC3	0.45	
	2.5	0.23	0	13	13	13	13	7	7		80	D	22	13	F	48×25×85.5	SLA1DF02N1AC3	0.45	
	4.5	0.6	0	7	4	7	4	4	4	7	165	D	22	13	H	58×25×85.5	SLA1SH02T1AC6	0.55	
	4.5	0.6	0	7	4	7	4	4	4		110	D	22	13	F	58×25×85.5	SLA1DF02V1AC6	0.55	
	4.5	0.6	0	7	4	7	4	4	4		135	D	22	13	H	58×25×85.5	SLA1DF02E1AC6	0.55	
1/4"	2.5	0.23	0	13	13	13	13	7	7	10	180	D	22	13	H	48×25×85.5	SLA1SH02T1BC3	0.4	
	2.5	0.23	0	13	13	13	13	7	7		110	D	22	13	F	48×25×85.5	SLA1DF02V1BC3	0.4	
	2.5	0.23	0	13	13	13	13	7	7		135	D	22	13	H	48×25×85.5	SLA1DF02E1BC3	0.4	
	2.5	0.23	0	13	13	13	13	7	7		80	D	22	13	F	48×25×85.5	SLA1DF02N1BC3	0.4	
	4.5	0.6	0	7	4	7	4	4	4	7	165	D	22	13	H	58×25×85.5	SLA1SH02T1BC6	0.5	
	4.5	0.6	0	7	4	7	4	4	4		110	D	22	13	F	58×25×85.5	SLA1DF02V1BC6	0.5	
	4.5	0.6	0	7	4	7	4	4	4		135	D	22	13	H	58×25×85.5	SLA1DF02E1BC6	0.5	
3/8"	15	4.5	0.5	25	20	25	20	20	20		110	D	20	20	F	75×52×129	SLA1DF02V1C15	1.25	
	15	4.5	0.5	10	10	10	10	10	10	10	185	W	30	25	H	75×52×129	SLA1WH02T1C15	1.25	
1/2"	15	4.5	0.5	25	20	25	20	20	20		110	D	20	20	F	75×52×129	SLA1DF02V1D15	1.2	
	15	4.5	0.5	10	10	10	10	10	10	10	185	W	30	25	H	75×52×129	SLA1WH02T1D15	1.2	
3/4"	20	9.0	0.5	25	20	25	20	20	20		110	D	20	20	F	85×60×141	SLA1DF02V1E20	1.5	
	20	9.0	0.5	10	10	10	10	10	10	10	185	W	30	25	H	85×60×141	SLA1WH02T1E20	1.5	
1"	25	13	0.5	25	20	25	20	20	20		110	D	20	20	F	100×70×148	SLA1DF02V1G25	1.9	
	25	13	0.5	10	10	10	10	10	10	10	185	W	30	25	H	100×70×148	SLA1WH02T1G25	1.9	
1 1/4"	35	26	0.5	25	20	25	20	20	20		110	D	20	20	F	120×90×168	SLA1DF02V1H35	3.6	
	35	26	0.5	10	10	10	10	10	10	10	185	W	30	25	H	120×90×168	SLA1WH02T1H35	3.6	
1 1/2"	35	26	0.5	25	20	25	20	20	20		110	D	20	20	F	120×90×168	SLA1DF02V1J35	3.5	
	35	26	0.5	10	10	10	10	10	10	10	185	W	30	25	H	120×90×168	SLA1WH02T1J35	3.5	
2"	45	45	0.5	25	20	25	20	20	20		110	D	20	20	F	150×110×190	SLA1DF02V1K50	4.5	
	45	45	0.5	10	10	10	10	10	10	10	185	W	30	25	H	150×110×190	SLA1WH02T1K50	4.5	

SLA 2/2-way pilot operated piston solenoid valve · normally closed

- 1:** 2-Way normally closed solenoid valve;
Closed when de-energized, open when energized.
- 2:** Body material: 304 stainless steel (standard), 316 stainless steel (special made)
- 3:** Max. Allowable pressure 40kgf/cm²;
Ambient Temp. 0°C~65°C (F CLASS), 0°C~80°C (H CLASS)
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: + 10% to -10% applicable voltage.
- 7:** Coil can fix Germany NASS Coil, Standard storage: 220VAC/230VAC/240VAC 50/60HZ 24VDC
- 8:** This series valves are offered Teflon for Seals to provide on-off control of various fluids.



Valve Selection List (Female Thread)

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential(kgf/cm ²)								Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight KG	
			Min.	Max.									VA AC 220 V	W DC 24 V					
				Air Gas		Water Hot water Liquids		Light oil		Steam AC/ DC									
				AC	DC	AC	DC	AC	DC										
3/8"	15	4.5	0.5	25	20	25	20	20	20	110	D	20	20	F	75×52×129	SLA1DF02V4C15	1.25		
	15	4.5	0.5	10	10	10	10	10	10	185	W	30	25	H	75×52×129	SLA1WH02T4C15	1.25		
1/2"	15	4.5	0.5	25	20	25	20	20	20	110	D	20	20	F	75×52×129	SLA1DF02V4D15	1.2		
	15	4.5	0.5	10	10	10	10	10	10	185	W	30	25	H	75×52×129	SLA1WH02T4D15	1.2		
3/4"	20	9.0	0.5	25	20	25	20	20	20	110	D	20	20	F	85×60×141	SLA1DF02V4E20	1.5		
	20	9.0	0.5	10	10	10	10	10	10	185	W	30	25	H	85×60×141	SLA1WH02T4E20	1.5		
1"	25	13	0.5	25	20	25	20	20	20	110	D	20	20	F	100×70×148	SLA1DF02V4G25	1.9		
	25	13	0.5	10	10	10	10	10	10	185	W	30	25	H	100×70×148	SLA1WH02T4G25	1.9		
1 1/4"	35	26	0.5	25	20	25	20	20	20	110	D	20	20	F	120×90×168	SLA1DF02V4H35	3.6		
	35	26	0.5	10	10	10	10	10	10	185	W	30	25	H	120×90×168	SLA1WH02T4H35	3.6		
1 1/2"	35	26	0.5	25	20	25	20	20	20	110	D	20	20	F	120×90×168	SLA1DF02V4J35	3.5		
	35	26	0.5	10	10	10	10	10	10	185	W	30	25	H	120×90×168	SLA1WH02T4J35	3.5		
2"	45	45	0.5	25	20	25	20	20	20	110	D	20	20	F	150×110×190	SLA1DF02V4K50	4.2		
	45	45	0.5	10	10	10	10	10	10	185	W	30	25	H	150×110×190	SLA1WH02T4K50	4.2		

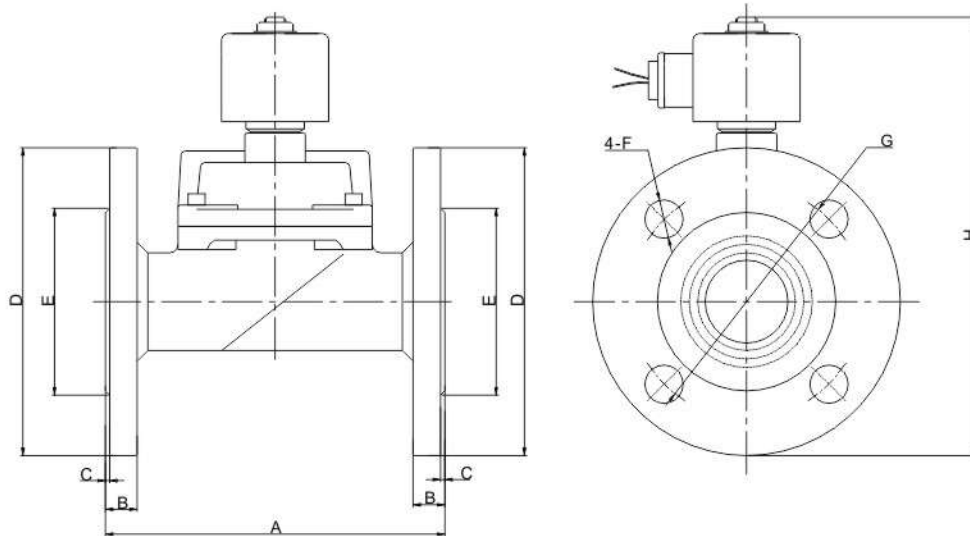
Sanlixin Solenoid Valve

SLA 2/2-way pilot operated piston solenoid valve • normally closed

Valve Selection List (Flange Connection)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Fluids Temp.	Coil		Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
		Min.	Max.								Type	Class	VA	W			
			Air Gas		Water Hot water Liquids		Light oil		Steam AC/ DC				AC 220 V	DC 24 V			
			AC	DC	AC	DC	AC	DC									
25	13	0.5	25	20	25	20	20	20		110	D	F	20	20	SLA1DF02T4F25	3.4	
25	13	0.5	25	20	25	20	20	20	10	185	W	H	30	25	SLA1WH02T4F25	3.4	
35	26	0.5	25	20	25	20	20	20		110	D	F	20	20	SLA1DF02T4F35	6	
35	26	0.5	25	20	25	20	20	20	10	185	W	H	30	25	SLA1WH02T4F35	6	
40	26	0.5	25	20	25	20	20	20		110	D	F	20	20	SLA1DF02T4F40	6.5	
40	26	0.5	25	20	25	20	20	20	10	185	W	H	30	25	SLA1WH02T4F40	6.5	
50	45	0.5	25	20	25	20	20	20		110	D	F	20	20	SLA1DF02T4F50	7.3	
50	45	0.5	25	20	25	20	20	20	10	185	W	H	30	25	SLA1WH02T4F50	7.3	

Construction, External Dimensions Chart



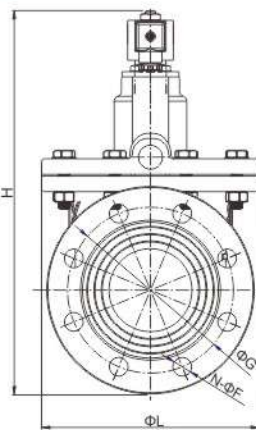
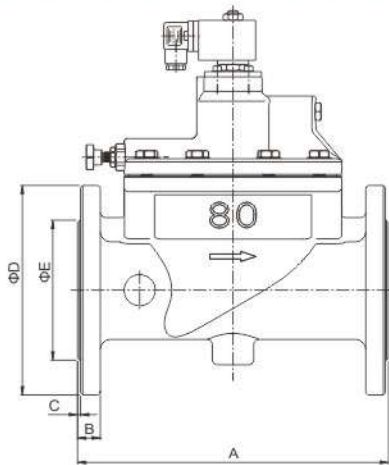
Model	A	B	C	φD	φE	φF	φG	H
DN25	134	13	2	110	58	4-14	85	185
DN32	160	15	2	135	76	4-18	100	200
DN40	160	15	2	145	84	4-18	110	205
DN50	200	16	2	155	88	4-18	125	250

SLA 2/2-way pilot operated piston solenoid valve · normally closed

Valve Selection List (Flange Connection)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Fluids Temp.	Coil		Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
		Min.	Max.								Type	Class			
			Air Gas		Water Hot water Liquids		Light oil		Steam						
AC	DC	AC	DC	AC	DC	AC	DC	AC/DC							
65	52	1	16	16	16	16	16	16	16	110	M	F	SLA1MF02T4F65	24	
65	52	1	16	16	16	16	16	16	10	200	A	H	SLA1AH02T4F65		
80	80	1	16	16	16	16	16	16	16	110	M	F	SLA1MF02T4F80	33	
80	80	1	16	16	16	16	16	16	10	200	A	H	SLA1AH02T4F80		
100	128	1	16	16	16	16	16	16	16	110	M	F	SLA1MF02T4F100	47	
100	128	1	16	16	16	16	16	16	10	200	A	H	SLA1AH02T4F100		
150	290	1	25	20	25	20	20	20	20	110	D	F	SLA1DF02T4F150W	76	
150	290	1	10	10	10	10	10	10	10	185	W	H	SLA1WH02T4F150W		

External Dimensions Chart



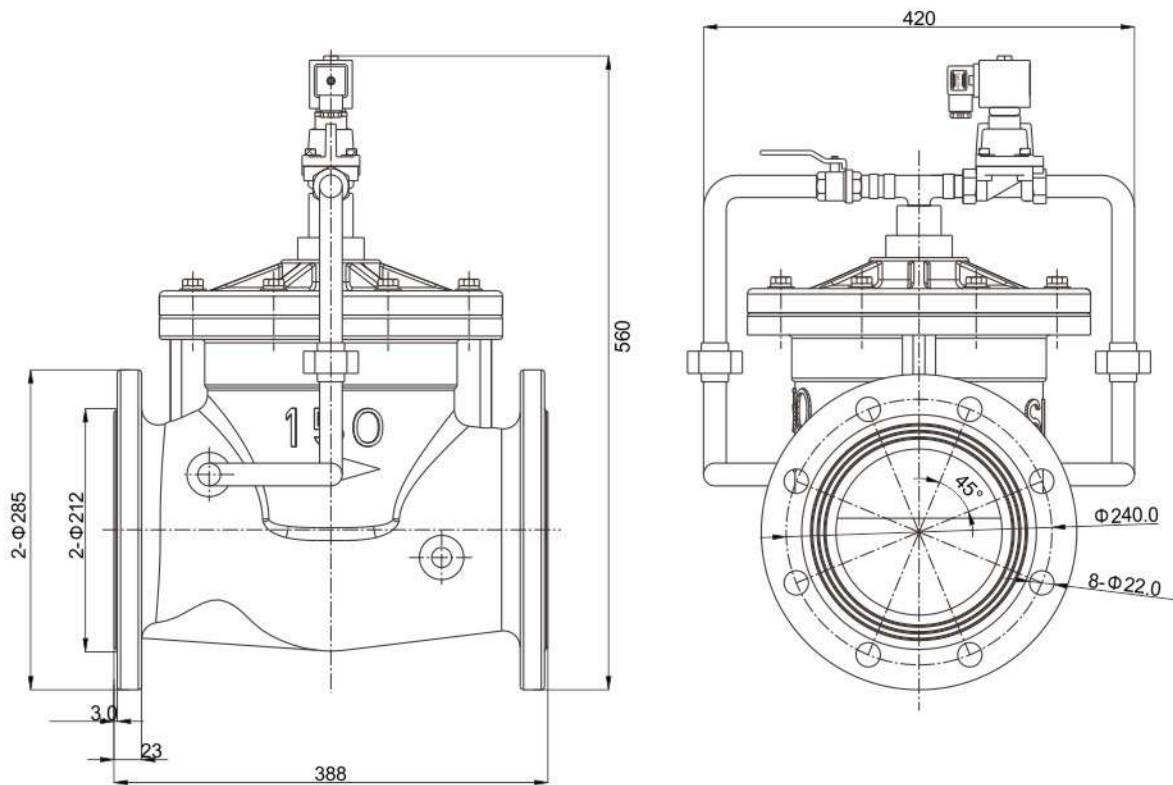
CODE	A	B	C	D	E	F	G	H	Material
SLA-65BF	270	22	3	185	125	18	145	335	SS304
SLA-80BF	300	22	3	200	135	18	165	370	SS304
SLA-100BF	350	24	3	235	165	18	190	410	SS304

Sanlixin Solenoid Valve

SLA 2/2-way pilot operated piston solenoid valve · normally closed



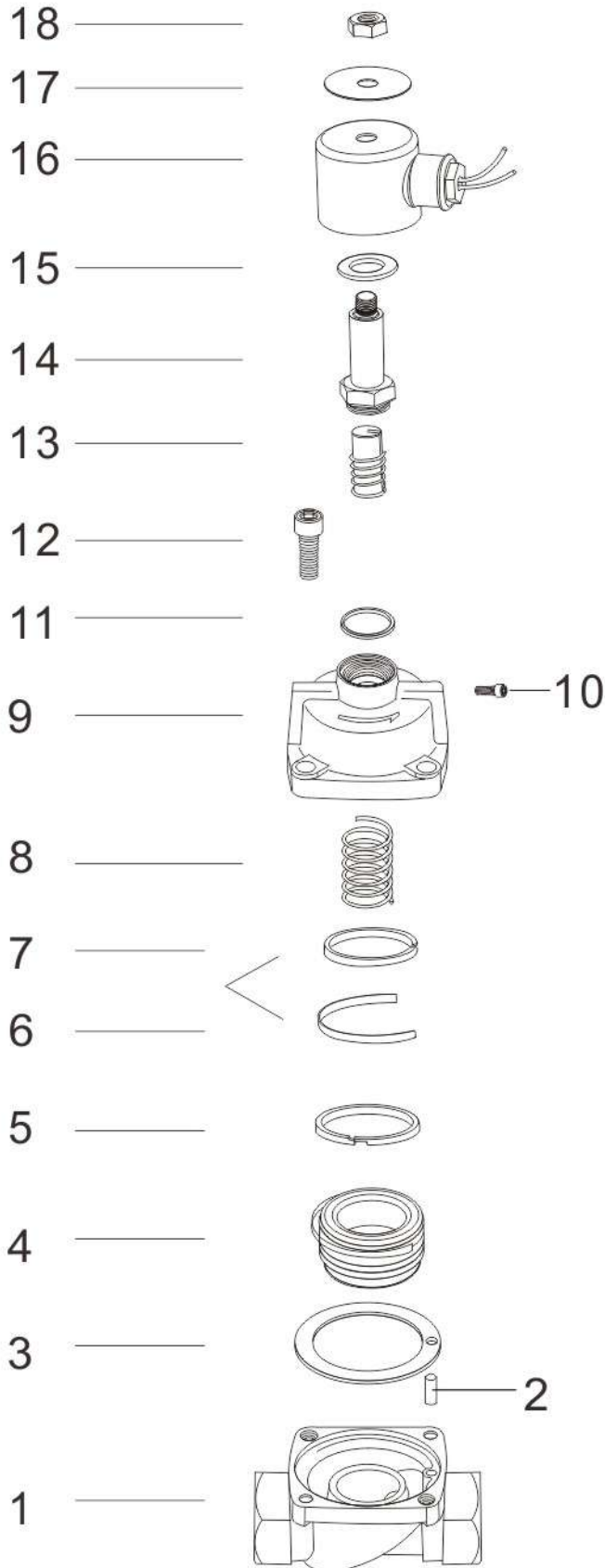
External Dimensions Chart (DN150)





SLA 2/2-way pilot operated piston solenoid valve · normally closed

Components Chart

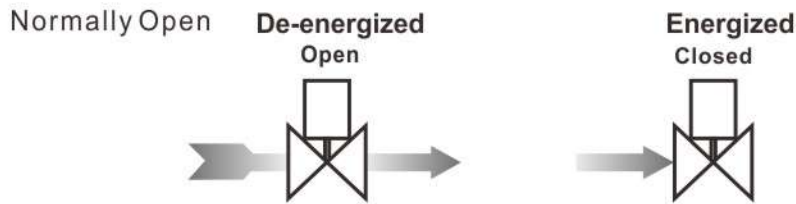


Code	Components
01	Valve Body
02	Fixed Bolt
03	Body Seals Ring
04	Piston Assembly
05	Piston Ring 1
06	Elastic Ring
07	Piston Ring 2
08	Piston Spring
09	Valve Cover
10	Steel Ball
11	Plunger Tube Seal Ring
12	Bolts
13	Plunger Assembly
14	Plunger Tube Assembly
15	Plate
16	Coil
17	Label
18	Lock nut

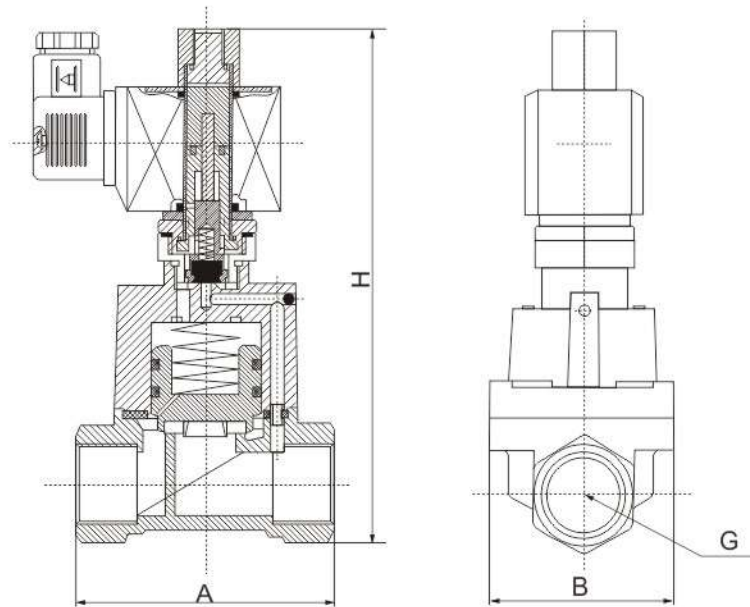
Sanlixin Solenoid Valve

SLA 2/2-way pilot operated piston solenoid valve · normally open

- 1:** 2-Way normally open solenoid valve;
Open when de-energized, closed when energized.
- 2:** Body material: forged brass
- 3:** Max. Allowable pressure 12kgf/cm²;
Ambient Temp. 0°C~65°C (F CLASS) , 0°C~80°C (H CLASS)
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position;
Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage.
- 7:** This series valves are offered Teflon for Seals to provide on-off control of various fluids.



Construction, External Dimensions Chart



SLA 2/2-way pilot operated piston solenoid valve • normally open

Valve Selection List

Pipe Conn- -ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)					Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight KG
			Min.	Max.						VA AC 220 V	W DC 24 V				
				Air Gas	Water Hot water Liquids	Light oil	Steam								
3/8"	15	4.5	0.5	10	10	10	10	110	D	33	20	F	75×52×147	SLA2DF02V1C15	1.45
	15	4.5	0.5	10	10	10	10	130	W	33	32	H	75×52×147	SLA2WH02E1C15	1.45
1/2"	15	4.5	0.5	10	10	10	10	110	D	33	20	F	75×52×147	SLA2DF02V1D15	1.4
	15	4.5	0.5	10	10	10	10	130	W	33	32	H	75×52×147	SLA2WH02E1D15	1.4
3/4"	20	9.0	0.5	10	10	10	10	110	D	33	20	F	85×60×159	SLA2DF02V1E20	1.7
	20	9.0	0.5	10	10	10	10	130	W	33	32	H	85×60×159	SLA2WH02E1E20	1.7
1"	25	13	0.5	10	10	10	10	110	D	33	20	F	100×70×166	SLA2DF02V1G25	2.1
	25	13	0.5	10	10	10	10	130	W	33	32	H	100×70×166	SLA2WH02E1G25	2.1
1 1/4"	35	26	0.5	6	6	6	6	110	D	33	20	F	120×90×186	SLA2DF02V1H35	3.8
	35	26	0.5	6	6	6	6	130	W	33	32	H	120×90×186	SLA2WH02E1H35	3.8
1 1/2"	35	26	0.5	6	6	6	6	110	D	33	20	F	120×90×186	SLA2DF02V1J35	3.7
	35	26	0.5	6	6	6	6	130	W	33	32	H	120×90×186	SLA2WH02E1J35	3.7
2"	50	48	0.5	6	6	6	6	110	D	33	20	F	150×110×205	SLA2DF02V1K50	4.7
	50	48	0.5	6	6	6	6	130	W	33	32	H	150×110×205	SLA2WH02E1K50	4.7

Sanlixin Solenoid Valve

SLA 2/2-way pilot operated piston solenoid valve · normally open

- 1:** 2-Way normally open solenoid valve; Open when de-energized, closed when energized.
- 2:** Body material forged 304 stainless steel (standard) , 316 stainless steel (special made)
- 3:** Max. Allowable pressure 12kgf/cm²; Ambient Temp. 0°C~65°C (F CLASS) , 0°C~80°C (H CLASS)
- 4:** Serialized products, small in size, large flow rate, widely use.
- 5:** Flow as the arrow, mounts in any position;
Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ 24VDC/12VDC;
Voltage Tolerance: +10% to -10% applicable voltage.
- 7:** This series valves are offered Teflon for Seals to provide on-off control of various fluids.



Valve Selection List (Female Thread)

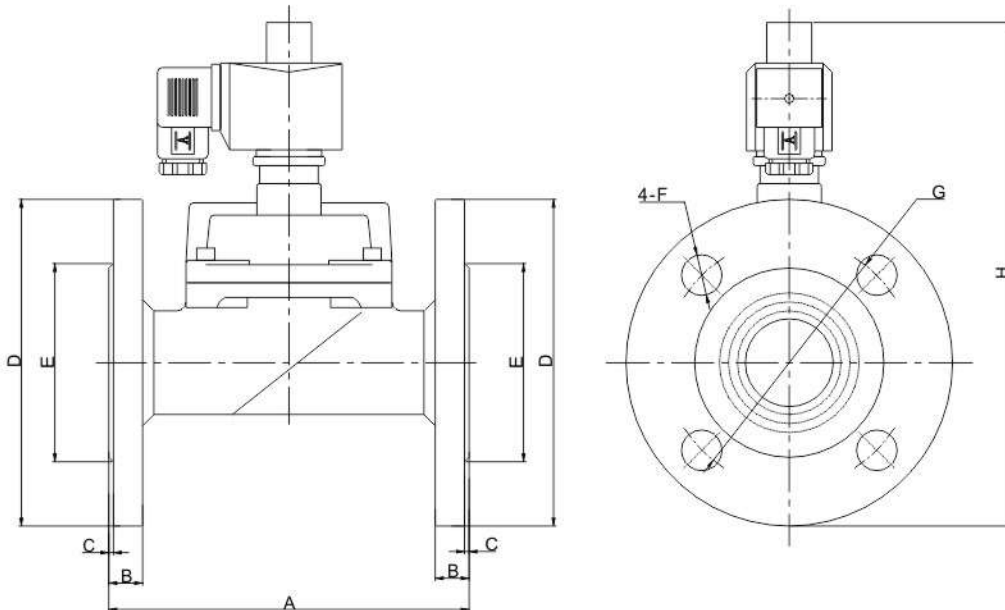
Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)					Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)
			Min.	Max.						VA	W				
				Air Gas	Water Hot water Liquids	Light oil	Steam								
3/8"	15	4.5	0.5	10	10	10	10	110	D	33	20	F	75×52×147	SLA2DF02V4C15	1.45
	15	4.5	0.5	10	10	10	10	130	W	33	32	H	75×52×147	SLA2WH02E4C15	1.45
1/2"	15	4.5	0.5	10	10	10	10	110	D	33	20	F	75×52×147	SLA2DF02V4D15	1.4
	15	4.5	0.5	10	10	10	10	130	W	33	32	H	75×52×147	SLA2WH02E4D15	1.4
3/4"	20	9.0	0.5	10	10	10	10	110	D	33	20	F	85×60×159	SLA2DF02V4E20	1.7
	20	9.0	0.5	10	10	10	10	130	W	33	32	H	85×60×159	SLA2WH02E4E20	1.7
1"	25	13	0.5	10	10	10	10	110	D	33	20	F	100×70×166	SLA2DF02V4G25	2.1
	25	13	0.5	10	10	10	10	130	W	33	32	H	100×70×166	SLA2WH02E4G25	2.1
1 1/4"	35	26	0.5	6	6	6	6	110	D	33	20	F	120×90×186	SLA2DF02V4H35	3.8
	35	26	0.5	6	6	6	6	130	W	33	32	H	120×90×186	SLA2WH02E4H35	3.8
1 1/2"	35	26	0.5	6	6	6	6	110	D	33	20	F	120×90×186	SLA2DF02V4J35	3.7
	35	26	0.5	6	6	6	6	130	W	33	32	H	120×90×186	SLA2WH02E4J35	3.7
2"	50	48	0.5	6	6	6	6	110	D	33	20	F	150×110×205	SLA2DF02V4K50	4.7
	50	48	0.5	6	6	6	6	130	W	33	32	H	150×110×205	SLA2WH02E4K50	4.7

SLA 2/2-way pilot operated piston solenoid valve • normally open

Valve Selection List (Flange Connection)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Fluids Temp.	Coil		Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
		Min.	Max.								Type	Class	VA	W			
			Air Gas		Water Hot water Liquids		Light oil		Steam				AC 220 V	DC 24 V			
			AC	DC	AC	DC	AC	DC	AC/ DC								
25	13	0.5	10	10	10	10	10	10	10	0	110	D	F	33	20	SLA2DF02V4F25	3.6
25	13	0.5	10	10	10	10	10	10	10	10	130	W	H	33	32	SLA2WH02E4F25	3.6
35	26	0.5	6	6	6	6	6	6	6	6	110	D	F	33	20	SLA2DF02V4F35	6.2
35	26	0.5	6	6	6	6	6	6	6	6	130	W	H	33	32	SLA2WH02E4F35	6.2
40	26	0.5	6	6	6	6	6	6	6	6	110	D	F	33	20	SLA2DF02V4F40	6.7
40	26	0.5	6	6	6	6	6	6	6	6	130	W	H	33	32	SLA2WH02E4F40	6.7
45	45	0.5	6	6	6	6	6	6	6	6	110	D	F	33	20	SLA2DF02V4F50	7.5
45	45	0.5	6	6	6	6	6	6	6	6	130	W	H	33	32	SLA2WH02E4F50	7.5

External Dimensions Chart



Model	A	B	C	φD	φE	φF	φG	H
DN25	134	13	2	110	58	4-14	85	201
DN32	160	15	2	135	76	4-18	100	216
DN40	160	15	2	145	84	4-18	110	221
DN50	200	16	2	155	88	4-18	125	266

Sanlixin Solenoid Valve

SLA series coil parameters tables

SLA Series Coils Characteristics List

Coils Model Code	Voltage	Power consumption				DC W	Suitable Valve Model
		50HZ VA		60HZ VA			
		Inrush	Holding	Inrush	Holding		
D04-3101	AC220V	55	22	55	18	SLA Normally Closed Series φ 2.5~4.5mm	
D04-3102	AC110V	55	22	55	18		
D04-3106	DC24V						13
D04-3107	DC12V						13
D01-4101	AC220V	82	20	82	20	SLA Normally Closed Series	
W09-81101	AC220V	67	33	67	33		
D01-4102	AC110V	82	28	82	28		
W09-81102	AC110V	67	33	67	33		
D01-4106	DC24V						20
W09-81106	DC24V						24
D01-4101	AC220V	82	20	82	20	SLA Normally Open Series	
D01-4102	AC110V	82	28	82	28		
D01-4106	DC24V						20
D01-4107	DC12V						20

SLH 2/2-way high temperature solenoid valve · normally closed

SLH 2/2 way normally closed ,high temperature solenoid valve series , it's a common operator in the automatic control system ; adpot the pilot valve , radiator , the pistons(main valve) to be a combination structure design , energized open , de-energized closed .

Mainly used in the automatic open/closed in the pipeline of steam , heat-conducting oil etc high-temperature media

So as to achieve the procedure control or long-distance control of systems and equipment



Main technical parameters

1, Voltage: AC220V AC110V maintain power AC: 33VA (19.5W)

DC24V power DC: 24W

Voltage tolerance: $\pm 10\%$ (Other voltage can be customized)

2, Coil type: Standard H Class Metallic Housing ,lead wires (W type)

3, Media temp: $5^{\circ}\text{C}\sim 225^{\circ}\text{C}$ (Seals Teflon+metal)

4, Media: Steam, heat-conducting oil etc(pls choose according to the related seals)

5, Action: Pilot structure solenoid valve, started by operation pressure

6, Body material: Stainless Steel

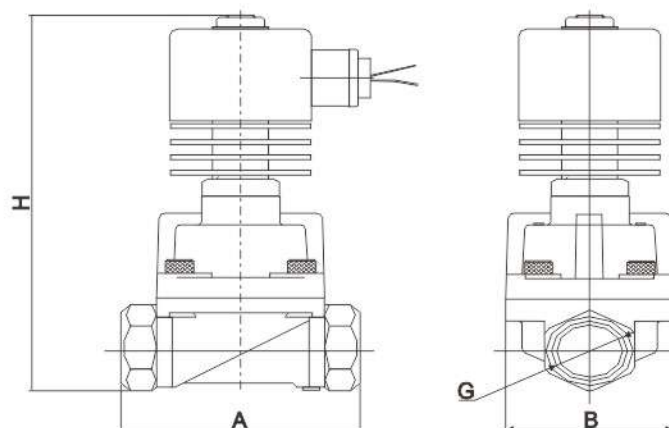
7, Install: Flow as the arrow, solenoid vertical and coil upright direction

Energized/De-energized Working Chart**

Normally Closed



External Dimensions**



Sanlixin Solenoid Valve

SLH 2/2-way high temperature solenoid valve • normally closed

Valve Selection List

Conn- ection thread	Orifice (mm)	CV factor	Operating pressure differential kgf/cm			Max temp. °C	External Dimensions		Model Code Follows Voltage are AC220V	Weight Kg
			min press ure	Max pressure			Length A x Width B x Height H			
				Heat-condu cting oil	Steam					
3/8"	15	4.5	0.5	25	25	225	75x52x159	SLH1WH02T4C15	1.4	
1/2"	15	4.5	0.5	25	25	225	75x52x159	SLH1WH02T4D15	1.36	
3/4"	20	8.0	0.5	25	25	225	85x60x171	SLH1WH02T4E20	1.66	
1"	25	12	0.5	25	25	225	100x70x178	SLH1WH02T4G25	2.06	
1 1/4"	35	22	0.5	25	25	225	120x90x198	SLH1WH02T4H35	3.76	
1 1/2"	35	22	0.5	25	25	225	120x90x198	SLH1WH02T4J35	3.66	
2"	50	45	0.5	25	25	225	150x110x220	SLH1WH02T4K50	4.36	

Solenoid Valves Numbering System for Order

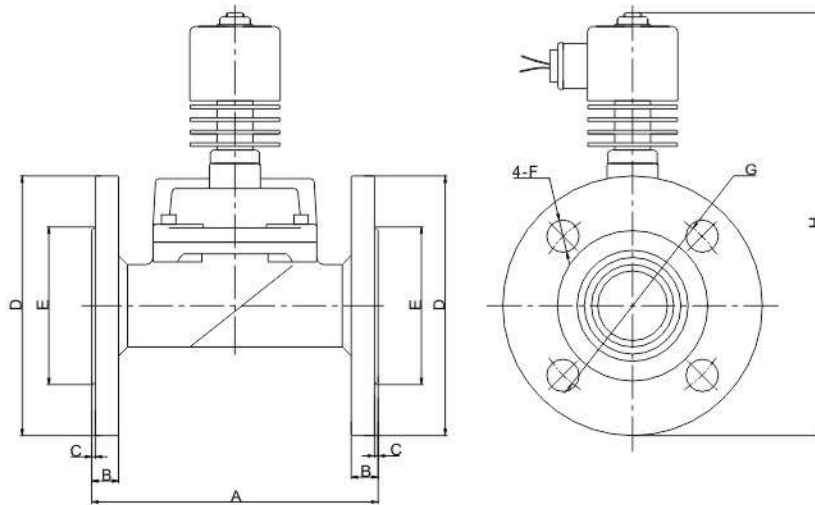
Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seals Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLH	1	W	H	02	T	1	E	20	<input type="checkbox"/>
		1: Normally Colsed	W: Metallic housing, lead wires	H: H class High temp- erature coil	02= AC220V 01= AC110V 08= AC380V 12= DC12V 13= DC24V	T= Teflon +Fiberglass	4= SS304 3= SS316	C =3/8" D =1/2" E =3/4" G =1" H =1 1/4" J =1 1/2" K =2" F =Flange connection	15=15 20=20 25=25 35=35 40=40 50=50 25=25 32=32 40=35 50=45	Code name: N =NPT Connection

SLH 2/2-way high temperature solenoid valve · normally closed

Valve Selection List (Flange Connection)

Orifice mm	CV factor	Operating pressure differential kgf/cm ²			Max temp. °C	Coil		Model Code Follows Voltage are 220VAC 50/60HZ	Weight Kg
		min press ure	Max pressure			Type	Class		
			Heat-condu cting oil	Steam					
25	12	0.5	25	25	225	W	H	SLH1WH02T4F25	3.56
32	22	0.5	25	25	225	W	H	SLH1WH02T4F32	6.16
40	22	0.5	25	25	225	W	H	SLH1WH02T4F40	6.66
50	45	0.5	25	25	225	W	H	SLH1WH02T4F50	7.46

Construction, External Dimensions Chart



Model	A	B	C	ΦD	ΦE	ΦF	ΦG	H
DN25	134	13	2	110	58	4-14	80	215
DN32	160	15	2	135	76	4-18	100	230
DN40	160	15	2	145	84	4-18	110	235
DN50	200	16	2	155	88	4-18	125	280

Sanlixin Solenoid Valve

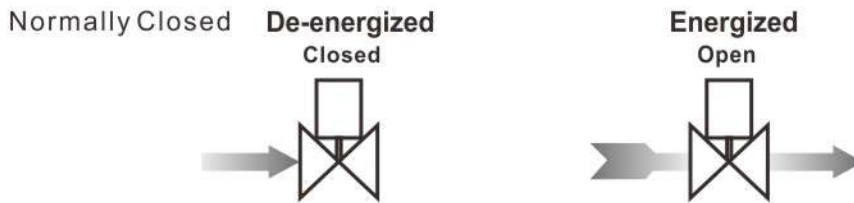
ZCT 2/2-way series solenoid valve • normally closed

Solenoid Valves Numbering System for Order

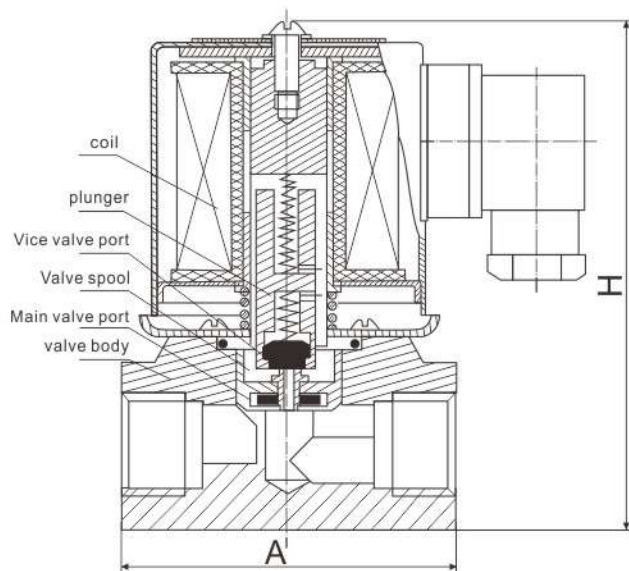
Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seals Material	Body Material	Pipe Size	Orifice (φ mm)	Options
E.G.	ZCT	1	A	H	02	V	5	D	10	<input type="checkbox"/>
	ZCT Series	1: Normally Closed	A: Metallic Housing, DIN Standard D: DIN Standard Connections, Fully Encapsulated (for orifice φ 3mm only) S: NASS Coil	F:F class H:H class	02=220VAC 230VAC 50/60HZ 01=110VAC 120VAC 50/60HZ 13=DC24V 12=DC12V Contact the Company for other voltage	V: VITON T: Teflon	5=Stainless Steel 10=PMMA	A=1/8" B=1/4" B=1/4" C=3/8" C=3/8" D=1/2" D=1/2" E=3/4" G=1" A=1/8" B=1/4" C=3/8" D=1/2" D=1/2" E=3/4"	03=3.0 04=4.0 06=6.0 10=10. 15=15. 03=3.0 06=6.0 10=10. 15=15.	L: Neon Lamp N: NPT Connection

ZCT 2/2-way series solenoid valve · normally closed

- 1:** 2-Way normally closed solenoid valve; Closed when de-energized, open when energized.
- 2:** Body material: stainless steel and Plexiglas (standard), brass (special made)
- 3:** Max. Allowable pressure 12kgf/cm²;
Ambient Temp. 0°C~65°C (F CLASS) , 0°C~80°C (H CLASS)
- 4:** Flow as the arrow, mounts in any position;
Best position is Solenoid vertical and upright direction.
- 5:** Voltage: 220VAC/230VAC/240VAC/110VAC/24VAC 50/60HZ
24VDC/12V; Voltage Tolerance: +10% to -10% applicable voltage
- 6:** Coil can fix Germany NASS Coil, for the orifice is 3mm only,
Standard voltage: 220VAC 50/60HZ 24VDC
- 7:** This series valves are offered VITON for Seals



Construction, External Dimensions Chart



Sanlixin Solenoid Valve

ZCT 2/2-way series solenoid valve • normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length xWidth x Height A x B x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
			Min.	Max.									VA AC 220 V	W DC 24 V					
				Air Gas		Water Hot water Liquids		Light oil		Steam AC/ DC									
				AC	DC	AC	DC	AC	DC										
1/8"	3	0.23	0	13	10	13	10	10	7	3	130	D	22	13	F	36×36×82	ZCT1DF02V5A03	0.36	
1/4"	3	0.23	0	13	10	13	10	10	7	3	130	D	22	13	F	36×36×82	ZCT1DF02V5B03	0.36	
	4	0.6	0	7	7	7	7	5	5	3	130	D	22	13	F	50×30×82	ZCT1DF02V5B04	0.8	
3/8"	4	0.6	0	7	7	7	7	5	5	3	130	D	22	13	F	50×30×82	ZCT1DF02V5C04	0.8	
	6	0.9	0	6	6	6	6	6	6	5	155	A	19.8	12.5	H	50×30×82	ZCT1AH02V5C06	0.7	
1/2"	6	0.9	0	6	6	6	6	6	6	5	155	A	19.8	12.5	H	50×30×82	ZCT1AH02V5D06	0.7	
	10	1.5	0.1	10	10	10	10	7	7	5	155	A	19.8	22	H	70×38×110	ZCT1AH02V5D10	1.2	
3/4"	15	4.5	0.1	10	10	10	10	7	7	5	155	A	19.8	22	H	80×40×115	ZCT1AH02V5E15	1.3	
1"	15	4.5	0.1	10	10	10	10	7	7	5	155	A	19.8	22	H	80×40×115	ZCT1AH02V5G15	1.2	

ZCT Series • 2/2-Way Plexiglas Solenoid Valve • Normally Closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	External Dimensions Length xWidth x Height Lx W x H	Model Code Follows Voltage are 220VAC 50/60HZ	Weight (KG)	
			Min.	Max.							VA AC 220 V	W DC 24 V					
				Air Gas		Water Hot water Liquids		Light oil									
				AC	DC	AC	DC	AC									DC
1/4"	6	0.6	0	6	6	6	6	80	D	33	32	F	50×30×82	ZCT1DF02V10B06	0.4		
3/8"	6	0.6	0	6	6	6	6	80	D	33	32	F	50×30×82	ZCT1DF02V10C06	0.4		
1/2"	6	0.6	0	6	6	6	6	80	D	33	32	F	50×30×80	ZCT1DF02V10D06	0.4		
1/2"	10	1.5	0.1	10	10	10	10	80	D	19.8	22	F	80×40×98	ZCT1DF02V10D10	0.55		
3/4"	15	4.5	0.1	10	10	10	10	80	D	19.8	22	F	80×40×98	ZCT1DF02V10E15	0.55		

SLG series 2/2-way high pressure solenoid valve • normally closed

Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLG	1	D	F	02	V	1	A	01	<input type="checkbox"/>
	SLG Series	1: Normally Closed	D=DIN Standard Connections, Fully Encapsulated S=NASS Coil M=SM Coil	F:F Class	02= AC220V AC230V 50/60HZ 13= DC=24V Contact the Company for other voltage	N=NRB V=VITON T=Teflon	1= Forged Brass 3= SS316 4= SS304	A=1/8" B=1/4" C=3/8" D=1/2" E=3/4" G=1"	01=1.0 C1=1.2 C2=1.5 02=2.0 C3=2.5 01=1.0 C1=1.2 C2=1.5 02=2.0 C3=2.5 08=8.0 08=8.0 15=15.0 20=20.0 25=25.0	L= Neon lamp N= NPT Connection

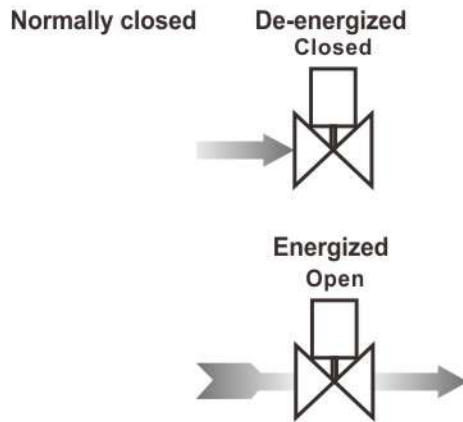
SLG Series Coils Characteristics List

Coils Model Code	Voltage	Power consumption				Orifice	
		50HZ (VA)		60HZ (VA)			DC W
		Inrush	Holding	Inrush	Holding		
S0545 NASS	AC220V	46	24	46	19	φ 1~2.5mm	
D03-5101	AC220V	55	24	55	19		
S0545 NASS	DC24V						15.5
D03-5106	DC24V						28
D03-5109*	AC220V	Coil with Rectifier				35	φ 8mm
D01-4101	AC220V	82	20	82	20	φ 15~25mm	
D03-5106	DC24V					28	φ 8~25mm

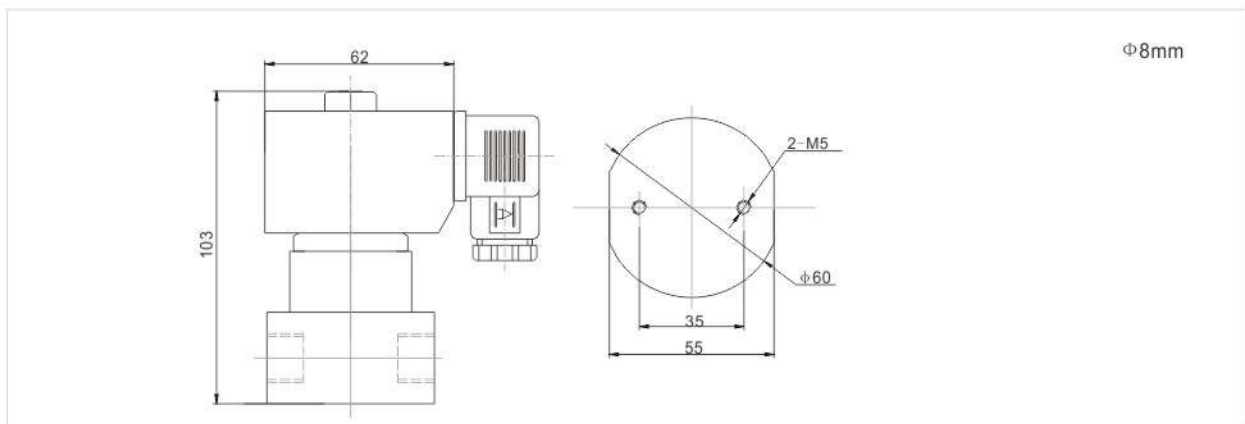
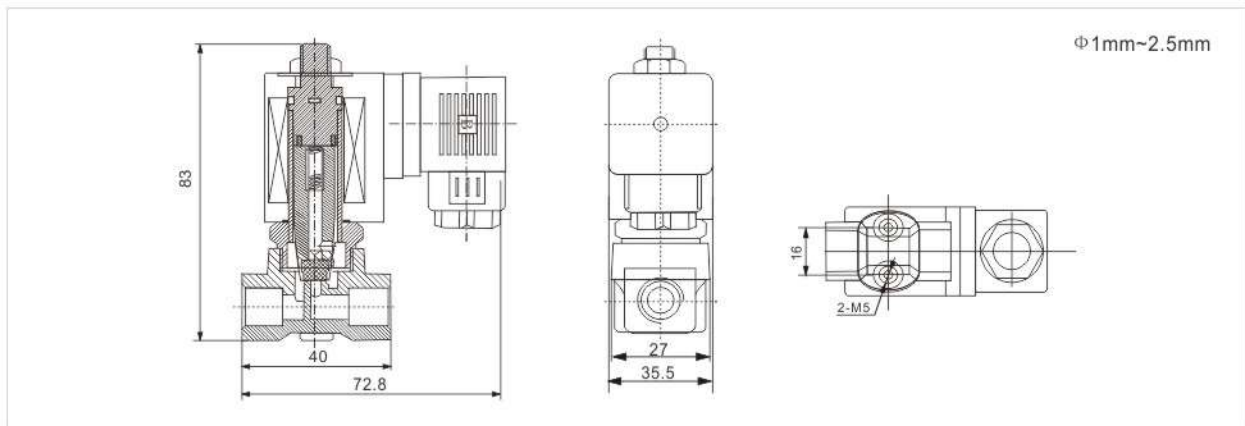
Sanlixin Solenoid Valve

SLG series 2/2-way high pressure solenoid valve · normally closed

- 1:** 2-Way normally closed solenoid valve;
Closed when de-energized, open when energized.
- 2:** Special design, Serialized products .small in size .large flow rate.widely use.
- 3:** Body material: SS304.
- 4:** Ambient Temp. 0°C~65°C; Fluids Temp: 0°C~110°C.
- 5:** Flow as the arrow .mounts in any position ;Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC /230VAC/380VAC/50/60HZ 24VDC;
Voltage Tolerance: +10% to -10% applicable voltage;
Coil can fix Germany Nass Coil.



Construction, External Dimensions Chart

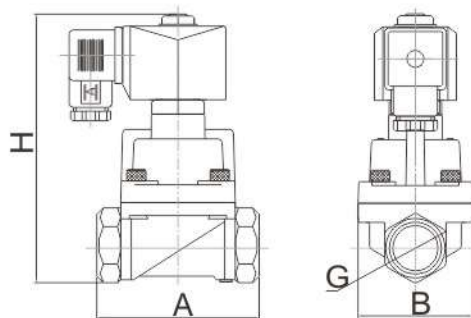


SLG series 2/2-way high pressure solenoid valve • normally closed

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Max. Temp. °C	Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ		Weight KG	
			Min.	Max.						VA	W				
				Air		Water Liquids		Light oil ≤20CST		AC 220V	DC 24V				
				AC	DC	AC	DC	AC		DC	Body material:				
								Forgeda brass	Stainless Steel						
1/8 "	1.0	0.04	0	100	75	100	75	100	75	110	24	18.5	SLG1DF02V1A01	SLG1DF02V3A01	0.43
	1.2	0.05	0	90	70	90	70	90	70	110	24	18.5	SLG1DF02V1AC1	SLG1DF02V3AC1	0.43
	1.5	0.08	0	75	50	75	50	75	50	110	24	18.5	SLG1DF02V1AC2	SLG1DF02V3AC2	0.43
	2.0	0.14	0	35	30	35	30	35	30	110	24	18.5	SLG1DF02V1A02	SLG1DF02V3A02	0.43
	2.5	0.23	0	20	15	20	15	20	15	110	24	18.5	SLG1DF02V1AC3	SLG1DF02V3AC3	0.43
1/4 "	1.0	0.04	0	100	75	100	75	100	75	110	24	18.5	SLG1DF02V1B01	SLG1DF02V3B01	0.42
	1.2	0.05	0	90	70	90	70	90	70	110	24	18.5	SLG1DF02V1BC1	SLG1DF02V3BC1	0.42
	1.5	0.08	0	75	50	75	50	75	50	110	24	18.5	SLG1DF02V1BC2	SLG1DF02V3BC2	0.42
	2.0	0.14	0	35	30	35	30	35	30	110	24	18.5	SLG1DF02V1B02	SLG1DF02V3B02	0.42
	2.5	0.23	0	20	15	20	15	20	15	110	24	18.5	SLG1DF02V1BC3	SLG1DF02V3BC3	0.42
	8.0	1.0	0.5	90	70	90	70	70	50	80	35*		SLG1DF02V1B08	SLG1DF02V4B08	1.26
3/8 "	8.0	1.2	0.5	90	70	90	70	70	50	80	35*		SLG1DF02V1C08	SLG1DF02V4C08	1.24
	15	4.2	1.0	75	55	75	55	55	35	110	33	25	SLG1DF02N1C15	SLG1DF02V4C15	1.45
1/2 "	8.0	1.2	0.5	90	70	90	70	70	50	80	35*		SLG1DF02V1D08	SLG1DF02V4D08	1.21
	15	4.2	1.0	75	55	75	55	55	35	110	33	25	SLG1DF02N1D15	SLG1DF02N4D15	1.4
3/4 "	20	7	1.0	65	50	65	50	50	30	110	33	25	SLG1DF02N1E20	SLG1DF02N4E20	1.7
1 "	25	11	1.0	55	45	55	45	45	30	110	33	25	SLG1DF02N1G25	SLG1DF02N4G25	2.1

External Dimensions Chart

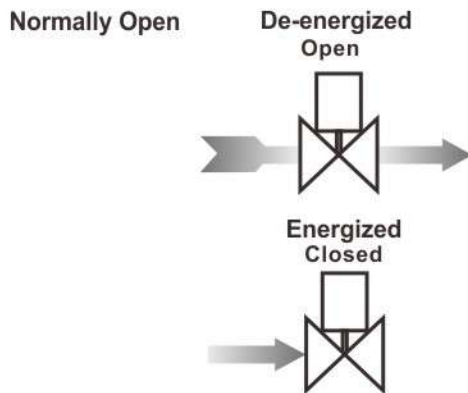


Orifice (mm)	Size	Pipe size	Length mm	Width mm	Height mm
		G	A	B	H
φ 15	3/8 "		75	52	130
	1/2 "		75	52	130
φ 20	3/4 "		85	60	141
φ 25	1 "		100	70	148

Sanlixin Solenoid Valve

SLG series 2/2-way small size high pressure solenoid valve · normally open

- 1:** 2-Way normally open solenoid valve;
open when de-energized, closed when energized.
- 2:** Special design, Serialized products .small in size .large flow rate.widely use.
- 3:** Body material: SS316
- 4:** Ambient Temp.: 0℃~65℃
- 5:** Flow as the arrow .mounts in any position ;Best position is Solenoid vertical and upright direction.
- 6:** Voltage: 220VAC /230VAC 50/60HZ
DC24V/DC12V
Voltage Tolerance: +10% to -10% applicable voltage;



Solenoid Valves Numbering System for Order

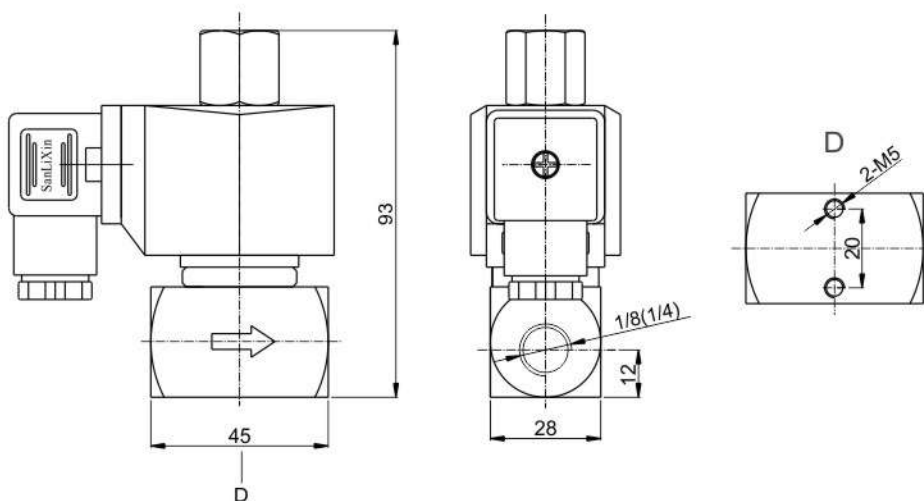
Position description	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice ϕ mm
E.G.	SLG	2	D	F	02	V	3	A	01
		2=Normally Open	D=DIN Standard Connections, Fully Encapsulated	F= F class	02= AC220V AC230V 13= DC=24V Contact the Company for other voltage	N=NRB E=EPDM V=VITON	3= SS316	A=1/8" B=1/4"	C0=0.8 01=1.0 C1=1.2 C2=1.5 02=2.0 C0=0.8 01=1.0 C1=1.2 C2=1.5 02=2.0

SLG series 2/2-way small size high pressure solenoid valve · normally open

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. Temp. °C	Coil Type	Coil Class	Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ	Weight KG
			Min.	Max.				VA	W		
								AC 220V	DC 24V		
1/8"	0.8	0.03	0	170	120	D	F	33	20	SLG2DF02V3AC0	0.6
	1.0	0.04	0	150	120	D	F	33	20	SLG2DF02V3A01	
	1.2	0.05	0	90	120	D	F	33	20	SLG2DF02V3AC1	
	1.5	0.08	0	50	120	D	F	33	20	SLG2DF02V3AC2	
	2.0	0.14	0	30	120	D	F	33	20	SLG2DF02V3A02	
1/4"	0.8	0.03	0	170	120	D	F	33	20	SLG2DF02V3BC0	0.59
	1.0	0.04	0	150	120	D	F	33	20	SLG2DF02V3B01	
	1.2	0.05	0	90	120	D	F	33	20	SLG2DF02V3BC1	
	1.5	0.08	0	50	120	D	F	33	20	SLG2DF02V3BC2	
	2.0	0.14	0	30	120	D	F	33	20	SLG2DF02V3B02	

External Dimensions



Sanlixin Solenoid Valve

SLGA series 2/2-way high pressure solenoid valve

2-Way normally closed solenoid valve;
 Closed when de-energized, open when energized.
 Special solenoid valve for bottle blowing machine.
 Normally Open is opposite.

Main technical parameters

- 1:** Working pressure: 0.5 ~ 50 kg/cm²
- 2:** Ambient Temperature: 0~65°C Media Temperature: 0-90°C
- 3:** Fixed as the arrow, best position is solenoid vertical and upright direction.
- 4:** Voltage: AC 220V/230V/110V/120V
 DC 24V/12V ±10% applicable voltage;
- 5:** Seals: VITON
- 6:** diaphragm material: VITON
- 7:** Body material: brass
- 8:** Can fix SM coil.



Normally Closed



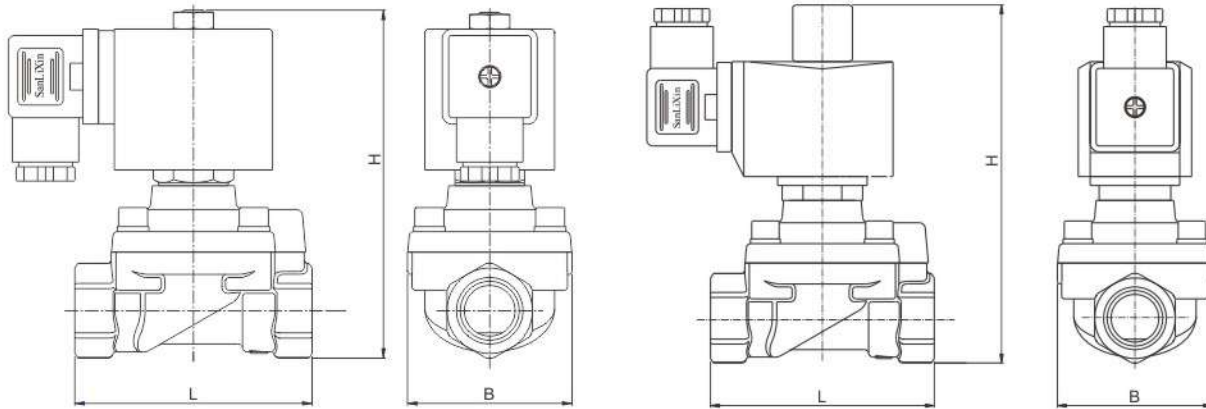
Normally Open

Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice φ mm	Options
E.G.	SLGA	1	D	F	02	V	1	D	15	<input type="checkbox"/>
		1: Normally Closed 2: Normally Open	D: DIN Standard Connections, Fully Encapsulated M= SM Coil	F= Class	02= AC220V AC230V 13=DC24V	V=VITON	1=Forged Brass	C=3/8" D=1/2" E=3/4"	15=15	L= Neon lamp N: NPT Connection

SLGA series 2/2-way high pressure solenoid valve

SLGA Construction, External Dimensions Chart



Normally closed

Normally open

External Dimensions Chart (Normally Closed)

SIZE	Orifice mm	CV factor	Operating pressure differential kgf/cm ²				Power		Max temp. °C	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC Seal material is VITON Forged Brass	Weight Kg	
			min pressure	Max pressure				VA					W
				Air Gas		Water Liquids		AC					DC
				AC	DC	AC	DC	220V					24V
3/8"	14.5	4.5	0.5	50	50	50	50	19	17	110	75 × 52 × 110	SLGA1DF02V1C15	1.0
1/2"	14.5	4.5	0.5	50	50	50	50	19	17	110	75 × 52 × 110	SLGA1DF02V1D15	0.9
3/4"	14.5	4.5	0.5	50	50	50	50	19	17	110	80 × 52 × 113	SLGA1DF02V1E15	1.1

External Dimensions Chart (Normally Open)

SIZE	Orifice mm	CV factor	Operating pressure differential kgf/cm ²				Power		Max temp. °C	External Dimensions Length x Width x Height A x B x H	Model Code Follows Voltage are 220VAC Seal material is VITON Forged Brass	Weight Kg	
			min pressure	Max pressure				VA					W
				Air Gas		Water Liquids		AC					DC
				AC	DC	AC	DC	220V					24V
3/8"	14.5	4.5	0.5	50	50	50	50	33	20	110	75 × 52 × 120	SLGA2DF02V1C15	1.1
1/2"	14.5	4.5	0.5	50	50	50	50	33	20	110	75 × 52 × 120	SLGA2DF02V1D15	1.0
3/4"	14.5	4.5	0.5	50	50	50	50	33	20	110	80 × 52 × 123	SLGA2DF02V1E15	1.2

Sanlixin Solenoid Valve

SLZ series-2/2-way high pressure solenoid valve · normally closed

- 1:** SLZ Series 2-way normally closed solenoid valve, closed when de-energized, open when energized.
- 2:** Serialized products, small in size, low power, high pressure.
- 3:** Seals: NBR VITON EPDM
- 4:** Body material: brass SS304
- 5:** Media: air, water, etc.
- 6:** Working pressure: 0~170kg/cm²
- 7:** Ambient Temperature: 0~65°C Media Temperature: 0-110°C
- 8:** Fixed as the arrow, best position is solenoid vertical and upright direction.



Solenoid Valves Numbering System for Order

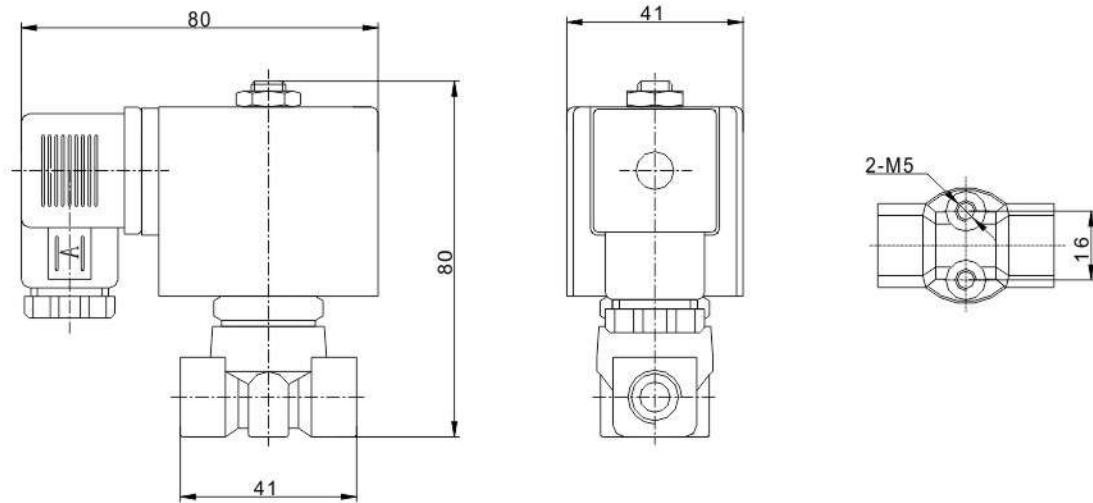
Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice ϕ mm	Options
E.G.	SLZ	1	D	F	02	N	1	A	01	
		1: Normally Closed	D: DIN Standard Connections, Fully Encapsulated	F: Class	02=220VAC 01=110VAC 13=DC24V 12=DC12V	N=NBR V=VITON E=EPDM K=PEEK T=PTFE	1= Forged Brass 3= SS316 4= SS304 5= Stainless steel	A=1/8" B=1/4" C=3/8" D=1/2"	01=1.0 C1=1.2 C2=1.5 02=2.0 C3=2.5 03=3.0 04=4.0 06=6.0 08=8.0 10=10.1	L= Neon lamp N: NPT Connection

Valve Selection List

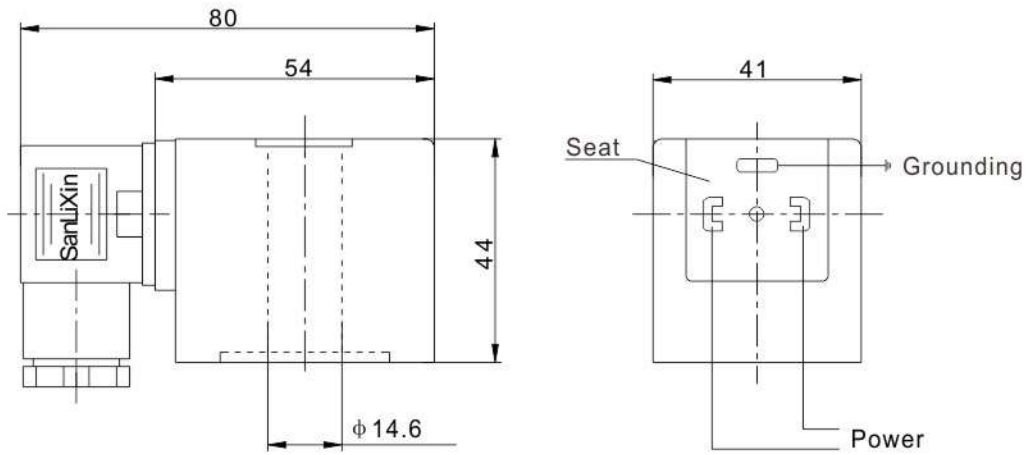
Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. Temp. °C	Power		Model Code AC220V 50/60HZ Seals:VITON		Weight (KG)
			Min.	Max.						AC 220		DC 24V	Body material:			
				Air		Water Liquids		Light oil 20CST					Brass	Stainless Steel		
				AC	DC	AC	DC	AC	DC							
1/8"	1.0	0.04	0	170	110	170	110	160	106	110	19	17	SLZ1DF02V1A01	SLZ1DF02V3A01	0.46	
	1.2	0.05	0	150	100	150	100	140	93	110	19	17	SLZ1DF02V1AC1	SLZ1DF02V3AC1		
	1.5	0.08	0	130	86	130	86	120	80	110	19	17	SLZ1DF02V1AC2	SLZ1DF02V3AC2		
	2.0	0.14	0	90	60	90	60	80	53	110	19	17	SLZ1DF02V1A02	SLZ1DF02V3A02		
	2.5	0.23	0	60	40	60	40	50	33	110	19	17	SLZ1DF02V1AC3	SLZ1DF02V3AC3		
	3.0	0.25	0	30	20	30	20	20	13	110	19	17	SLZ1DF02V1A03	SLZ1DF02V3A03		
1/4"	1.0	0.04	0	170	110	170	110	160	106	110	19	17	SLZ1DF02V1B01	SLZ1DF02V3B01	0.45	
	1.2	0.05	0	150	100	150	100	140	93	110	19	17	SLZ1DF02V1BC1	SLZ1DF02V3BC1		
	1.5	0.08	0	130	86	130	86	120	80	110	19	17	SLZ1DF02V1BC2	SLZ1DF02V3BC2		
	2.0	0.14	0	90	60	90	60	80	53	110	19	17	SLZ1DF02V1B02	SLZ1DF02V3B02		
	2.5	0.23	0	60	40	60	40	50	33	110	19	17	SLZ1DF02V1BC3	SLZ1DF02V3BC3		
	3.0	0.25	0	30	20	30	20	20	13	110	19	17	SLZ1DF02V1B03	SLZ1DF02V3B03		
3/8"	2.5	0.23	0	60	40	60	40	50	33	110	19	17	SLZ1DF02V1CC3	SLZ1DF02V3CC3	0.45	
	3.0	0.25	0	30	20	30	20	20	13	110	19	17	SLZ1DF02V1C03	SLZ1DF02V3C03		
	4.0	0.5	0	12	8	12	8	10	6	110	19	17	SLZ1DF02V1C04	SLZ1DF02V3C04		0.4

SLZ series 2/2-way high pressure solenoid valve · normally closed

Construction, External Dimensions Chart



Coils Dimension



Sanlixin Solenoid Valve

SLZ series high pressure pilot operate solenoid valve · normally closed

1. SLZ Series 2-way normally closed solenoid valve, closed when deenergized, open when energized. Serialized products, small in size, low power, high pressure.
3. Seals: NBR, VITON, EPDM
4. Body material: Brass, SS316
5. Media: air, water, etc.
6. Working pressure: 0.5~110kgf/cm²
7. Ambient Temperature: 0~65°C
8. Fixed as the arrow, best position is solenoid vertical and upright direction.
9. Can choose SM coil,
Voltage: AC220V、AC110V、AC24V、DC24V



Valve Selection List

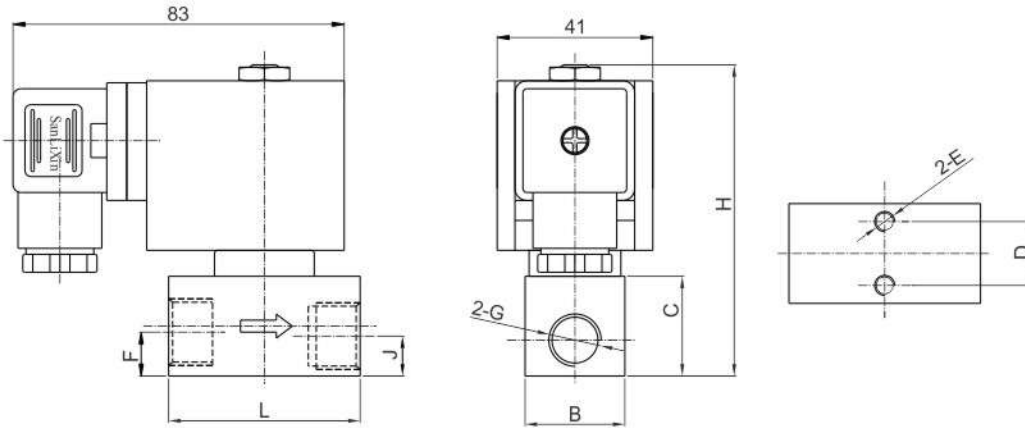
Pipe size	Orifice mm	CV	Operating pressure differential(kgf/cm ²)				Power		Max fluid temp °C	Model Code AC220V 50/60HZ Seals:VITON	Weight (KG)	
			Min.	Max.		VA	W					
				Air				AC 220V				DC 24V
				AC	DC	AC	DC					
1/8"	6.0	0.8	0.5	110	90	110	90	19	17	110	SLZ1DF02V5A06	0.57
1/4"	6.0	0.8	0.5	110	90	110	90	19	17	110	SLZ1DF02V5B06	0.57
	8.0	1.0	0.5	110	90	110	90	19	17	110	SLZ1DF02V5B08	0.92
	10.0	1.2	0.5	110	90	110	90	19	17	110	SLZ1DF02V5B10	0.92
3/8"	6.0	0.8	0.5	110	90	110	90	19	17	110	SLZ1DF02V5C06	0.65
	8.0	1.2	0.5	110	90	110	90	19	17	110	SLZ1DF02V5C08	0.9
	10.0	1.5	0.5	110	90	110	90	19	17	110	SLZ1DF02V5C10	0.9
1/2"	6.0	0.8	0.5	110	90	110	90	19	17	110	SLZ1DF02V5D06	0.7
	8.0	1.2	0.5	110	90	110	90	19	17	110	SLZ1DF02V5D08	0.9
	10.0	1.5	0.5	110	90	110	90	19	17	110	SLZ1DF02V5D10	0.9

Note: if add A at the end of code, it means direct acting valve. For example: SLZ1DF02V3B06A

SLZ series high pressure pilot operate solenoid valve · normally closed

External Dimensions Chart

Φ6 (1/8-1/2)



口径	接口G	L	B	C	D	E	F	J	H
Φ6.0	1/8"	48	25	25	16	M5	9	9	78
	1/4"	48	25	25	16		9	9	78
	3/8"	50	30	30	20		13	13	83
	1/2"	58	32	32	20		13	13	85
Φ8.0 Φ10.0	1/4"	67	35	35	22	M6	17.5	13	88
	3/8"	67	35	35	22		16	13	88
	1/2"	67	35	35	22		14.5	13	88

Sanlixin Solenoid Valve

SLZ series-2/2-way high pressure pilot operated solenoid valve · normally closed

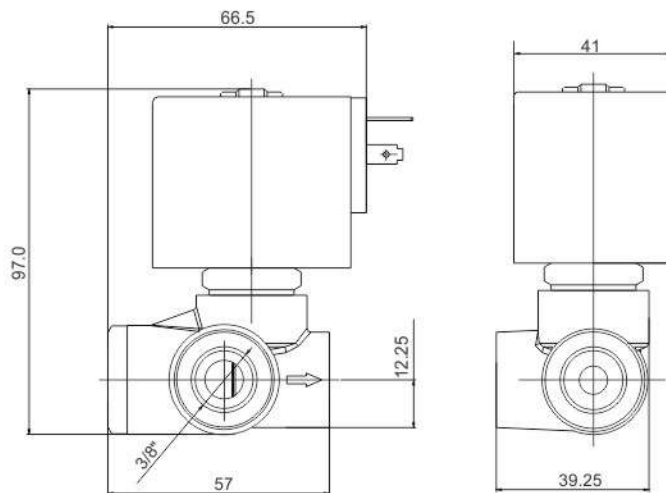
- 1.SLZ Series 2/2-way normally closed pilot operated solenoid valve.
closed when de-energized, open when energized.
- 2.Serialized products, small in size, Large flow rate, widely use
- 3.Seal material: PEEK
- 4.Body material: Brass
- 5.Fluid medium: air water co₂ etc
- 6.Orifice size: DN8 Pipe size:G1/4" G3/8"
7. Working pressure:1-150kgf/cm²
8. Ambient Temp:0-65°C Medium Temp:-20~100°C
- 9.Flow as the arrow, mounts in any position
Best position is solenoid vertical and upright direction



Valve Selection List

Pipe size	Orifice mm	CV	Operating pressure differential (bar)				Max fluid temp	consumption		Model code Voltage AC220V 50/60HZ	Weight (KG)
			Min.	Max working pressure				VA A C 220	W D C 24V		
				Air	Water Liquids	Low temp CO ₂					
1/4"	8	3.1	1	150	150	120	110	22	20	SLZ1DF02K1B08	0.65
3/8"	8	3.1	1	150	150	120	110	22	20	SLZ1DF02K1C08	0.63

Construction, External Dimensions Chart



SLV series 3/2-way direct acting solenoid valve

SLV Series 3/2-way direct acting solenoid valve

- SLV1 • Normally Closed;
- SLV2 • Normally Open
- SLV3 • Diverting;
- SLV4 • Universal
- SLV5 • Free Exhaust



Body Type: 1 & 3

Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (ϕ mm)	Options
E.G.	SLV	1	D	F	02	N	1	A	V3	
	SLV Series	1: Normally Closed 2: Normally Open 3: Diverting 4: Universal 5: Normally Closed (Free exhaust)	D: DIN Standard Connections, Fully Encapsulated (For Body type: Brass 1 S.S. 3) W: Metallic Housing, Lead wires (For Body type: Brass 2 S.S. 4) S: NASS Coil (For Body type: Brass 1 S.S. 3)	F: Class	02=220VAC 230VAC 50/60HZ 01=110VAC 120VAC 50/60HZ 05=24VAC 13=DC24V 12=DC12V Contact the Company for other voltage	V: VITON E: EPDM N: NBR	1= Brass 3=S.S Body See Valve Selection List	A=1/8" B=1/4"	V1=1.5 × 1.2 V2=2.0 × 1.2 V3=2.5 × 1.2 V4=3.0 × 1.2	N =NPT Connection

Sanlixin Solenoid Valve

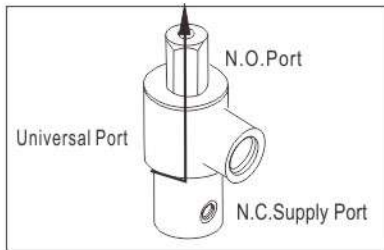
SLV series 3/2-way direct acting solenoid valve

SLV1 Normally closed type

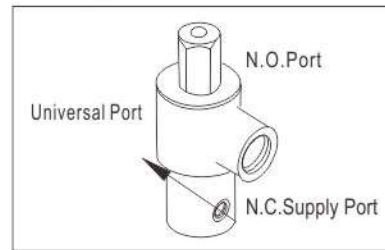
Pipe Conn-ection	Orifice mm		CV Factor		Operating pressure differential (kgf/cm ²)						Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60HZ		
					Min.	Max.			AC 220 V	W DC 24 V								
	Air Gas	Water Liquids	Light oil ≤20CST															
				AC		DC	AC	DC					AC	DC				
1/8"	1.5	1.2	0.07	0.05	0	10	10	10	10	10	10	80	D	24	18.5	F	SLV1DF02N1AV1	SLV1DF02N3AV1
	2.0	1.2	0.14	0.05	0	8	8	8	8	8	8	80	D	24	18.5	F	SLV1DF02N1AV2	SLV1DF02N3AV2
	2.5	1.2	0.21	0.05	0	5	5	5	5	5	5	80	D	24	18.5	F	SLV1DF02N1AV3	SLV1DF02N3AV3
	3.0	1.2	0.23	0.05	0	4	4	4	4	4	4	80	D	24	18.5	F	SLV1DF02N1AV4	SLV1DF02N3AV4
1/4"	1.5	1.2	0.07	0.05	0	10	10	10	10	10	10	80	D	24	18.5	F	SLV1DF02N1BV1	SLV1DF02N3BV1
	2.0	1.2	0.14	0.05	0	8	8	8	8	8	8	80	D	24	18.5	F	SLV1DF02N1BV2	SLV1DF02N3BV2
	2.5	1.2	0.21	0.05	0	5	5	5	5	5	5	80	D	24	18.5	F	SLV1DF02N1BV3	SLV1DF02N3BV3
	3.0	1.2	0.23	0.05	0	4	4	4	4	4	4	80	D	24	18.5	F	SLV1DF02N1BV4	SLV1DF02N3BV4

Normally closed

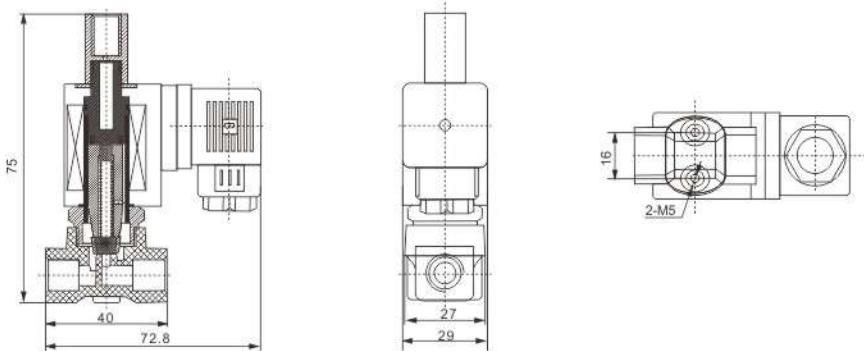
De-energized



Energized



Construction, External Dimensions Chart



1 & 3 Body Type

Body 1 N.W=0.42KG
Body 3 N.W=0.35KG

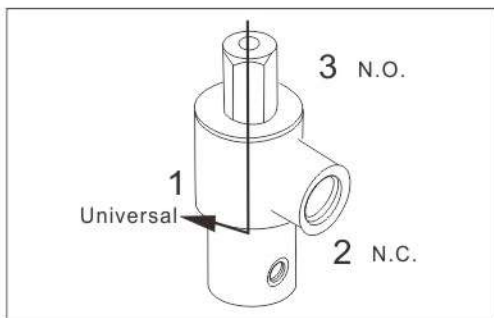
SLV series 3/2-way direct acting solenoid valve

SLV2 Normally Open Type

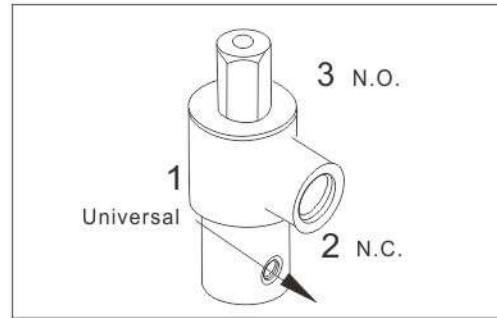
Pipe Conn-ection	Orifice mm		CV Factor		Operating pressure differential (kgf/cm ²)						Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60HZ		
					Min.	Max.							VA	W				
	Air Gas		Water Liquids			Light oil ≤20CST		AC 220 V	DC 24 V									
	AC	DC	AC	DC		AC	DC											
1/8"	1.5	1.2	0.07	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1AV1	SLV2DF02N3AV1
	2.0	1.2	0.14	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1AV2	SLV2DF02N3AV2
	2.5	1.2	0.21	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1AV3	SLV2DF02N3AV3
	3.0	1.2	0.23	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1AV4	SLV2DF02N3AV4
1/4"	1.5	1.2	0.07	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1BV1	SLV2DF02N3BV1
	2.0	1.2	0.14	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1BV2	SLV2DF02N3BV2
	2.5	1.2	0.21	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1BV3	SLV2DF02N3BV3
	3.0	1.2	0.23	0.05	0	6	5	6	5	6	5	80	D	22	13	F	SLV2DF02N1BV4	SLV2DF02N3BV4

Normally Open

De-energized



Energized



Sanlixin Solenoid Valve

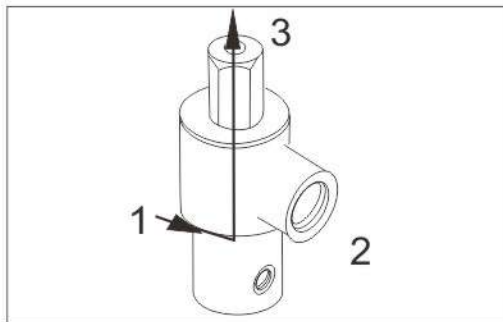
SLV series 3/2-way direct acting solenoid valve

SLV3 Diverting Type

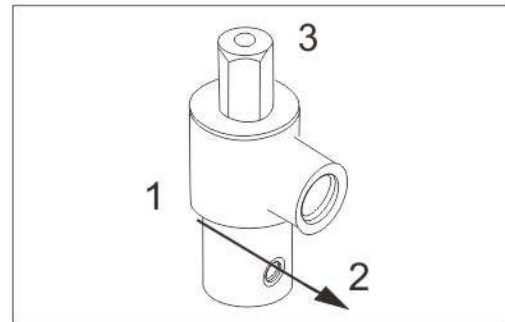
Pipe Conn- ection	Orifice mm		CV Factor		Operating pressure differential (kgf/cm ²)						Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage 220VAC 50/60HZ		
					Min.	Max.							VA	W				
	Air Gas		Water Liquids			Light oil ≤20CST		AC 220 V	DC 24 V									
	AC	DC	AC	DC		AC	DC											
Body	Top	Body	Top												Brass	S.S.		
1/8"	1.5	1.2	0.07	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1AV1	SLV3DF02N3AV1
	2.0	1.2	0.14	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1AV2	SLV3DF02N3AV2
	2.5	1.2	0.21	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1AV3	SLV3DF02N3AV3
	3.0	1.2	0.23	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1AV4	SLV3DF02N3AV4
1/4"	1.5	1.2	0.07	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1BV1	SLV5DF02N3BV1
	2.0	1.2	0.14	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1BV2	SLV3DF02N3BV2
	2.5	1.2	0.21	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1BV3	SLV3DF02N3BV3
	3.0	1.2	0.23	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV3DF02N1BV4	SLV3DF02N3BV4

Diverting

De-energized



Energized



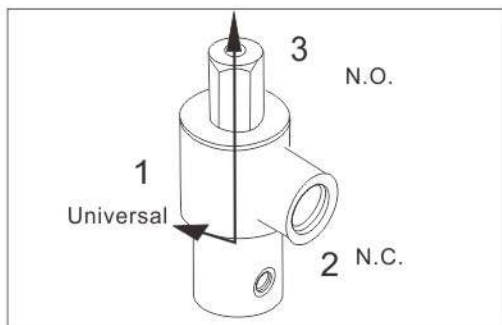
SLV series 3/2-way direct acting solenoid valve

SLV4 Universal Type

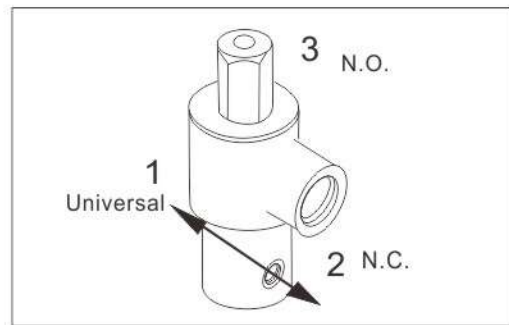
Pipe Conn-ection	Orifice mm		CV Factor		Operating pressure differential (kgf/cm ²)						Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60HZ		
					Min.	Max.							VA	W				
	Air Gas		Water Liquids			Light oil ≤20CST		AC 220 V	DC 24 V									
	AC	DC	AC	DC		AC	DC											
Body	Top	Body	Top												Brass	S.S.		
1/8"	1.5	1.2	0.07	0.05	0	6	4	6	4	6	4	80	D	22	13	F	SLV4DF02N1AV1	SLV4DF02N3AV1
	2.0	1.2	0.14	0.05	0	5	3.5	5	3.5	5	3.5	80	D	22	13	F	SLV4DF02N1AV2	SLV4DF02N3AV2
	2.5	1.2	0.21	0.05	0	4	3	4	3	4	3	80	D	22	13	F	SLV4DF02N1AV3	SLV4DF02N3AV3
	3.0	1.2	0.23	0.05	0	3.5	2.5	3.5	2.5	3.5	2.5	80	D	22	13	F	SLV4DF02N1AV4	SLV4DF02N3AV4
1/4"	1.5	1.2	0.07	0.05	0	6	4	6	4	6	4	80	D	22	13	F	SLV4DF02N1BV1	SLV4DF02N3BV1
	2.0	1.2	0.14	0.05	0	5	3.5	5	3.5	5	3.5	80	D	22	13	F	SLV4DF02N1BV2	SLV4DF02N3BV2
	2.5	1.2	0.21	0.05	0	4	3	4	3	4	3	80	D	22	13	F	SLV4DF02N1BV3	SLV4DF02N3BV3
	3.0	1.2	0.23	0.05	0	3.5	2.5	3.5	2.5	3.5	2.5	80	D	22	13	F	SLV4DF02N1BV4	SLV4DF02N3BV4

Universal

De-energized



Energized



Sanlixin Solenoid Valve

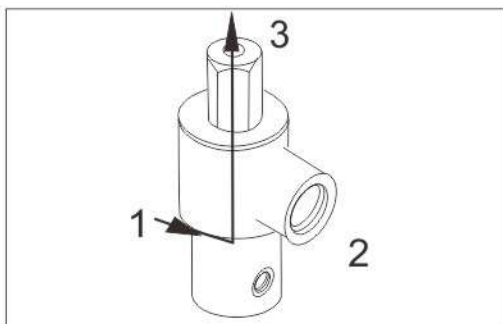
SLV series 3/2-way direct acting solenoid valve

SLV5 Free Exhaust Type

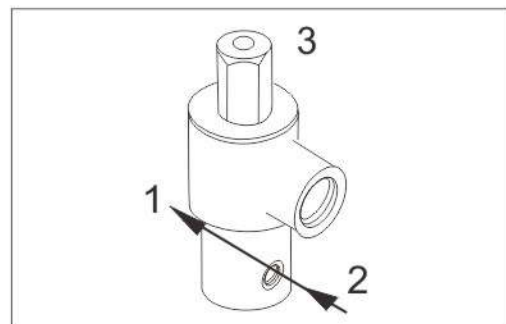
Pipe Conn- ection	Orifice mm		CV Factor		Operating pressure differential (kgf/cm ²)						Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60HZ		
					Min.	Max.							VA	W				
	Air Gas		Water Liquids			Light oil ≤20CST		AC 220 V	DC 24 V									
	Body	Top	Body	Top		AC	DC	AC	DC	AC			DC					
1/8"	1.5	1.2	0.07	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV5DF02N1AV1	SLV5DF02N3AV1
	2.0	1.2	0.14	0.05	0	8	8	8	8	8	8	80	D	22	13	F	SLV5DF02N1AV2	SLV5DF02N3AV2
	2.5	1.2	0.21	0.05	0	5	5	5	5	5	5	80	D	22	13	F	SLV5DF02N1AV3	SLV5DF02N3AV3
	3.0	1.2	0.23	0.05	0	4	4	4	4	4	4	80	D	22	13	F	SLV5DF02N1AV4	SLV5DF02N3AV4
1/4"	1.5	1.2	0.07	0.05	0	10	10	10	10	10	10	80	D	22	13	F	SLV5DF02N1BV1	SLV5DF02N3BV1
	2.0	1.2	0.14	0.05	0	8	8	8	8	8	8	80	D	22	13	F	SLV5DF02N1BV2	SLV5DF02N3BV2
	2.5	1.2	0.21	0.05	0	5	5	5	5	5	5	80	D	22	13	F	SLV5DF02N1BV3	SLV5DF02N3BV3
	3.0	1.2	0.23	0.05	0	4	4	4	4	4	4	80	D	22	13	F	SLV5DF02N1BV4	SLV5DF02N3BV4

Free Exhaust

De-energized



Energized



SLV series 3/2-way direct acting solenoid valve

SLV Series Coils Characteristics List

Coils ModelCode	Voltage	Power consumption					Suitable for Valve Model
		50HZ VA		60HZ VA		DC	
		Inrush	Holding	Inrush	Holding	W	
D04-3101	AC220V	55	22	55	18	SLV Series	
N04-3101	AC220V	50	20	50	16		
D04-3106 N07-3106	DC24V						13
D04-3107 N07-3107	DC12V						13
D06-5451	AC220V	60	24	60	22		
D06-5456	DC24V						18.5
D06-5457	DC12V						18.5

Sanlixin Solenoid Valve

SLT series 3/2-way direct acting solenoid valve

- SLT1 Normally Closed
- SLT2 Normally Open
- SLT3 Universal
- SLT4 Diverting



body:9.4.3

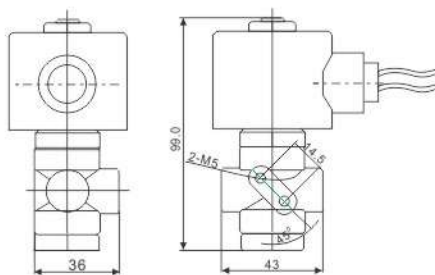
body:1.5

Solenoid Valve Numbering System for Order:

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seals Material	Body Type & Material	Connec-tion	Orifice (mm)	Options
E.G	SLT	1	D	F	02	N	9	A	V3	
		1: Normally Colsed	D: DIN Standard Connec- tions,Fully	F: FClass	02=220VAC 230VAC 50/60HZ 01=110VAC 05=24VAC	N: NBR V: VITON E: EPDM	1=Forged Brass 4=Round type SS304 (normal) 9=Forged Brass Round Type 3=Round Type SS316 5=SS316	A=1/8" B=1/4"	V1=1.5 V2=2.0 V3=2.5 V4=3.0 V5=4.0	N=NPT Conne- ction

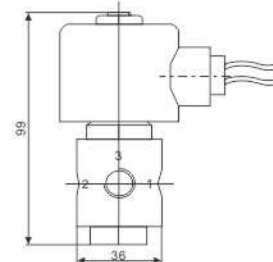
Item and External Dimensions Chart

Body:Forged Brass



Body:1, 5
Net:0.42kg

Round Body:S.S. Or Brass



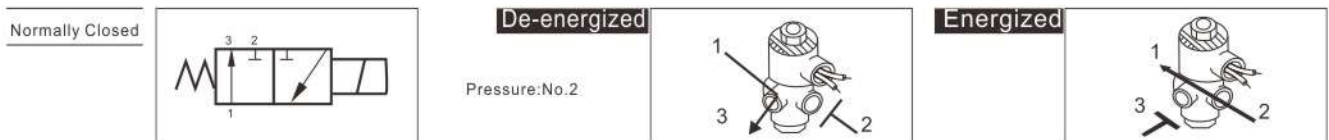
Body:9,4,3
Net:0.49kg

SLT series 3/2-way direct acting solenoid valve

SLT1 Normally Closed Specification List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60Hz		
			Min.	Max. Pressure		AC 220V			W 24V					
				Air, Gas Water, Liquid						Light oil ≦ 20CST				
				AC	DC					AC		DC		
1/8"	1.5	0.07	0	13	11	13	11	80	D	22	13	F	SLT1DF02N1AV1	SLT1DF02N4AV1
	1.5	0.07	0	13	11	13	11	120	D	22	13	F	SLT1DF02V1AV1	SLT1DF02V4AV1
	2.0	0.14	0	11	9	11	9	80	D	22	13	F	SLT1DF02N1AV2	SLT1DF02N4AV2
	2.0	0.14	0	11	9	11	9	120	D	22	13	F	SLT1DF02V1AV2	SLT1DF02V4AV2
	2.5	0.21	0	9	7	9	7	80	D	22	13	F	SLT1DF02N1AV3	SLT1DF02N4AV3
	2.5	0.21	0	9	7	9	7	120	D	22	13	F	SLT1DF02V1AV3	SLT1DF02V4AV3
	3.0	0.25	0	6	4	6	4	80	D	22	13	F	SLT1DF02N1AV4	SLT1DF02N4AV4
	3.0	0.25	0	6	4	6	4	120	D	22	13	F	SLT1DF02V1AV4	SLT1DF02V4AV4
	4.0	0.35	0	3.5	2	3.5	2	80	D	22	13	F	SLT1DF02N1AV5	SLT1DF02N4AV5
	4.0	0.35	0	3.5	2	3.5	2	120	D	22	13	F	SLT1DF02V1AV5	SLT1DF02V4AV5
1/4"	1.5	0.07	0	13	11	13	11	80	D	22	13	F	SLT1DF02N1BV1	SLT1DF02N4BV1
	1.5	0.07	0	13	11	13	11	120	D	22	13	F	SLT1DF02V1BV1	SLT1DF02V4BV1
	2.0	0.14	0	11	9	11	9	80	D	22	13	F	SLT1DF02N1BV2	SLT1DF02N4BV2
	2.0	0.14	0	11	9	11	9	120	D	22	13	F	SLT1DF02V1BV2	SLT1DF02V4BV2
	2.5	0.21	0	9	7	9	7	80	D	22	13	F	SLT1DF02N1BV3	SLT1DF02N4BV3
	2.5	0.21	0	9	7	9	7	120	D	22	13	F	SLT1DF02V1BV3	SLT1DF02V4BV3
	3.0	0.25	0	6	4	6	4	80	D	22	13	F	SLT1DF02N1BV4	SLT1DF02N4BV4
	3.0	0.25	0	6	4	6	4	120	D	22	13	F	SLT1DF02V1BV4	SLT1DF02V4BV4
	4.0	0.35	0	3.5	2	3.5	2	80	D	22	13	F	SLT1DF02N1BV5	SLT1DF02N4BV5
	4.0	0.35	0	3.5	2	3.5	2	120	D	22	13	F	SLT1DF02V1BV5	SLT1DF02V4BV5

SLT 1 Normally Closed Energized、De-energized-----Flow Chart



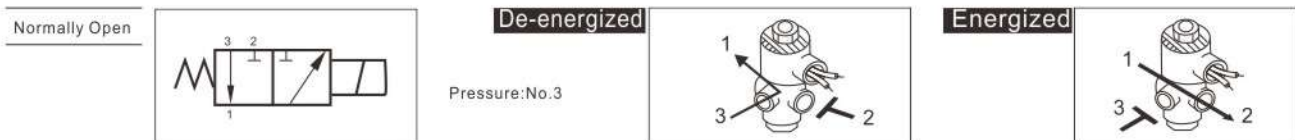
Sanlixin Solenoid Valve

SLT series 3/2-way direct acting solenoid valve

SLT2 Normally Open Specification List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Temp. °C	Coil Type	Power consumption		Coil Class	Model Code		
			Min.	Max. Pressure		AC 220V			W 24V	Follows Voltage are 220VAC 50/60Hz				
				Air, Gas Water, liquid						Brass		SS304		
				AC	DC								AC	DC
1/8"	1.5	0.07	0	13	11	13	11	80	D	22	13	F	SLT2DF02N1AV1	SLT2DF02N4AV1
	1.5	0.07	0	13	11	13	11	120	D	22	13	F	SLT2DF02V1AV1	SLT2DF02V4AV1
	2.0	0.14	0	11	9	11	9	80	D	22	13	F	SLT2DF02N1AV2	SLT2DF02N4AV2
	2.0	0.14	0	11	9	11	9	120	D	22	13	F	SLT2DF02V1AV2	SLT2DF02V4AV2
	2.5	0.21	0	9	7	9	7	80	D	22	13	F	SLT2DF02N1AV3	SLT2DF02N4AV3
	2.5	0.21	0	9	7	9	7	120	D	22	13	F	SLT2DF02V1AV3	SLT2DF02V4AV3
	3.0	0.25	0	6	4	6	4	80	D	22	13	F	SLT2DF02N1AV4	SLT2DF02N4AV4
	3.0	0.25	0	6	4	6	4	120	D	22	13	F	SLT2DF02V1AV4	SLT2DF02V4AV4
	4.0	0.35	0	3.5	2	3.5	2	80	D	22	13	F	SLT2DF02N1AV5	SLT2DF02N4AV5
	4.0	0.35	0	3.5	2	3.5	2	120	D	22	13	F	SLT2DF02V1AV5	SLT2DF02V4AV5
1/4"	1.5	0.07	0	13	11	13	11	80	D	22	13	F	SLT2DF02N1BV1	SLT2DF02N4BV1
	1.5	0.07	0	13	11	13	11	120	D	22	13	F	SLT2DF02V1BV1	SLT2DF02V4BV1
	2.0	0.14	0	11	9	11	9	80	D	22	13	F	SLT2DF02N1BV2	SLT2DF02N4BV2
	2.0	0.14	0	11	9	11	9	120	D	22	13	F	SLT2DF02V1BV2	SLT2DF02V4BV2
	2.5	0.21	0	9	7	9	7	80	D	22	13	F	SLT2DF02N1BV3	SLT2DF02N4BV3
	2.5	0.21	0	9	7	9	7	120	D	22	13	F	SLT2DF02V1BV3	SLT2DF02V4BV3
	3.0	0.25	0	6	4	6	4	80	D	22	13	F	SLT2DF02N1BV4	SLT2DF02N4BV4
	3.0	0.25	0	6	4	6	4	120	D	22	13	F	SLT2DF02V1BV4	SLT2DF02V4BV4
	4.0	0.35	0	3.5	2	3.5	2	80	D	22	13	F	SLT2DF02N1BV5	SLT2DF02N4BV5
	4.0	0.35	0	3.5	2	3.5	2	120	D	22	13	F	SLT2DF02V1BV5	SLT2DF02V4BV5

SLT 2 Normally Open Energized、De-energized-----Flow Chart

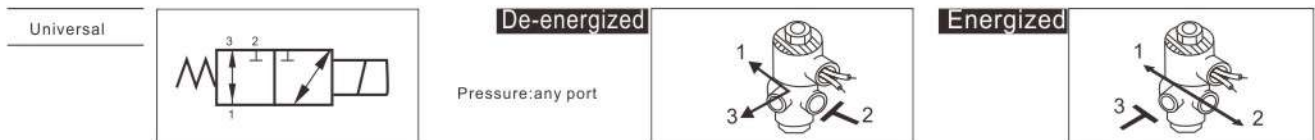


SLT series 3/2-way direct acting solenoid valve

SLT3 Universal Specification List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60Hz		
			Min.	Max. Pressure		AC 220V			W 24V					
				Air, Gas Water, liquid						Light oil ≦ 20CST				
				AC	DC					AC		DC	Brass	SS304
1/8"	1.5	0.07	0	7	5	7	5	80	D	22	13	F	SLT3DF02N1AV1	SLT3DF02N4AV1
	1.5	0.07	0	7	5	7	5	120	D	22	13	F	SLT3DF02V1AV1	SLT3DF02V4AV1
	2.0	0.14	0	5	4	5	4	80	D	22	13	F	SLT3DF02N1AV2	SLT3DF02N4AV2
	2.0	0.14	0	5	4	5	4	120	D	22	13	F	SLT3DF02V1AV2	SLT3DF02V4AV2
	2.5	0.21	0	4	3	4	3	80	D	22	13	F	SLT3DF02N1AV3	SLT3DF02N4AV3
	2.5	0.21	0	4	3	4	3	120	D	22	13	F	SLT3DF02V1AV3	SLT3DF02V4AV3
	3.0	0.25	0	2.5	2	2.5	2	80	D	22	13	F	SLT3DF02N1AV4	SLT3DF02N4AV4
	3.0	0.25	0	2.5	2	2.5	2	120	D	22	13	F	SLT3DF02V1AV4	SLT3DF02V4AV4
	4.0	0.35	0	1.7	0.8	1.7	0.8	80	D	22	13	F	SLT3DF02N1AV5	SLT3DF02N4AV5
	4.0	0.35	0	1.7	0.8	1.7	0.8	120	D	22	13	F	SLT3DF02V1AV5	SLT3DF02V4AV5
1/4"	1.5	0.07	0	7	5	7	5	80	D	22	13	F	SLT3DF02N1BV1	SLT3DF02N4BV1
	1.5	0.07	0	7	5	7	5	120	D	22	13	F	SLT3DF02V1BV1	SLT3DF02V4BV1
	2.0	0.14	0	5	4	5	4	80	D	22	13	F	SLT3DF02N1BV2	SLT3DF02N4BV2
	2.0	0.14	0	5	4	5	4	120	D	22	13	F	SLT3DF02V1BV2	SLT3DF02V4BV2
	2.5	0.21	0	4	3	4	3	80	D	22	13	F	SLT3DF02N1BV3	SLT3DF02N4BV3
	2.5	0.21	0	4	3	4	3	120	D	22	13	F	SLT3DF02V1BV3	SLT3DF02V4BV3
	3.0	0.25	0	2.5	2	2.5	2	80	D	22	13	F	SLT3DF02N1BV4	SLT3DF02N4BV4
	3.0	0.25	0	2.5	2	2.5	2	120	D	22	13	F	SLT3DF02V1BV4	SLT3DF02V4BV4
	4.0	0.35	0	1.7	0.8	1.7	0.8	80	D	22	13	F	SLT3DF02N1BV5	SLT3DF02N4BV5
	4.0	0.35	0	1.7	0.8	1.7	0.8	120	D	22	13	F	SLT3DF02V1BV5	SLT3DF02V4BV5

SLT 3 Universal Energized/De-energized ---Flow Chart



Sanlixin Solenoid Valve

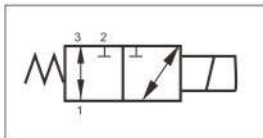
SLT series 3/2-way direct acting solenoid valve

SLT4 Diverting

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Max. Temp. °C	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60Hz		
			Max. Pressure						VA 220V	W 24V				
			Min.	Air, Gas Water, liquid		Light oil ≤ 20CST								
				AC	DC	AC			DC	Brass		SS304		
1/8 "	1.5	0.07	0	13	11	13	11	80	D	22	13	F	SLT4DF02N1AV1	SLT4DF02N4AV1
	1.5	0.07	0	13	11	13	11	120	D	22	13	F	SLT4DF02V1AV1	SLT4DF02V4AV1
	2.0	0.14	0	11	9	11	9	80	D	22	13	F	SLT4DF02N1AV2	SLT4DF02N4AV2
	2.0	0.14	0	11	9	11	9	120	D	22	13	F	SLT4DF02V1AV2	SLT4DF02V4AV2
	2.5	0.21	0	9	7	9	7	80	D	22	13	F	SLT4DF02N1AV3	SLT4DF02N4AV3
	2.5	0.21	0	9	7	9	7	120	D	22	13	F	SLT4DF02V1AV3	SLT4DF02V4AV3
	3.0	0.25	0	6	4	6	4	80	D	22	13	F	SLT4DF02N1AV4	SLT4DF02N4AV4
	3.0	0.25	0	6	4	6	4	120	D	22	13	F	SLT4DF02V1AV4	SLT4DF02V4AV4
	4.0	0.35	0	3.5	2	3.5	2	80	D	22	13	F	SLT4DF02N1AV5	SLT4DF02N4AV5
	4.0	0.35	0	3.5	2	3.5	2	120	D	22	13	F	SLT4DF02V1AV5	SLT4DF02V4AV5
1/4 "	1.5	0.07	0	13	11	13	11	80	D	22	13	F	SLT4DF02N1BV1	SLT4DF02N4BV1
	1.5	0.07	0	13	11	13	11	120	D	22	13	F	SLT4DF02V1BV1	SLT4DF02V4BV1
	2.0	0.14	0	11	9	11	9	80	D	22	13	F	SLT4DF02N1BV2	SLT4DF02N4BV2
	2.0	0.14	0	11	9	11	9	120	D	22	13	F	SLT4DF02V1BV2	SLT4DF02V4BV2
	2.5	0.21	0	9	7	9	7	80	D	22	13	F	SLT4DF02N1BV3	SLT4DF02N4BV3
	2.5	0.21	0	9	7	9	7	120	D	22	13	F	SLT4DF02V1BV3	SLT4DF02V4BV3
	3.0	0.25	0	6	4	6	4	80	D	22	13	F	SLT4DF02N1BV4	SLT4DF02N4BV4
	3.0	0.25	0	6	4	6	4	120	D	22	13	F	SLT4DF02V1BV4	SLT4DF02V4BV4
	4.0	0.35	0	3.5	2	3.5	2	80	D	22	13	F	SLT4DF02N1BV5	SLT4DF02N4BV5
	4.0	0.35	0	3.5	2	3.5	2	120	D	22	13	F	SLT4DF02V1BV5	SLT4DF02V4BV5

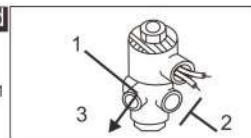
SLT 4 Universal Energized/De-energized ---Flow Chart

Universal

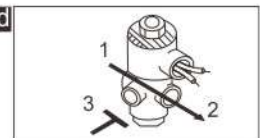


De-energized

Pressure: any port NO.1



Energized



SLT series 3/2-way pilot operated solenoid valve · normally closed

1. SLT series, 3-way solenoid valve feature pilot diaphragm construction together with a high flow rate. This The valve are highly resistant to dust, water deposits and other foreign matter. Capable of working at minimal differential pressures.
2. This valve have normally closed & normally open type
3. Seals: NBR、VITON、EPDM
4. Body Material: Brass
5. Fluid media: Air, Water, ect.
6. Working Pressure: 0.5~10kgf/cm²
7. Ambient Temp.: 0~65°C; Fluid Temp.: 0~120°C
8. Coil can fix SM Coil

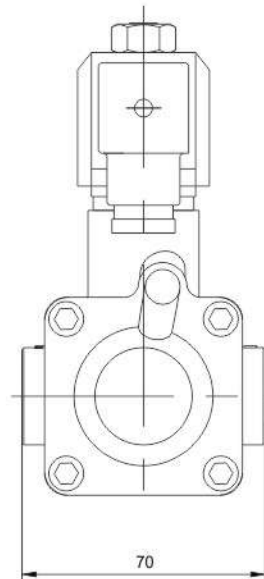
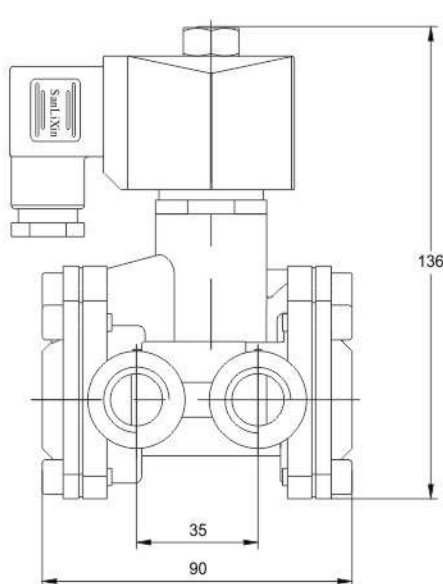


Solenoid Valve Numbering System for Order:

1	2	3	4	5	6	7	8	9	10
Series	Operating mode	Coil type	Coil Class	Voltage	Seal material	Body material	Pipe connection	Orifice	Option
SLT	1	D	F	02	N	1	D	16	
	1 = N.C. 2 = N.O.	D= DIN standard connections , fully encapsulated M= SM series coil	F= F class	02= AC220V 13= DC24V	N=NBR V=VITON E=EPDM	1= Forged brass	C=3/8" D=1/2"	16=16.0	L= With LED Plug N= NPT thread

Construction, external dimensions chart

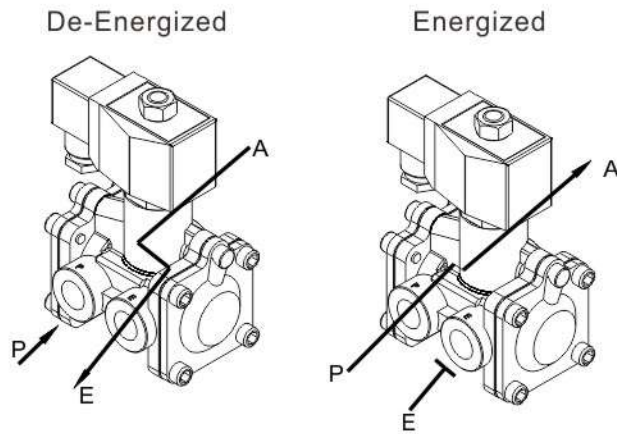
Weight: 1.65kg



Sanlixin Solenoid Valve

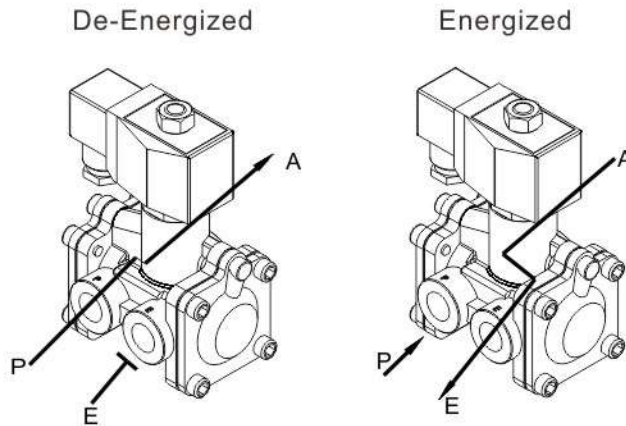
SLT series 3/2-way pilot operated solenoid valve · normally closed

Normally closed type



Pipe connection	Orifice mm	CV factor	Operating pressure (kgf/cm ²)			Max. Fluids Temp. °C	Coil class	Power consumption		Model Code AC220V 50/60HZ NBR
			Min.	Max.				VA	W	
				Air	Water, liquids			AC220V	DC24V	
3/8"	16	3.3	0.5	10	10	80	F	20	20	SLT1DF02N1C16
	16	3.3	0.5	10	10	120	F	20	20	SLT1DF02E1C16
	16	3.3	0.5	10	10	120	F	20	20	SLT1DF02V1C16
1/2"	16	3.3	0.5	10	10	80	F	20	20	SLT1DF02N1D16
	16	3.3	0.5	10	10	120	F	20	20	SLT1DF02E1D16
	16	3.3	0.5	10	10	120	F	20	20	SLT1DF02V1D16

Normally open type



Pipe connection	Orifice mm	CV factor	Operating pressure (kgf/cm ²)			Max. Fluids Temp. °C	Coil class	Power consumption		Model Code AC220V 50/60HZ NBR
			Min.	Max.				VA	W	
				Air	Water, liquids			AC220V	DC24V	
3/8"	16	3.3	0.5	10	10	80	F	20	20	SLT2DF02N1C16
	16	3.3	0.5	10	10	120	F	20	20	SLT2DF02E1C16
	16	3.3	0.5	10	10	120	F	20	20	SLT2DF02V1C16
1/2"	16	3.3	0.5	10	10	80	F	20	20	SLT2DF02N1D16
	16	3.3	0.5	10	10	120	F	20	20	SLT2DF02E1D16
	16	3.3	0.5	10	10	120	F	20	20	SLT2DF02V1D16

SLT series 3/2-way direct acting solenoid valve · universal

1. Seal Material: NBR, EPDM, VITON
2. Valve Body: Brass
3. Fluid media: Gas or Liquid
4. Fluid Temperature: 0~80°C
5. Ambient Temperature: -10~+60°C
6. Pressure: 0~20Bar
7. Voltage : AC220V ,DC24V ± 10% Voltage tolerance
8. Installation: the actuator can only be installed vertically upwards



Solenoid Valve Numbering System for Order:

1	2	3	4	5	6	7	8	9	10
Series	Operating mode	Coil type	Coil Class	Voltage	Seal material	Body material	Pipe connection	Orifice	Option
SLT	3	A	H	02	N	1	H	32	
	3= Universal	A= Metallic Housing, DIN Standard D= DIN Standard Connections, Fully Encapsulated	H= H class F= F class	02= AC220V AC230V 13= DC24V	N=NBR V=VITON E=EPDM	1= Forged brass 3=SS316 1= Forged brass	B=1/4" C=3/8" D=1/2 " H=1 1/4 " J=1 1/2 "	06=6.0 11=11.0 32=32.0	L= With LED Plug N= NPT thread

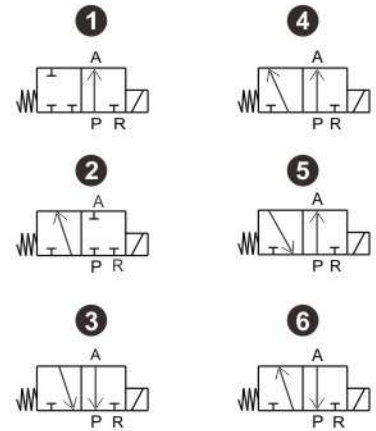
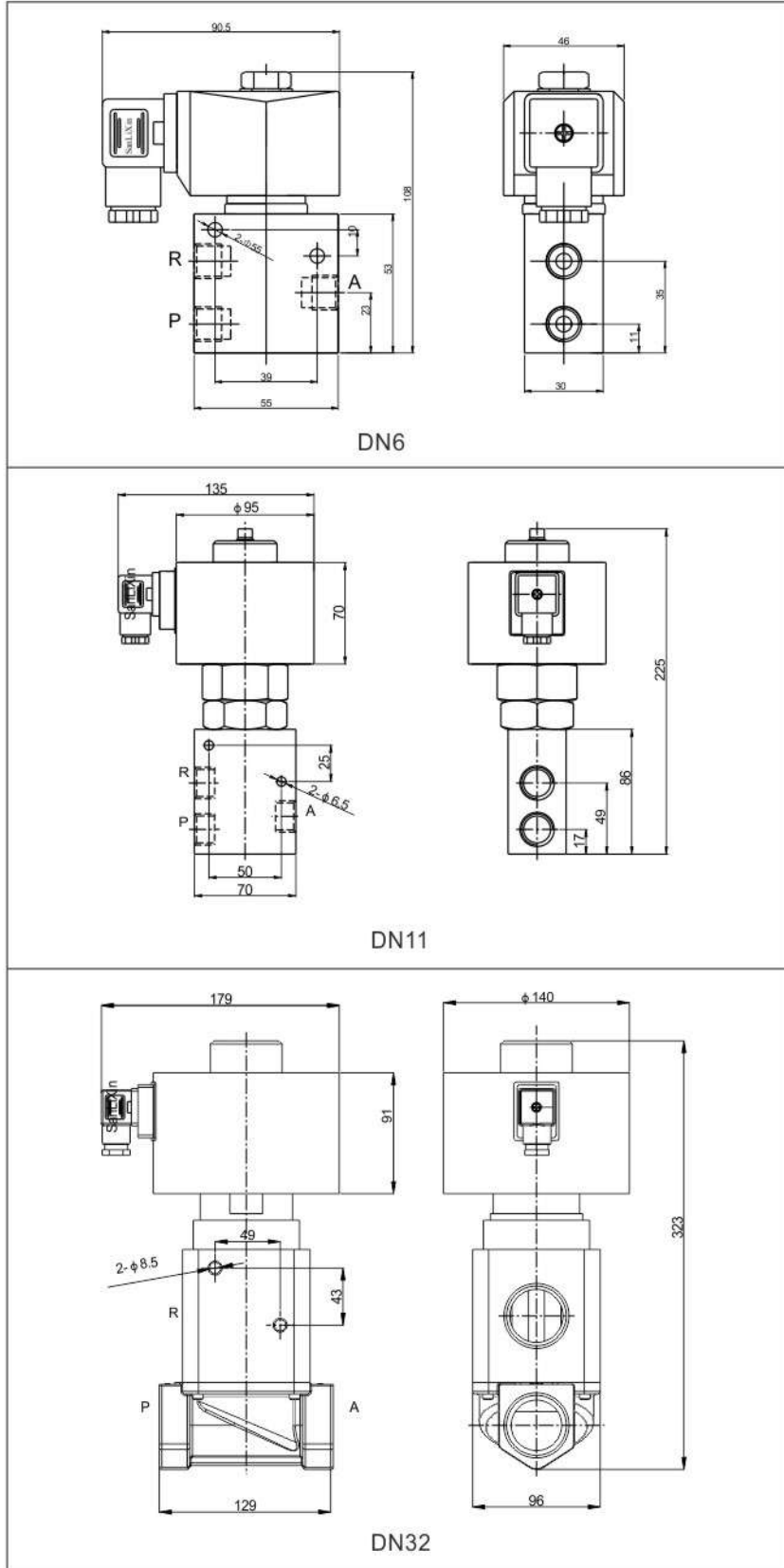
External Dimensions Chart

SIZE	Orifice mm	CV factor	Operating pressure differential kgf/cm ²				Max temp. °C	Power (W)	Model Code Follows Voltage are 220VAC	Weight Kg
			Max pressure			AC/DC				
			min pressure	Air Gas	Water Liquids					
1/4"	6	0.8	0	10	10	8	80	25	SLT3DF02N1B06L	1.1
1/4"	6	0.8	0	10	10	8	80	25	SLT3DF02N3B06L	1.1
3/8"	11	1.1	0	15	15	10	80	46	SLT3AH02N1C11L	5.4
1/2"	11	1.3	0	15	15	10	80	46	SLT3AH02N1D11L	5.4
1 1/4"	32	24	0	10	10	7	80	100	SLT3AH02N1H32L	17.5
1 1/2"	32	24	0	10	10	7	80	100	SLT3AH02N1J32L	17.5

Sanlixin Solenoid Valve

SLT series 3/2-way direct acting solenoid valve · universal

Construction, External Dimensions Chart



- 1. 2/2 normally closed type: P is the entrance, A is for exit, and R is blocked.
- 2. 2/2 normally open type: R is the entrance, A is for exit, and P is blocked.
- 3. 3/3, 1 in and 2 out of flow type: A is the entrance, P and R are exported.
- 4. 3/3, 2, 1 out of the confluence type: P, R for entrance, and A for exit.
- 5. 3/2 normally closed type: P is pressure port, A is outlet, R is exhaust port.
- 6. 3/2 normally open type: R is pressure port, A is outlet, P is outlet.

SLC series water dispenser plastic solenoid valve · normally closed

SLC Water Valve

2-way normallyclosed, 1/8 & 1/4 pipe size, plastic valvebody

Specification

Direct acting, Normally closed
Response time: 6~20MSEL
Mounting: Solenoid vertical and upright direction. Fixing screw M5

Using

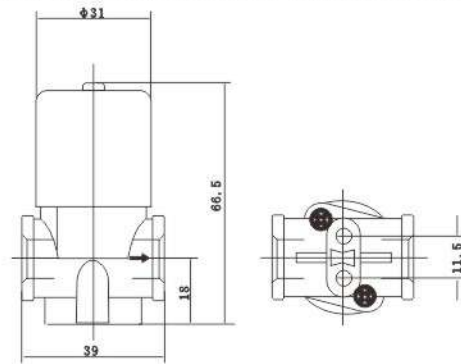
Fluid media: water
Fluids temp.: 0°C ~ 100°C
Ambient temp.: -10°C ~ +40°C



Characteristics

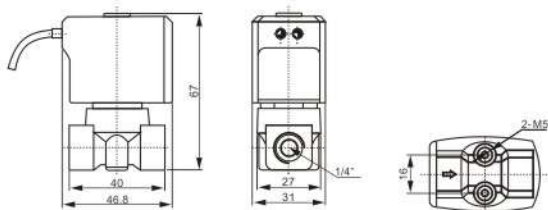
Power consumption: AC 6.8VA (Holding) DC 5W
Voltage: AC: 24V 110V 220V 50/60Hz, DC: 24V
Voltage Tolerance: -10%
Coil class: Class B 130
Duty cycle: 100%
lead length: 30 CM(12")

Construction, External Dimensions Chart



Component Material

Plunger: IJ117
Seals: EPDM
Body: PP, 1/8(black), 1/4(white), nylon6
Shading Ring: red copper



SLC5~6

Technical Parameter

Pipe size	Orifice	CV	Operating Pressure PSI			Model Code	Weight (KG)
			MIN	MAX-AC	MAX-DC		
NPT 1/8"	2.5(3/32)	0.21	0	120	120	SLC1	0.12
NPT 1/4"	2.5(3/32)	0.21	0	120	120	SLC2	
NPT 1/8"	3.0	0.23	0	100	100	SLC5	0.2
NPT 1/4"	3.0	0.23	0	100	100	SLC6	

Sanlixin Solenoid Valve

SLC series water dispenser plastic solenoid valve · normally closed

2-way normally closed plastic Solenoid valve

Characteristics

special diaphragm for foods and separate type

Specification

Direct acting
 Response time:10~50MSEL
 Mounting: Solenoid vertical and upright direction.
 Fixing screw M4 for SLC-3
 Fixing screw M3 for SLC-4



SLC3

Using

Fluid media: water
 Fluids temp.:0°C~100°C
 Ambient temp.: -10°C~ +40°C

Characteristics

Voltage: DC12V DC24V 9.3W
 Coil Class: CLASS B 130°C
 lead length:30CM



SLC4

Voltage tolerance

-10%~+10%

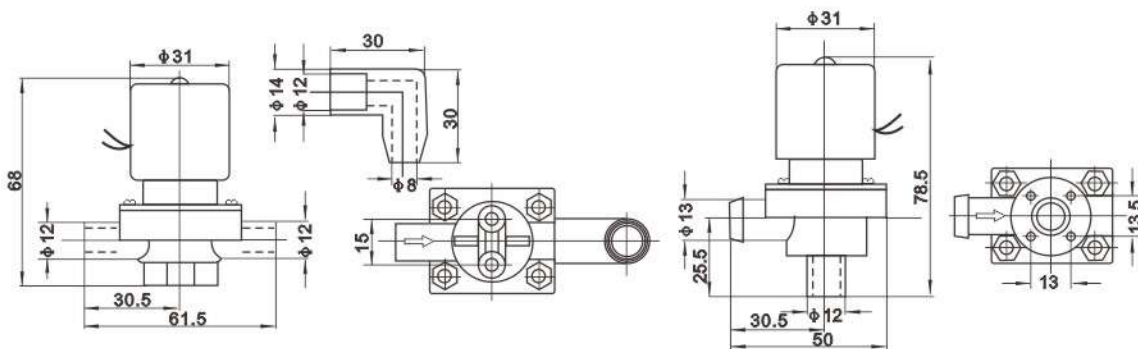
Component Material

Plunger: IJ117
 Seals: Silica Gel
 Body: PP

Technical Parameter

Model Code	Major diameter (insert port)	Orifice Water	Column mm	Weight (KG)
SLC3	12	8	600	0.14
SLC4	12	9	600	

Construction Dimensions Chart



SLC3

SLC4

SLC series water dispenser plastic solenoid valve · normally closed

Specification

Direct acting, Normally closed
Response time: 6-20 Msel
Upright direction, fixing screw M5

Using

Fluid media water
Fluid Temp: 0°C to -100°C
Ambient Temperature: -10°C to 40°C



SLC10

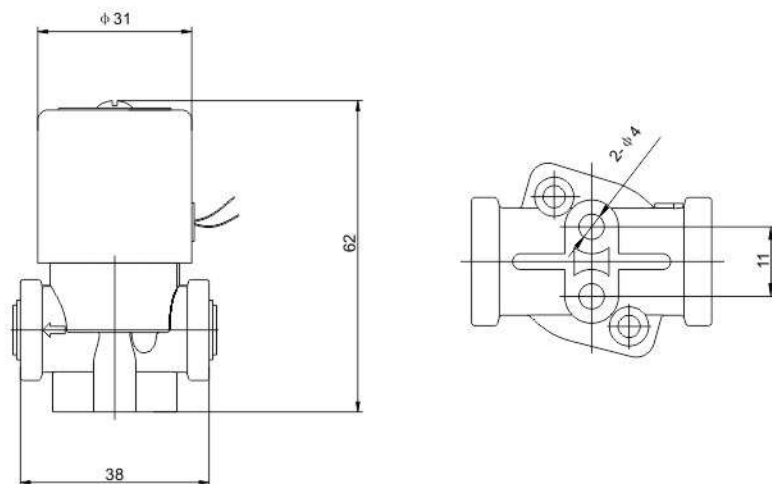
Characteristic

Power consumption: AC6.8VA(HOLD) DC5W
Voltage: AC24V 110V 220V, DC24V
Voltage Tolerance -10% to +10%
Coil Class: Class B 130°C
Duty cycle: 100%
Lead length: 30CM(12")

Component material

Plunger: Ij117
Seals: EPDM
Body Material: PP white
Shading Ring: Red copper

Construction, external dimensions chart



Technical Parameters

Quick connected pipe	Orifice	CV	Operating pressure			Model Code	Weight (KG)
			MIN	MAX-AC	MAX-DC		
R1/4"(φ6.35)	2.5 (3/32)	0.21	0	120	120	SLC10	0.12



Sanlixin Solenoid Valve

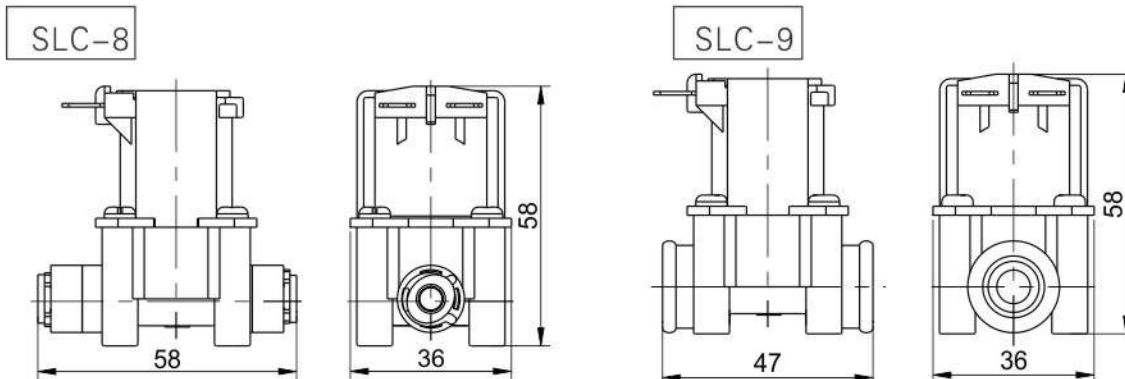
SLC series inlet plastic solenoid valve · normally closed

This series solenoid valve used for
RO machine. coffee machine.

1. Fluid media: water
2. Voltage: DC12V、DC24V ±10% Voltage tolerance , 5.6W
3. Fluid temperature: 0~80°C
4. Ambient temperature: -10~+60°C
5. Working pressure: 0.2~8.0bar
6. Life cycle: More than 100000
7. Connection : NPT1/4" (PP quick connect 6.35mm)
8. Material : POM (PP Opetion)
9. Seal material: EPDM
10. Mounting distance 25×25mm



Construction, External Dimensions Chart



Technical parameters

Model Code	Orifice	Operating pressure (bar)		Connect	Weight (KG)
		MIN	MAX		
SLC-8	10mm	0.2	8.0	quick connect 1/4" (Φ6.35mm)	0.11
SLC-9	10mm	0.2	8.0	NPT1/4"	0.11





SLC series inlet plastic solenoid valve · normally closed

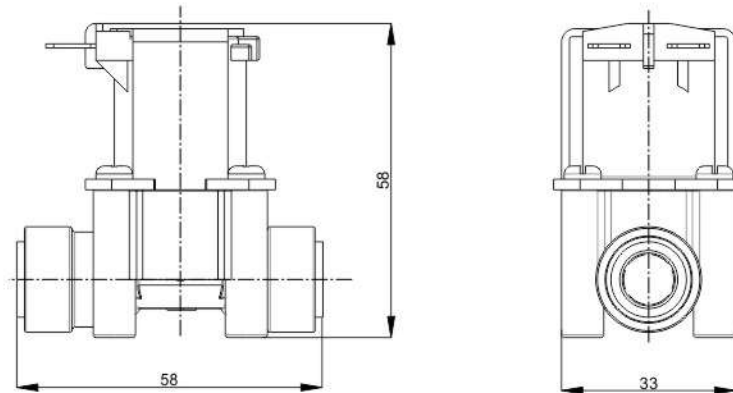
This series solenoid valve used for RO machine. coffee machine.

1. Fluid media: water
2. Voltage: DC12V、DC24V ±10% Voltage tolerance , 5.6W
3. Fluid temperature: 0~80℃
4. Ambient temperature: -10~+60℃
5. Working pressure: 0.2~8.0bar
6. Life cycle: More than 100000
7. Connection : 3/8" (quick connect 9.5mm)
8. Material : POM (PP Opetion)
9. Seal material: EPDM
10. Mounting distance 25×25mm



SLC15

Construction, External Dimensions Chart



Technical parameters

Model Code	Orifice	Operating pressure (bar)		Connect	Weight (KG)
		MIN	MAX		
SLC-15	10mm	0.2	8.0	quick connect 3/8" (Φ9.5mm)	0.13



Sanlixin Solenoid Valve

SLC series inlet plastic solenoid valve · normally closed

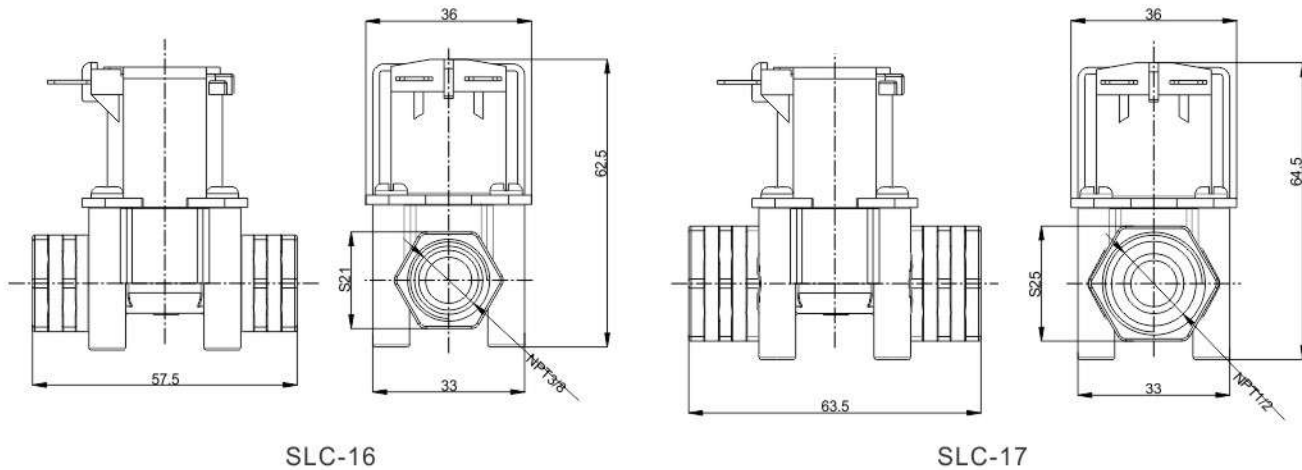
This series solenoid valve used for RO machine. coffee machine.

1. Fluid media: water
2. Voltage: DC12V、DC24V ±10% Voltage tolerance , 5.6W
3. Fluid temperature: 0~80°C
4. Ambient temperature: -10~+60°C
5. Working pressure: 0.2~8.0bar
6. Life cycle: More than 100000
7. Connection : NPT3/8" , NPT1/2"
8. Material : POM (PP Opetion)
9. Seal material: EPDM
10. Mounting distance 25×25mm



SLC16-17

Construction, External Dimensions Chart



Technical parameters

Model Code	Orifice	Operating pressure (bar)		Connect	Weight (KG)
		MIN	MAX		
SLC-16	10mm	0.2	8.0	NPT 3/8	0.11
SLC-17	10mm	0.2	8.0	NPT 1/2	0.12



SLC series inlet plastic solenoid valve · normally closed

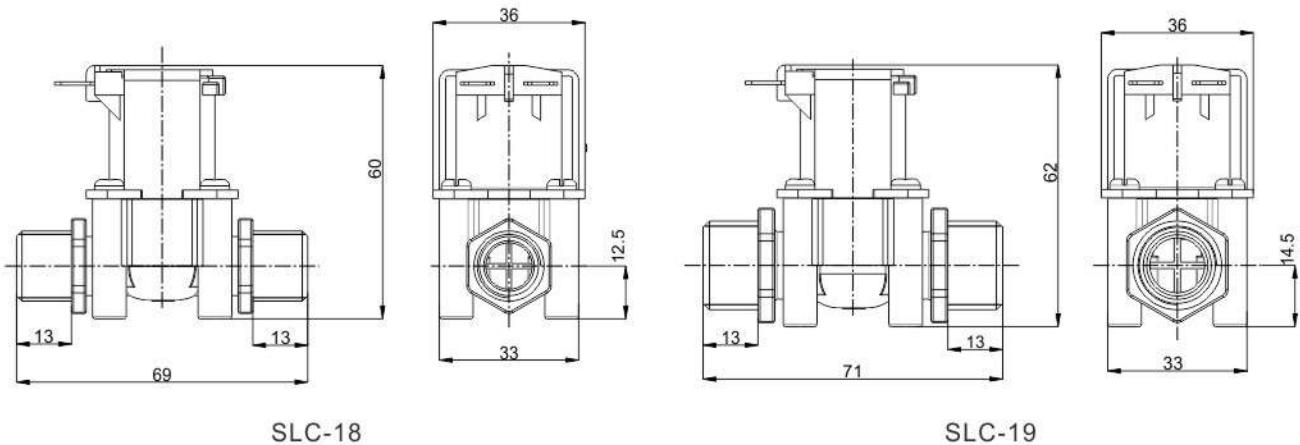
This series solenoid valve used for RO machine. coffee machine.

1. Fluid media: water
2. Voltage: DC12V、DC24V ±10% Voltage tolerance , 5.6W
3. Fluid temperature: 0~80℃
4. Ambient temperature: -10~+60℃
5. Working pressure: 0.2~8.0bar
6. Life cycle: More than 100000
7. Connection : G3/8" , G1/2"
8. Material : POM (PP Opetion)
9. Seal material: EPDM
10. Mounting distance 25×25mm



SLC18-19

Construction, External Dimensions Chart



Technical parameters

Model Code	Orifice	Operating pressure (bar)		Connect	Weight (KG)
		MIN	MAX		
SLC-18	10mm	0.2	8.0	G 3/8	0.11
SLC-19	10mm	0.2	8.0	G 1/2	0.12

Sanlixin Solenoid Valve

SLC series outlet plastic solenoid valve · normally closed

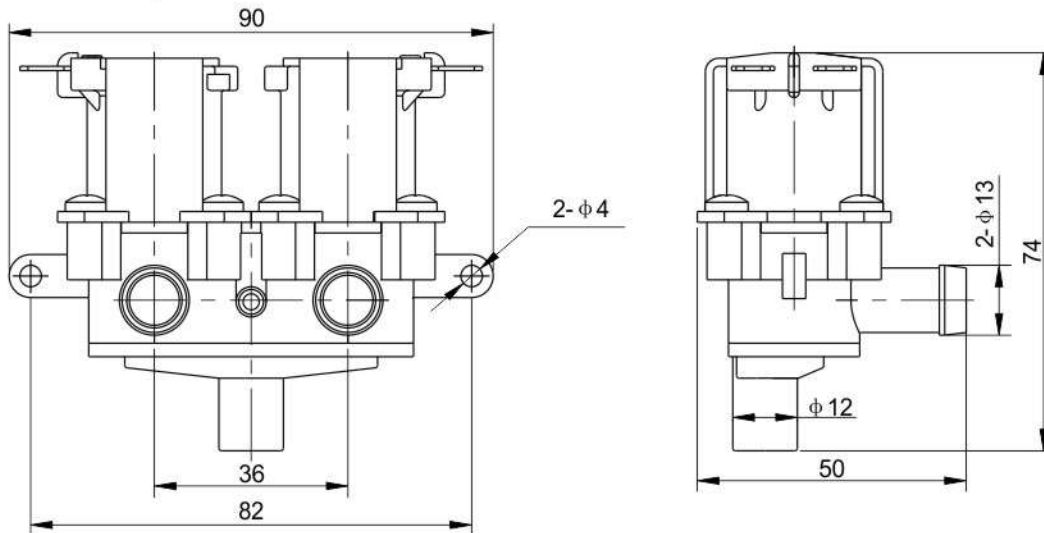
This series solenoid valve used for RO machine. coffee machine.

1. Fluid media: water
2. Voltage: DC12V、DC24V ±10% Voltage tolerance , 8.5W
3. Fluid temperature: 0~100℃
4. Ambient temperature: -10~+60℃
5. Working pressure: 0~0.5PSI
6. Life cycle: More than 100000
7. Material : PES
8. Seal material: silicon



SLC12

Construction, External Dimensions Chart



Technical parameters

Model Code	Orifice	Operating pressure (bar)		Connect	Weight (KG)
		MIN	MAX		
SLC-12	10mm	0	0.5	inlet 2 × Φ13, outlet Φ12	0.22

SLC series outlet plastic solenoid valve · normally closed

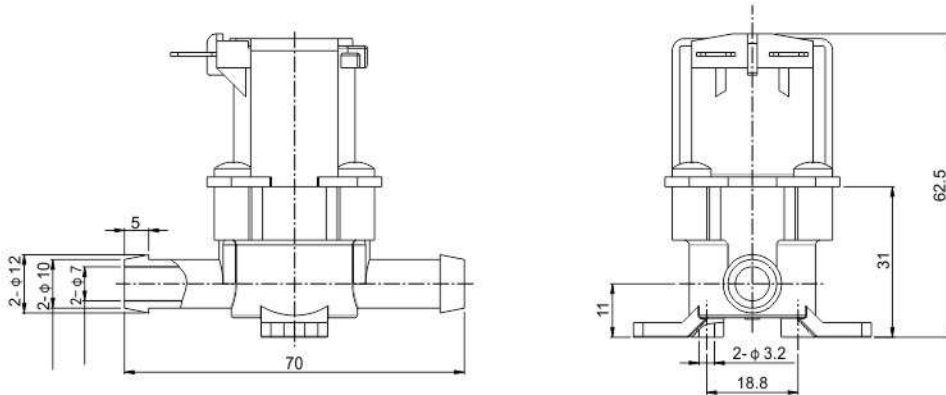
This series solenoid valve used for RO machine. coffee machine.

1. Fluid media: water
2. Voltage: DC12V、DC24V ±10% Voltage tolerance , 8.5W
3. Fluid temperature: 0~100°C
4. Ambient temperature: -10~+60°C
5. Working pressure: 0~0.5PSI
6. Life cycle: More than 100000
7. Material: POM (PP Opetion)
8. Seal material: silicon



SLC13

Technical parameters



Technical parameters

Model Code	Orifice	Operating pressure (bar)		Connect	Weight (KG)
		MIN	MAX		
SLC-13	10mm	0	0.5	inlet Φ12, outletΦ12	0.11



Sanlixin Solenoid Valve

SLC series waste water plastic solenoid valve normally closed

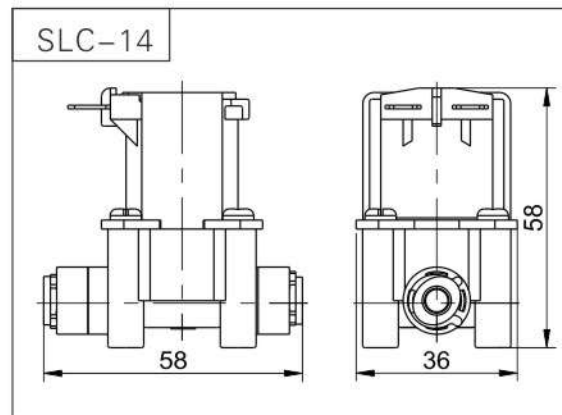
This series solenoid valve used for RO machine. coffee machine.

1. Fluid media: water
2. Voltage: DC12V、DC24V ±10% Voltage tolerance , 5.6W
3. Fluid temperature: 0~80℃
4. Ambient temperature: -10~+60℃
5. Working pressure: 0.2~8.0bar
6. Life cycle: More than 100000
7. Material: POM (PP Opetion)
8. Seal material: EPDM



SLC14

Technical parameters



Technical parameters

Model Code	Orifice	Operating pressure (bar)		Connect	Weight (KG)
		MIN	MAX		
SLC-14	10mm	0.2	8.0	quick connect 1/4" (Φ6.35mm)	0.11

Flow characteristics

Water Pressure	0.3Mpa	0.42Mpa
Flow rate	> 3L/min	Waste water flow: 300 ± 10%ml/min

2W series 2/2-way direct acting solenoid valve · normally closed

2W | **160** | **15** | **V** | **AC220V**

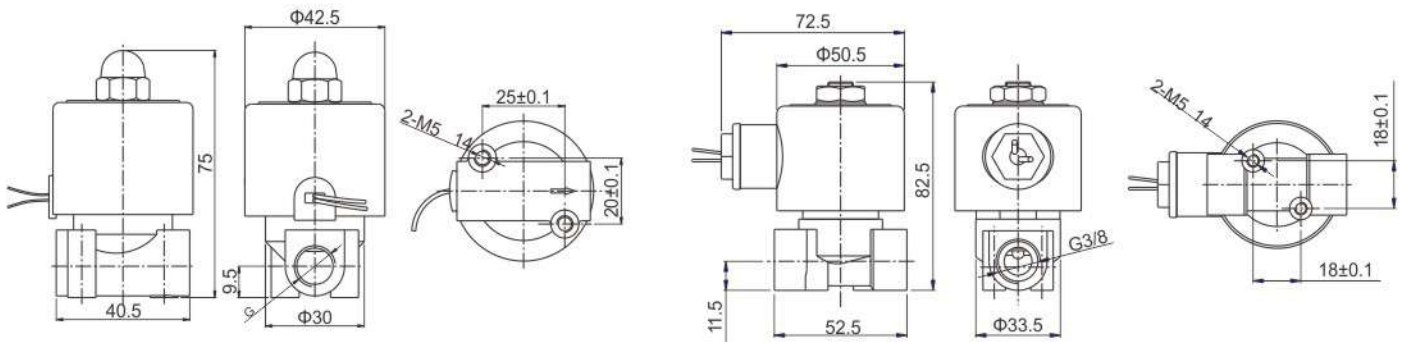
2 Way Direct Acting | Orifice | Pipe Size | Available Voltage
 Blank: NBR | V: For High Temp. | AC: 110V | AC: 220V | DC: 24V | Contact the Factory for Others



Specifications

Model code	2W025-06	2W025-08	2W040-10	2W100-10	2W160-10	2W100-15	2W160-15	2W200-20	2W250-25	2W350-35	2W400-40	2W500-50
Pipe Size	1/8"	1/4"	3/8"		1/2"		3/4"	1"	1 1/4"	1 1/2"	2"	
Orifice	2.5mm		4mm	10mm	16mm	10mm	16mm	20mm	25mm	32mm	40mm	50mm
Cv Factor	0.23	0.6	1.6	4.8	1.6	4.8	7.6	12	24	29	48	
Fluid Media	Air, Water, Oil, Gas											
Operating Mode	Direct Acting											
Type	Normally Closed											
Viscosity	Under 20 CST											
Operating Pressure	Water: 0~7bar Air: 0~7bar Oil: 0~5bar											
Available Voltage	AC220V AC110V DC24V DC12V ± 10%											
Body Material	Brass											
Seals Material	NBR or VITON											

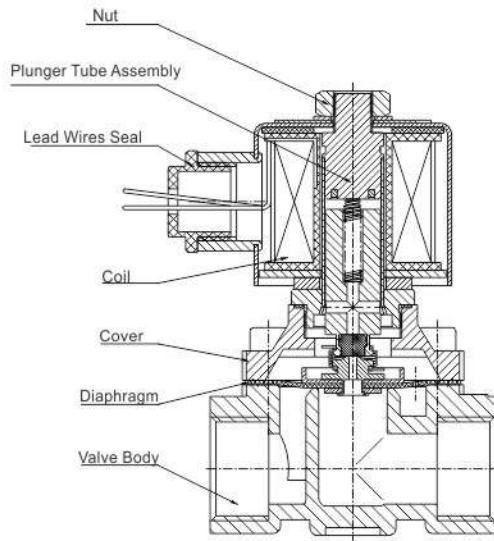
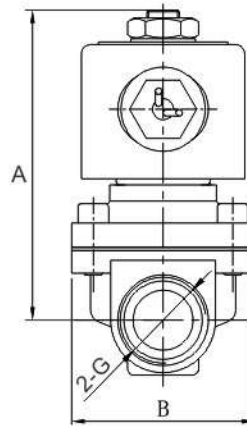
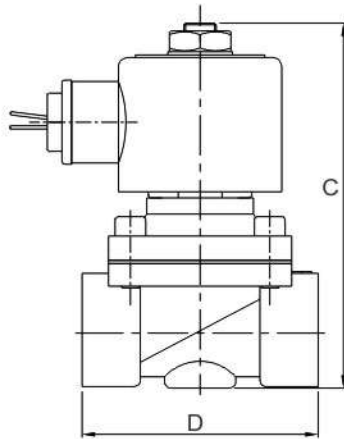
Construction Dimensions Chart



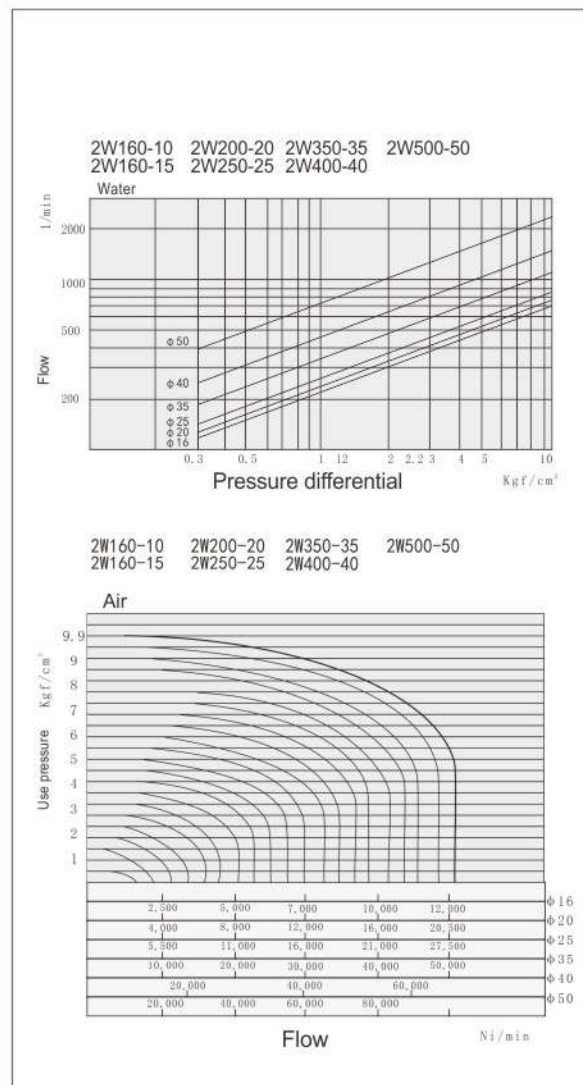
Sanlixin Solenoid Valve

2W series 2/2-way direct acting solenoid valve · normally closed

Construction Dimensions Chart



Fluid Flow Chart



Technical Parameter

Model code	A	B	C	D	G	Weight (KG)
2W100-10	90	40.5	98	50	3/8"	0.64
2W100-15	90	40.5	98	50	1/2"	0.68
2W160-10	101.5	57	117	69	3/8"	0.9
2W160-15	101.5	57	117	69	1/2"	0.9
2W200-20	107	57	123.5	73	3/4"	1.0
2W250-25	111.5	73.5	134.5	99	1"	1.5
2W350-35	142	95	172	112	1 1/4"	2.4
2W400-40	142	95	172	123	1 1/2"	2.7
2W500-50	172	123	209	168	2"	4.5

2W series 2/2-way direct acting solenoid valve · normally closed

Technical Parameter (Female Thread)

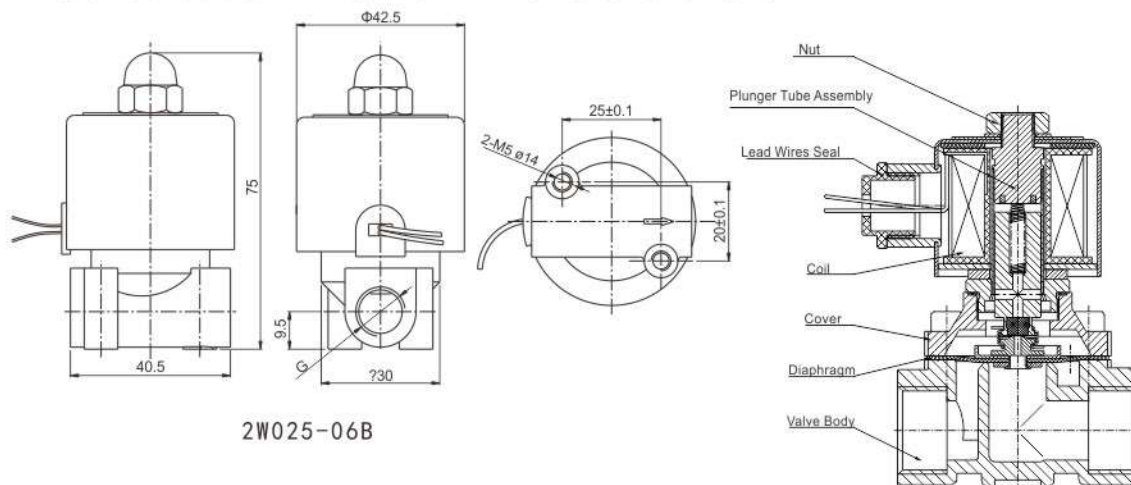
Model code	L	H	Pipe Size	Weight (KG)
2W025-06B	40.5	75	1/8"	0.30
2W025-08B	40.5	75	1/4"	0.29
2W040-10B	52.5	85.5	3/8"	0.6
2W160-10B	69	117	3/8"	0.85
2W160-15B	69	117	1/2"	0.8
2W200-20B	73	123.5	3/4"	1.1
2W250-25B	99	134.5	G1"	1.45
2W350-35B	112	172	1 1/4"	2.3
2W400-40B	123	172	1 1/2"	2.9
2W500-50B	168	209	2"	4.8



Specifications

Model code	2W025-06B	2W025-08B	2W040-10B	2W160-10B	2W160-15B	2W200-20B	2W250-25B	2W350-35B	2W400-40B	2W500-50B
Symbol										
Fluid Media	Air, Water, Oil, Gas									
Operating Mode	Direct Acting									
Type	Normally Closed									
Orifice	2.5	4	16	20	25	32	40	50		
Cv Factor	0.23	0.6	4.8	7.6	12	24	29	48		
Pipe Size	1/8"	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Viscosity	Under 20 CST									
Operating Pressure	Water:0~7 Air:0~7 Oil:0~5									
Fluids Temp.	-5~80°C									
Available Voltage	± 10% AC220V 110V DC24V Contact the factory for Others									
Body Material	S.S.304 (S.S.316 Special Made)									
Seals Material	NBR or VITON									

Construction External Dimensions Chart

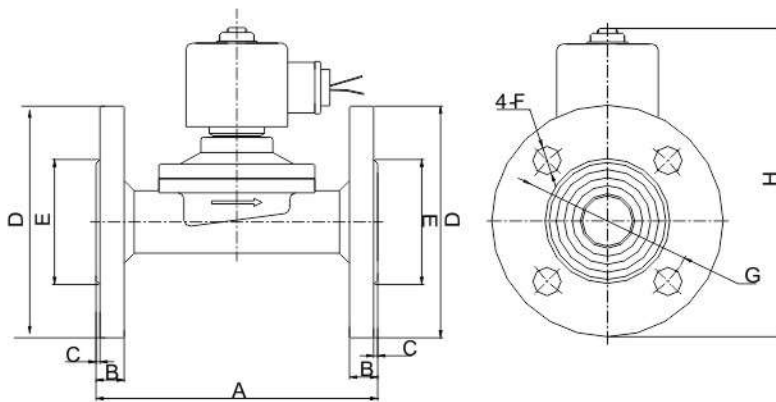


Sanlixin Solenoid Valve

2W series 2/2-way direct acting solenoid valve · normally closed



Construction Dimensions Chart



Model	A	B	C	ϕD	ϕE	ϕF	ϕG	H	Weight(KG)
2W160-15FB	108	12	2	95	45	4-14	65	138	1.8
2W200-20FB	108	12	2	102	56	4-14	75	141	2.0
2W250-25FB	140	14	2	115	62	4-14	85	160	2.9
2W350-35FB	152	15	2	135	76	4-18	100	212	5.1
2W400-40FB	152	15	2	145	84	4-18	110	215	6.1
2W500-50FB	195	16	2	160	98	4-18	125	252	8.2

2W series 2/2-way direct acting solenoid valve • normally open

Characteristics

Normally open, open when de-energized,
 Closed when energized
 Body material: forged brass
 They are capable of operating at zero differential pressure
 Available voltage: AC110v/220v 50/60Hz DC24v
 Voltage tolerance: +10% to -10% applicable voltage

Inapplicable Fluids

Fluids that will turn to liquid after being heated and become solid after being cooled
 Strong corrosive fluids
 Fluids that have kinematic viscosity over 20 CST

Attention

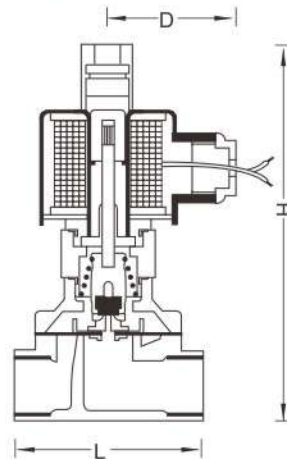
Make sure the pipe is clean before installing
 Pls fix a Y frame filter in front of the solenoid valve, for longer life-span



Technical Parameter

Model Code	L	H	Pipe Size	Weight (KG)
2W160-10H	69	135	3/8"	1.2
2W160-15H	69	135	1/2"	1.2
2W200-20H	73	142	3/4"	1.3
2W250-25H	99	150	1"	1.7
2W350-35H	112	186	1 1/4"	2.9
2W400-40H	123	197	1 1/2"	3.2
2W500-50H	168	225	2"	4.9

Construction Dimensions Chart



Specifications

Model Code	2W160-10H	2W160-15H	2W200-20H	2W250-25H	2W350-35H	2W400-40H	2W500-50H
Fluid Media	Air, Water, Oil, Gas						
Operating Mode	Direct Acting						
Type	Normally Open						
Orifice	16	20	25	32	40	50	
Cv Rating	4.8	7.6	12	24	29	48	
Pipe Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Viscosity	blew 20CST						
Operating Pressure	Water:0~5 Air:0~5 Oil:0~5						
Fluids Temp.	-5~80°C						
Available Voltage	± 10%						
Body Material	Forged Brass						
Seals Material	NBR or VITON						

Sanlixin Solenoid Valve

2W series 2/2-way direct acting solenoid valve • normally open

Characteristics

Normally open, open when de-energized,
closed when energized
Body material: forged brass
They are capable of operating at zero differential pressure
Available voltage: AC110v/220v 50/60Hz DC24v
Voltage tolerance: +10% to -10% applicable voltage

Inapplicable Fluids

Fluids that will turn to liquid after being heated and
become solid after being cooled
Strong corrosive fluids
Fluids that have kinematic viscosity over 20 CST

Attention

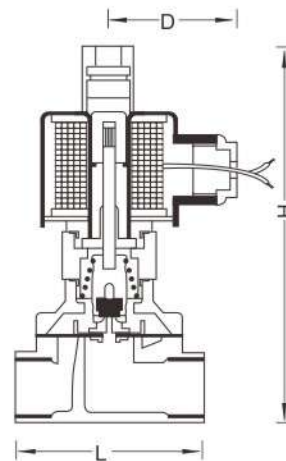
Make sure the pipe is clean before installing
Pls fix a Y frame filter in front of the solenoid valve,
for longer life-span



Technical Parameter (Female Thread)

Model Code	L mm	H mm	Pipe Size	Weight (KG)
2W160-10BH	69	135	3/8"	1.2
2W160-15BH	69	135	1/2"	1.1
2W200-20BH	73	142	3/4"	1.3
2W250-25BH	99	150	1"	1.7
2W350-35BH	112	186	1 1/4"	2.6
2W400-40BH	123	197	1 1/2"	3.3
2W500-50BH	168	225	2"	4.9

Construction Dimensions Chart



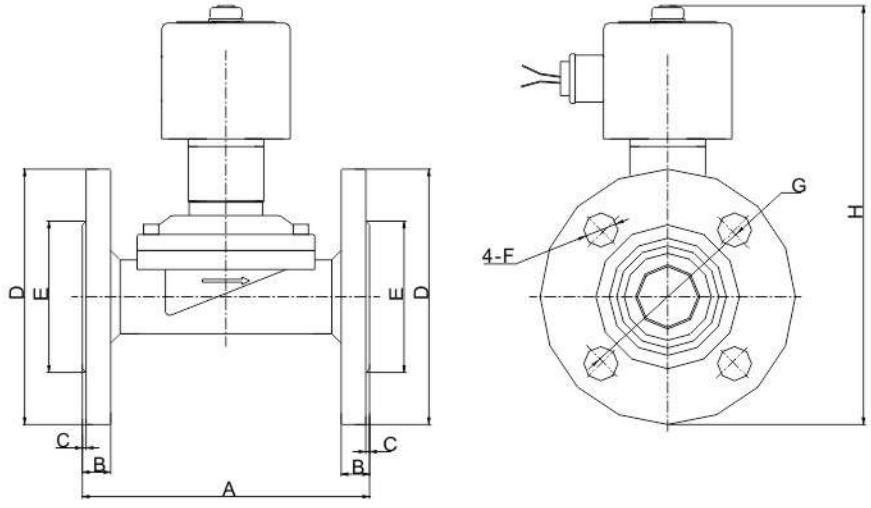
Specifications

Model Code	2W160-10BH	2W160-15BH	2W200-20BH	2W250-25BH	2W350-35BH	2W400-40BH	2W500-50BH
Fluid Media	Air, Water, Oil, Gas						
Operating Mode	Direct Acting						
Type	Normally Open						
Orifice	16	20	25	32	40	50	
Cv Rating	4.8	7.6	12	24	29	48	
Pipe Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Viscosity	Under 20 CST						
Operating Pressure	Water:0~5 Air:0~5 Oil:0~5						
Fluids Temp.	-5~80°C						
Available Voltage	± 10%						
Body Material	S.S.304						
Seals Material	NBR or VITON						

2W series 2/2-way direct acting solenoid valve · normally open



Construction Dimensions Chart



Model	A	B	C	φD	φE	φF	φG	H	Weight (KG)
2W160-15FBH	108	12	2	95	45	4-14	65	162	1.95
2W200-20FBH	108	12	2	102	56	4-14	75	165	2.15
2W250-25FBH	140	14	2	115	62	4-14	85	160	3.1
2W350-35FBH	152	15	2	135	76	4-18	100	230	5.4
2W400-40FBH	152	15	2	145	84	4-18	110	240	6.4
2W500-50FBH	195	16	2	160	98	4-18	125	270	8.6

Sanlixin Solenoid Valve

DF series pilot operated liquid solenoid valve

Specifications

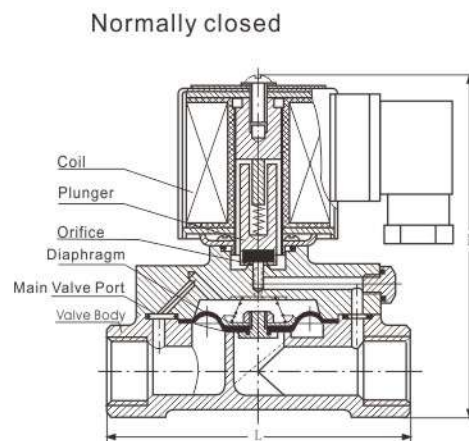
1	Max operation pressure: 8bar
2	Operating pressure differential: 0.3-8bar (φ3, φ5 Direct acting 0~6 bar)
3	Ambient temperature: -10℃-50℃
4	Fluid media temperature: 0℃-75℃
5	Voltage: AC:380V;220V;36V/50Hz DC:12V;24;110V;220V
6	Insulation class: F class
7	Power consumption: φ5-φ20 12w φ25-φ100 15w φ1255-φ150 30w,
8	Coil temperature rising: -15% - 10%
9	Coil temperature rising: +10% to -10% applicable voltage
10	fluid media: liquids, air, light oil <20CST
11	Mounting position: flow as arrow, solenoid vertical and upright direction.
12	Response time: φ3~φ50≤1s Closed≤2s ; φ65~φ150≤3s Closed≤5s



Parameters

Model code	A(mm)	H(mm)	Pipe size(Female Thread)	Body material	Weight(KG)
DF-15	90	105	G 1/2"	Brass	1.0
DF-20	100	115	G 3/4"		1.2
DF-25	120	135	G 1"		1.6
DF-32	135	145	G 1 1/4"		2.1
DF-40	145	160	G 1 1/2"		2.7
DF-50	185	180	G 2"		4.3

Construction, external dimensions chart

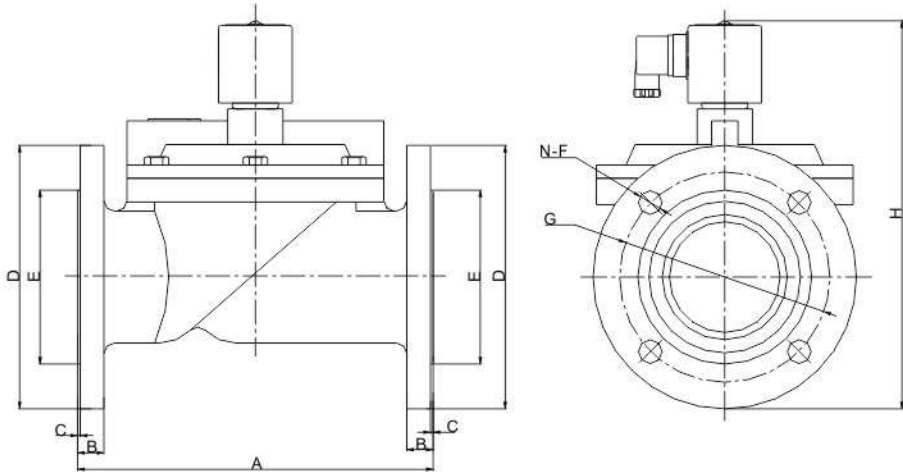


If you want the valve normally open model for example:DF-15H

DF series pilot operated liquid solenoid valve



Construction Dimensions Chart



Model	A	B	C	ΦD	ΦE	ΦF	ΦG	H	N	Body Material
DF-40F	155	15	2	150	88	18	110	205	4	Cast Iron
DF-50F	200	16	2	160	88	18	125	220	4	
DF-65F	250	20	3	185	118	18	145	260	4	
DF-80F	270	18	2	200	132	18	160	275	4	
DF-100F	350	20	2	220	160	18	180	310	8	
DF-125F	400	25	3	250	184	18	210	380	8	
DF-150F	450	24	3	285	212	22	240	405	8	

Sanlixin Solenoid Valve

ZQDF general use series solenoid valve • normally closed

Technical parameters

1	Max operation pressure: 8bar
2	Working pressure: 0-8bar
3	Fluid media: fluid, air, steam, and light oil <20CST
4	Fluid temp: ≤180℃
5	Voltage: AC:380V;220V;36V/50Hz DC:12V;24
6	Coil class: class H
7	Voltage tolerance -15% + 10%
8	Power consumption: 50w
9	Response time: open≤2sec, closed ≤3sec
10	Mounting position: flow as arrow, solenoid vertical and upright direction. Pure fluids.

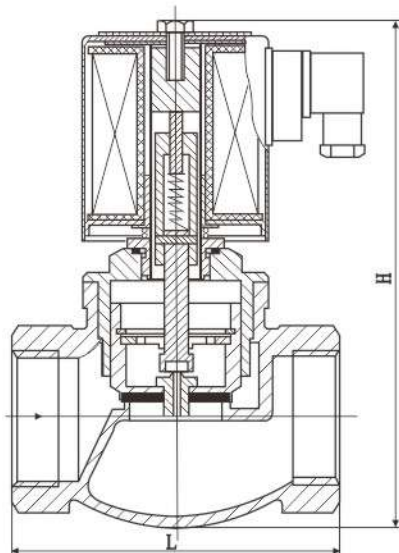


Parameters

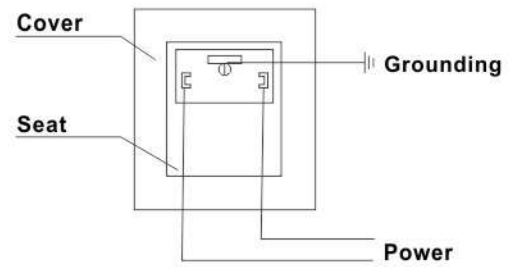
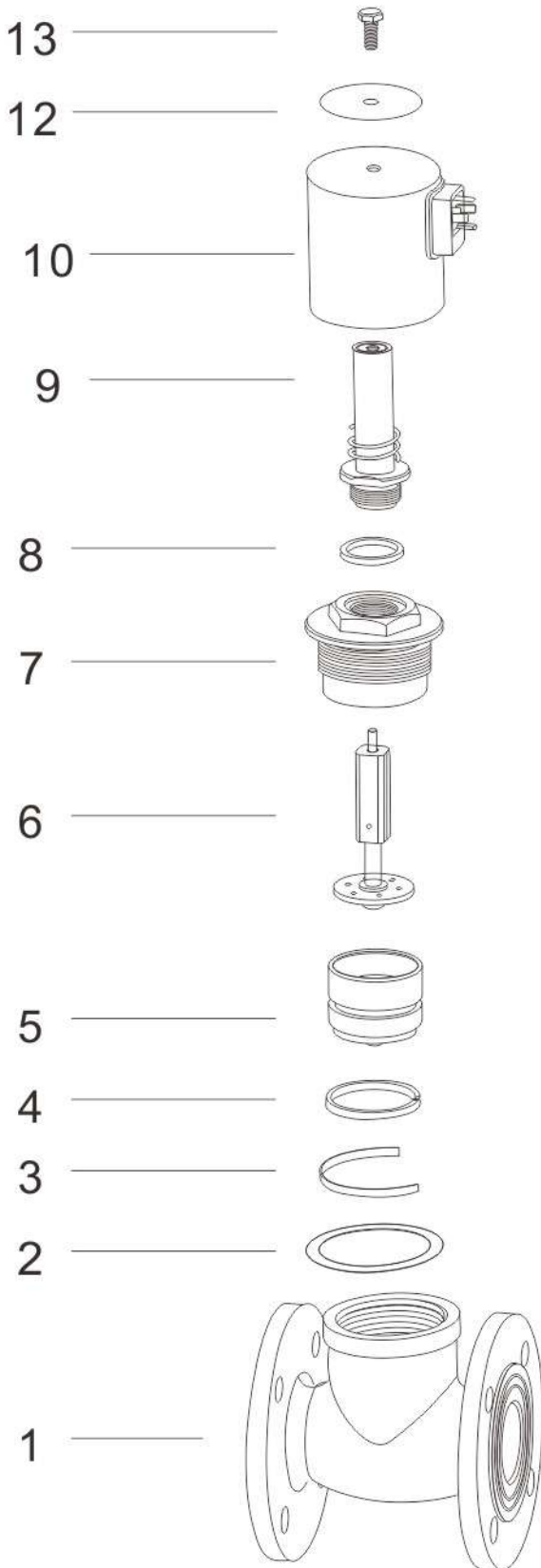
Model code	L (mm)	H (mm)	Pipe size(Female)	Weight(KG)	Body Material:
ZQDF-15	86	178	G 1/2"	2.6	Brass
ZQDF-20	94	180	G 3/4"	2.7	
ZQDF-25	105	190	G 1"	4.0	
ZQDF-32	115	210	G 1 1/4"	4.4	
ZQDF-40	130	223	G 1 1/2"	4.8	
ZQDF-50	150	228	G 2"	5.8	

TEFLON NOTE: standard Teflon, pls advise if you want viton

Construction, external dimension chart



ZQDF general use series solenoid valve • normally closed



Electric wiring chart

Code	Components
01	Valve body
02	Seals
03	Elastic ring
04	Piston ring
05	Piston assembly
06	Stem assembly
07	Valve cover
08	Plunger tube seals ring
09	Plunger assembly
10	Coil
11	Plug
12	Nameplate
13	Lock nut

Sanlixin Solenoid Valve

ZQDF general use series solenoid valve · normally closed

Technical parameters

1	Max operation pressure: 8bar
2	Working pressure: 0-8bar
3	Fluid media: fluid, air, steam, and light oil
4	Fluid temp: ≤180℃
5	Voltage: AC:380V;220V 36V/50Hz DC:24V
6	Coil class: class H
7	Voltage tolerance -15% to +10%
8	Power consumption: 50w
9	Response time: open≤2sec, closed ≤3sec
10	Mounting position: flow as arrow, solenoid vertical and upright direction. Pure fluids.

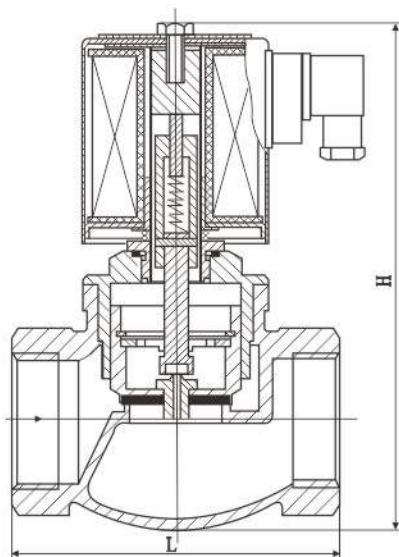


Parameters

Model code	L (mm)	H (mm)	Pipe size (Female)	Body Material:	Weight(KG)
ZQDF-15B	86	178	G 1/2"	SS304	2.6
ZQDF-20B	94	180	G 3/4"		2.7
ZQDF-25B	105	190	G 1"		3.8
ZQDF-32B	115	210	G 1 1/4"		4.2
ZQDF-40B	130	223	G 1 1/2"		4.6
ZQDF-50B	150	228	G 2"		5.7

TEFLON NOTE: standard Teflon, pls advise if you want viton

Construction, external dimension chart



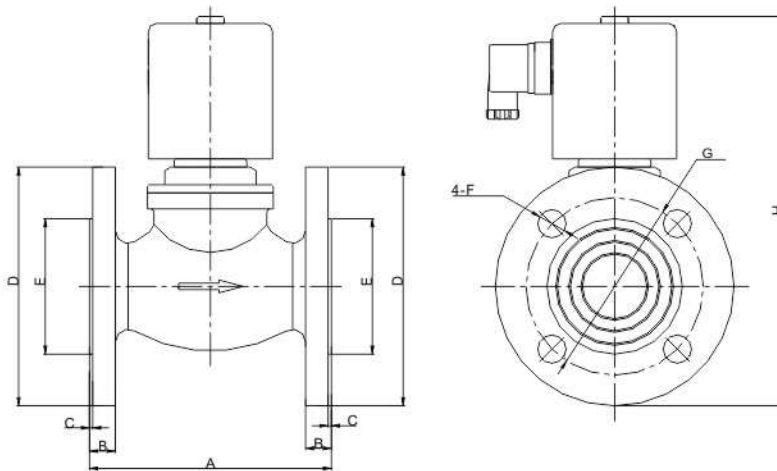
ZQDF general use series solenoid valve · normally closed

Technical parameters

1. Body Material: Brass SS304
2. Working Pressure: 0-8bar
3. Media: Liquid, gas, steam. Oil<20CST
4. Voltage: AC380V 220V 36V/50HZ DC24V etc.
5. Class of insulation: Class H
6. Power: 50W
7. Tolerance for the power supply: -15% ~+10%
8. Mounting position: flow as arrow, solenoid vertical and upright direction,
9. If you want the SS304 body, the model for example : ZQDF-25BF



External Dimension



Model	A	B	C	D	E	F	G	H	Weight(KG)
ZQDF-20F	110	12	2	102	56	4-14	75	215	5.2
ZQDF-25F	110	12	2	115	65	4-14	85	215	5.4
ZQDF-32F	126	16	2	140	78	4-18	100	245	5.9
ZQDF-40F	150	16	2	148	84	4-18	110	253	8.5
ZQDF-50F	160	16	2	165	102	4-18	125	268	9.8

Sanlixin Solenoid Valve

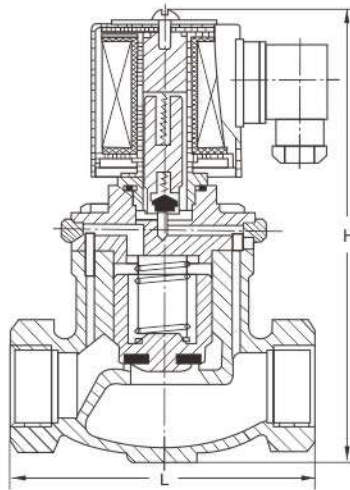
ZCZ(ZCZP) series 2/2-way solenoid valve · normally closed

Technical parameters

1	Max Pressure	1.6MPa <1.0MPa>
2	Operting differential pressure	0.05~1.6MPa ≥ φ 65 0.1~1.6MPa <ZCZP Series 0.04~1.0MPa>
3	Media	Liquid, gas, steam, oil <20CST
4	Media Temperature	≤180°C <200°C
5	Voltage	AC:380V 220V 36V/50Hz DC:24V 110V 220V
6	Coils class	Class H
7	Power supply Tolerance	-15%~ +10%
8	Power	φ 15~ φ 50 24W φ 65~ φ 150 50W
9	Response Time	φ 15~ φ 50 Open ≤2s Closed ≤3s φ 65~ φ 150 Open ≤3s Closed ≤5s
10	Mounting Position	Flow as arrow, solenoid vertical and upright direction, pure



Construction, external dimension chart



Parameters

Model code	L(mm)	W(mm)	Pipe size (Female Thread)	Body Material	Wight(KG)
ZCZ-15	90	150	G 1/2"	Brass	1.3
ZCZ-20	100	160	G 3/4"		1.5
ZCZ-25	115	176	G 1"		2.3
ZCZ-32	140	201	G 1 1/4"		3.1
ZCZ-40	155	223	G 1 1/2"		4.4
ZCZ-50	170	230	G 2"		5.9

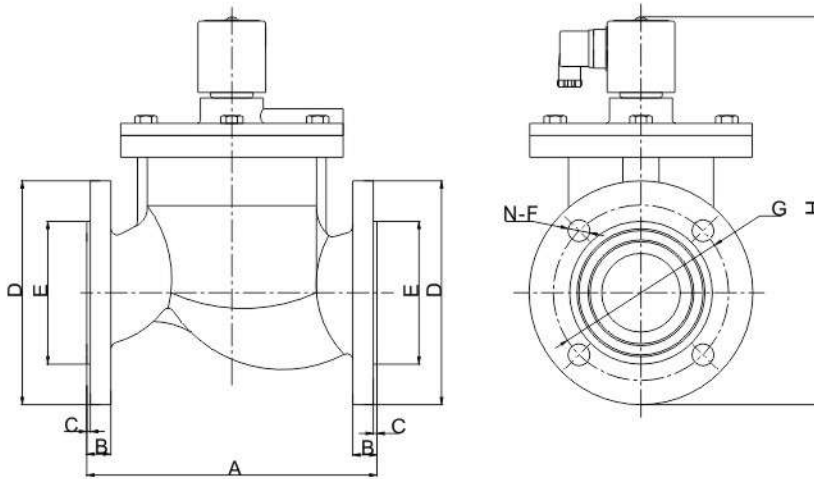
ZCZ(ZCZP) series 2/2-way solenoid valve · normally closed

Technical parameters

1	Operation pressure: $\leq \phi 65$: 0.5~16bar; $> \phi 65$: 1~16bar (ZCZP Series: 0.4~1.0MPa)
2	Fluid media: fluid, air, steam, and light oil < 20CST
3	Voltage: AC: 380V, 220V, 36V DC: 24V, 110V, 220V
4	Coil class: class H
5	Voltage tolerance -15% + 10%
6	Power consumption: $\phi 20 \sim \phi 50$ 24W; $\phi 65 \sim \phi 150$ 50W
7	Response time: $\phi 20 \sim \phi 50$ Open $\leq 2s$ Closed $\leq 3s$; $\phi 65 \sim \phi 150$ Open $\leq 3s$ Closed $\leq 5s$
8	Mounting position: flow as arrow, solenoid vertical and upright direction, pure fluids.



Construction, external dimension chart

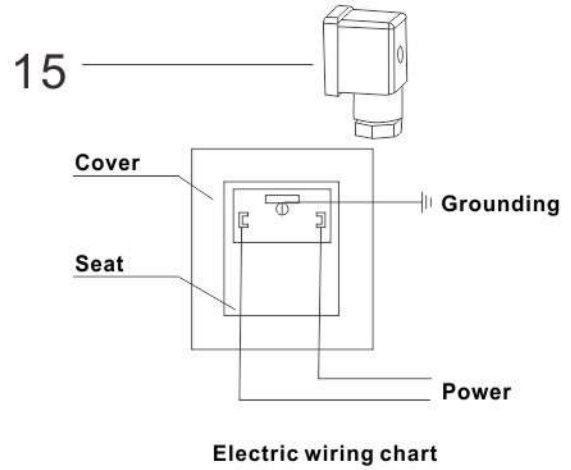
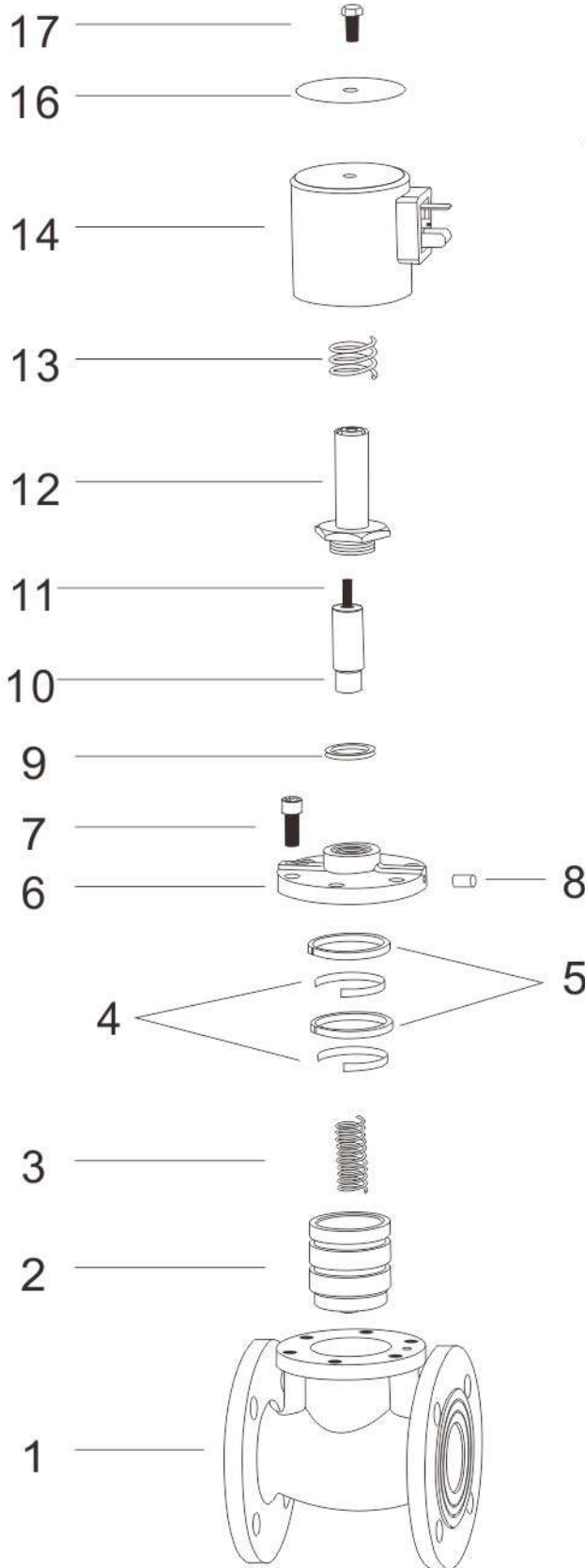


Parameters

Model code	A	B	C	ΦD	ΦE	ΦF	ΦG	H	N	Body material	Weight(KG)
ZCZ-20F	110	12	2	102	56	14	75	185	4	Brass body	2.8
ZCZ-25F	122	14	2	112	65	14	85	202	4		4.9
ZCZ-32F	140	16	2	140	78	18	100	240	4		5.5
ZCZ-40F	150	16	2	148	84	18	110	254	4		7.6
ZCZ-50F	160	17	2	165	102	18	125	265	4		9.1
ZCZ-65F	240	20	3	185	118	18	145	360	4	Cast Iron	—
ZCZ-80F	280	22	3	200	132	18	160	400	4		
ZCZ-100F	320	25	3	220	160	18	180	420	8		
ZCZ-150F	400	28	3	285	212	22	240	570	8		

Sanlixin Solenoid Valve

ZCZ series 2/2-way solenoid valve · normally closed



Code	Components
01	Valve body
02	Piston assembly
03	Piston spring
04	Elastic ring
05	Piston ring
06	Valve cover
07	Valves fixed screw
08	core plug
09	Plunger tube seals ring
10	Plunger assembly
11	Plunger spring
12	Plunger tube assemble
13	Coil
14	Coil spring
15	Plug
16	Namplate
17	Lock nut

SLF PTFE solenoid valve

Specification and Features

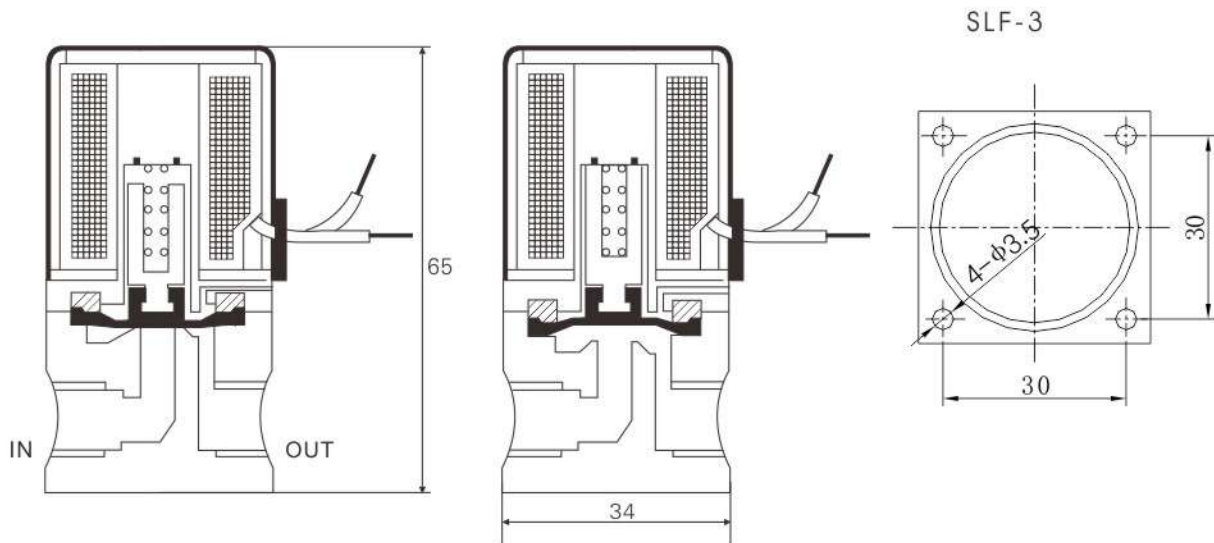
1. 2 way solenoid valve
2. Body Material: PTFE
3. Media: strong acid, strong base (alkali)
4. Mounting: flow as the arrow, Life is best for growth level installation
5. No leakage



Parameters

Code	SLF-3	SLF-5	SLF-8	SLF-10	SLF-15	SLF-20	SLF-25
Orifice (mm)	3	5.4	8	10	16	21	27.5
Connection	M8×1	G1/4"	G3/8"		G1/2"	G3/4"	G1"
Working Pressure	0~0.2MPa	0~0.4MPa			0.01~0.6MPa		
PIN	1.0MPa						
Medium	strong acid, strong base (gas、liquid)						
Media Temperature	MAX.+180℃						
Ambient Temperature	0~60℃						
Power	AC220V	6	17	17	17	17	17
	DC24V	7	17	17	17	17	17
Weight KG	0.24	0.45	0.79	0.79	1.12	1.34	1.73

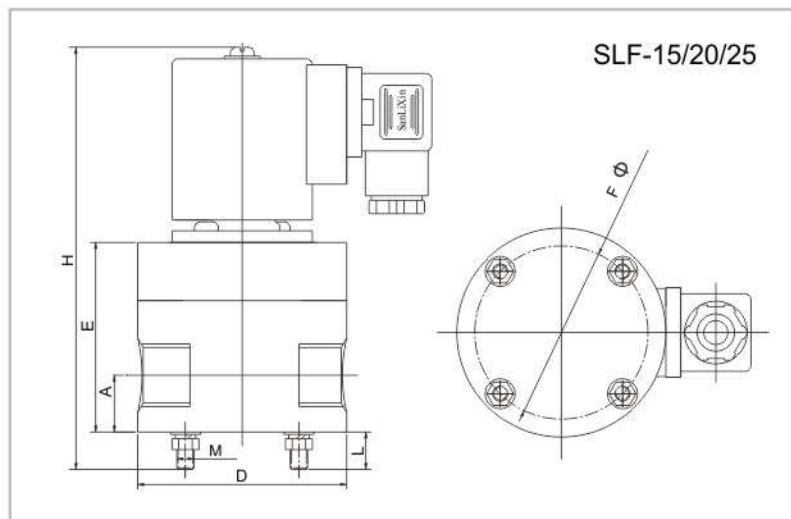
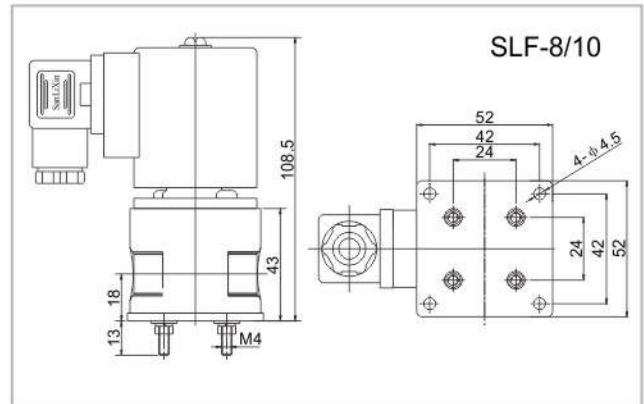
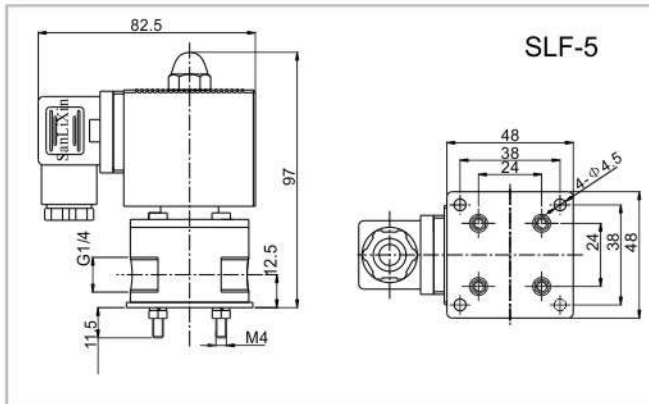
Construction, external



Sanlixin Solenoid Valve

SLF PTFE solenoid valve

Construction, external



Code	Size						
	D	H	E	A	M	L	F
SLF-15	Φ70	129	63.5	19	M5	12.5	Φ58
SLF-20	Φ80	137	71	20	M6	19	Φ67
SLF-25	Φ95	148	82	29	M6	19	Φ75



SLUF UPVC solenoid valve

Specification:

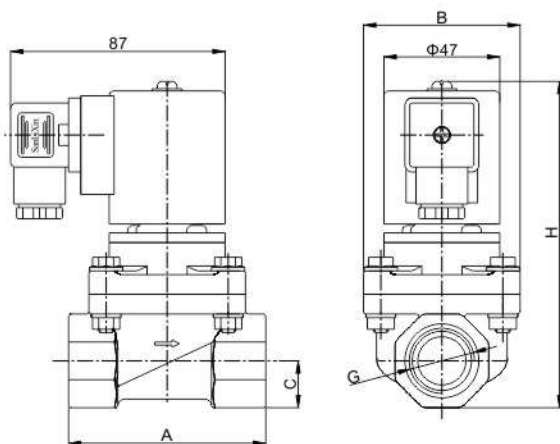
- 1.Body Material :UPVC
- 2.Seal material: AFLAS
- 3.Isolation structure design, keep the medium separate with the valve body and seals
- 4.Piston constructure, longer lifetime
- 5.Soft seal design, no leakage



Parameters

Code	SLUF-15	SLUF-20	SLUF-25	
Orifice (mm)	16	19.5	24	
Connection	G1/2"	G3/4"	G 1"	
Working Pressure	0.01~0.6MPa			
PIN	1.0MPa			
Body Material	UPVC			
Seal material	AFLAS			
Medium	Weak acid and alkali (Air、liquid)			
Media Temperature	MAX. +80℃			
Ambient Temperature	0~60℃			
Power	AC220V	17	17	17
	DC24V	17	17	17
Weight KG	0.80	0.82	0.85	

Construction external



Code	Construction external				
	G	A	B	C	H
SLUF-15	G 1/2"	75	63.5	16	127
SLUF-20	G 3/4"	80	63.5	19	133
SLUF-25	G 1"	100	74	24	143

Sanlixin Solenoid Valve

SLDF 2/2-way series underwater solenoid valve

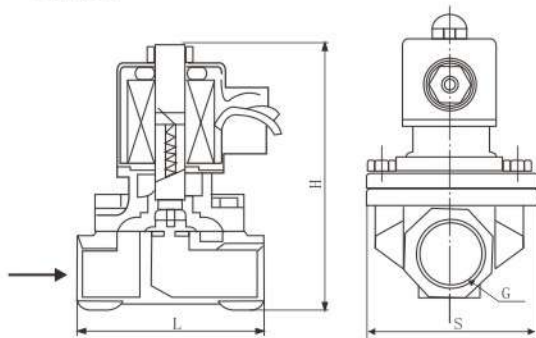
Description

SLDF series solenoid valve provides on-off control of fluid media on auto-control system. This series is designed for music fountain and dancing fountain.

SLDF series is direct acting solenoid valve which utilize pressure differential to open the valve. They feature diaphragm construction, and together with rapid on-off, stabile capability, easy use, and long-life. This valve has strong dirty-tight, can be used long time in river lake sea and kinds of made water areas.



Construction Dimensions Chart



Technical Parameter

1	Ambient Temp.	-10°C~50°C
2	Operating Pressure	≤ φ 50 0~0.6MPa > φ 65 0.06MPa~0.5MPa External type: 0.1~2.5MPa
3	Fluid Media	Water
4	Fluids Temp.	0°C~60°C
5	Body Material	Brass, Stainless Steel, Plastic, Iron
5	Voltage	φ 25 above 65 AC 220V 28VA, DC24V 33W
		φ 32/40/50 AC 220V 35VA, DC24V 40W
6	Coil Class	B Class Degree of protection IP68
7	Voltage Tolerance	-10%~+10%
8	Life-span	200000 Times
9	Response Times	0.2 Sec
10	Amounting Position	Flow as the arrow

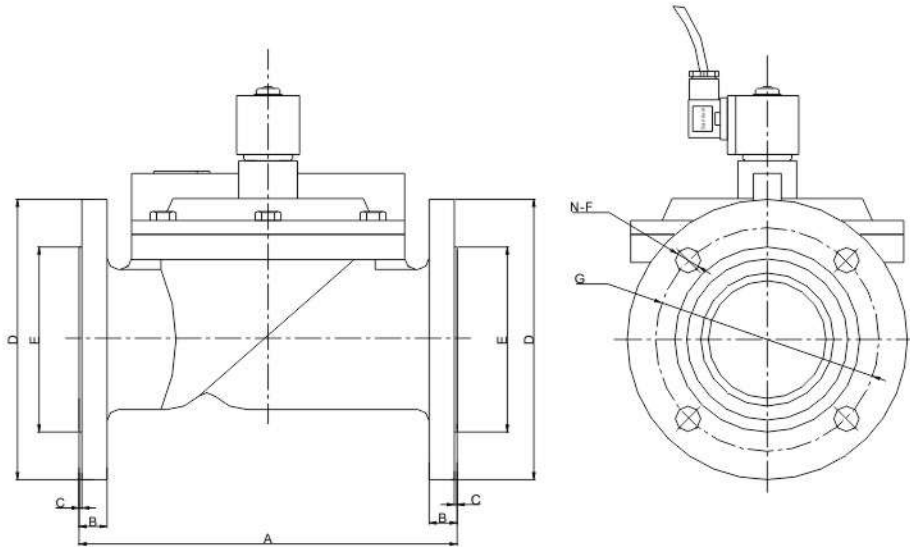
Specifications

Model code	L (mm)	H(mm)	Pipe Size	Body material	Weight(KG)
SLDF-15	69	117	G1/2"	Brass	1.0
SLDF-20	73	123.5	G3/4"		1.1
SLDF-25	99	134.5	G1"		1.6
SLDF-35	112	172	G1/4"		2.1
SLDF-40	123	172	G1/2"		2.5
SLDF-50	168	209	G2"		4.2
SLDF-15B	69	117	G1/2"	Stainless Steel	0.9
SLDF-20B	73	123.5	G3/4"		1.0
SLDF-25B	99	134.5	G1"		1.5
SLDF-35B	112	172	G1/4"		2.0
SLDF-40B	123	172	G1/2"		2.4
SLDF-50B	168	209	G2"		4.1
SLDF-15S	69	117	G1/2"	Plastic	0.55
SLDF-20S	73	123.5	G3/4"		0.57
SLDF-25S	99	134.5	G1"		0.67



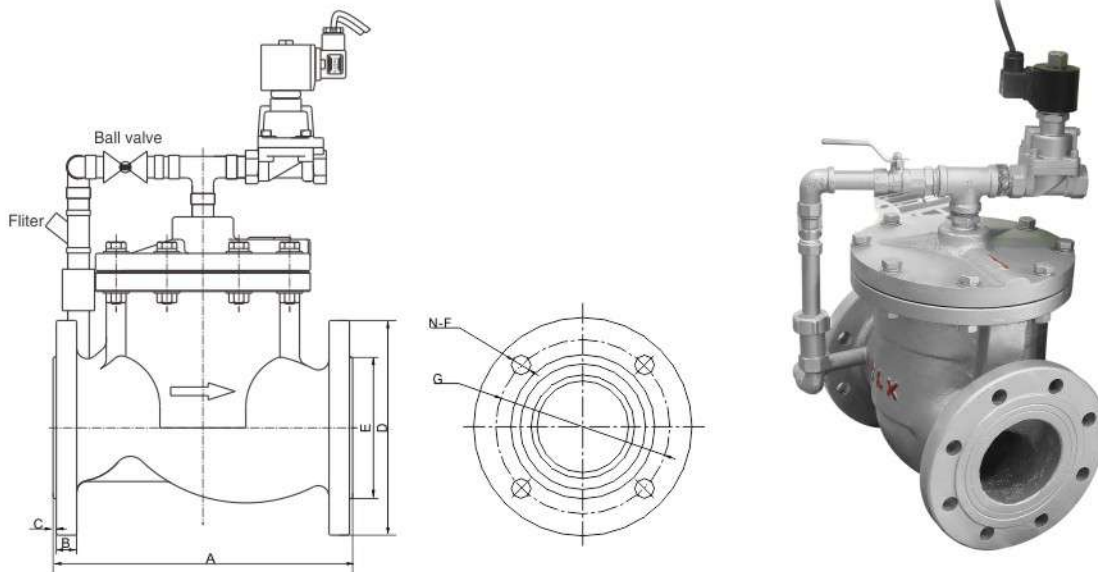
SLDF 2/2-way series underwater solenoid valve

Flange structure size



Model code	A	B	C	D	E	F	G	N	Body Material
SLDF-65F	250	20	2	185	118	18	145	4	Cast Iron
SLDF-80F	270	20	2	200	132	18	160	4	
SLDF-100F	350	20	3	220	160	18	180	8	
SLDF-150F	450	24	3	285	212	22	240	8	

Flange structure size



Model code	A	B	C	D	E	F	G	N	Body Material
SLDF-65FW	240	20	3	185	118	18	145	4	Cast Iron
SLDF-80FW	280	22	3	200	132	18	160	4	
SLDF-100FW	320	25	3	220	160	18	180	8	
SLDF-150FW	400	28	3	285	212	22	240	8	

Sanlixin Solenoid Valve

ZCM zero pressure differential gas solenoid valve

Using

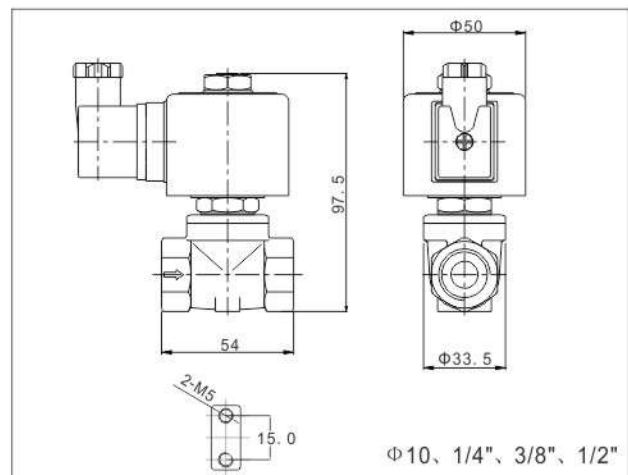
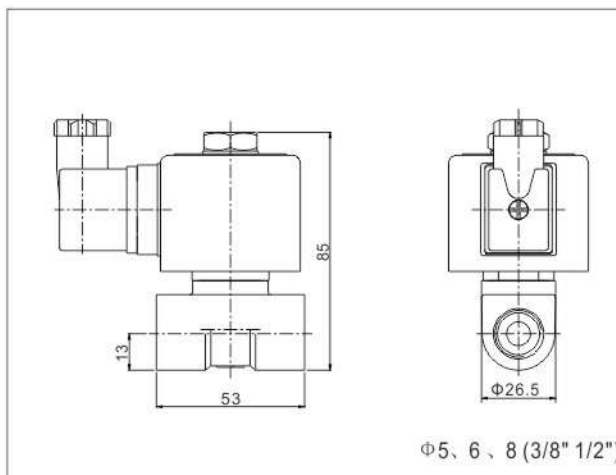
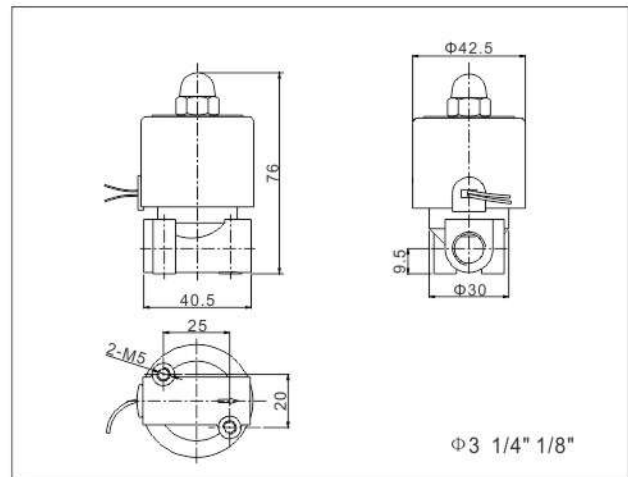
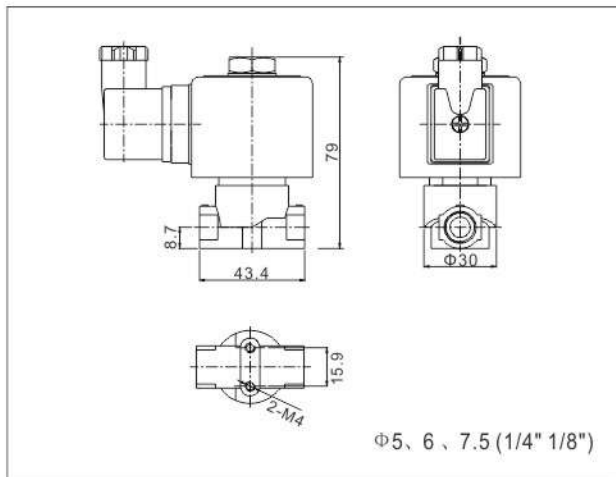
This series valve provide on-off control coal gas, natural gas, and other combustion fluid media, they also can control other low pressure fluids

Characteristics

- 1 Special construction, low pressure
- 2 They are capable of operating at zero pressure differential, and have large flow.
- 3 Use high quality seals, no leaking.
- 4 Best position is solenoid vertical and upright direction, Flow as the arrow.
- Explosion- proof coil and be fitted (for orifice under 25MM only)
- Explosion-proof certification NO.:XK06-014-01861
Refer to standard: GB3836. 1-2010、 GB3836. 9-2006
- Ex-proof 3C certificate number: 2020312307000034



External Dimensions Chart



ZCM zero pressure differential gas solenoid valve

Parameters

Orifice (mm)	3	5	6	8	10	15	20	25	32	40	50	65	80	100										
CV Factor	0.3	0.6	0.7	1.0	1.7	4.6	7.6	12	20	28	46	75	90	160										
Max. kgf/cm ²	5	3	2.5	0.5	0.3	2.5			2.5			2.5												
Fluid Media	Coal Gas\Natural Gas\Other Normally Gas and Fluids etc																							
Seals	NBR / VITON																							
Fluid Temp	- 5 ~ + 6 0°C																							
Voltage	AC : 220 V				110 V				36 V				24 V				DC : 24 V				12 V			
Power Consumption	25 W								50 W															

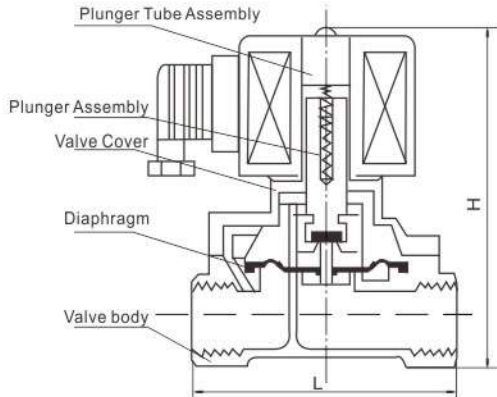
SLP Series Coils Characteristics List (Small size direct acting Normally Closed)

Model	Orifice mm	Pipe size	L(mm)	H(mm)	Body Material	Brass Weight (KG)	SS Weight (KG)	
ZCM-3	3	1/8"	40	83	Brass Stainless Steel	0.48	0.48	
ZCM-3	3	1/4"	40	83		Brass Stainless Steel	0.62	0.62
ZCM-5	5	1/8"	43.4	80.5				
ZCM-5	5	1/4"	43.4	80.5				
ZCM-5	5	3/8"	53	87				
ZCM-5	5	1/2"	53	87				
ZCM-6	6	3/8"	53	87				
ZCM-6	6	1/2"	53	87				
ZCM-8	7.5(8)	3/8"	53	87				
ZCM-8	7.5(8)	1/2"	53	87				
ZCM-10	10	3/8"	54	97.5			0.62	—
ZCM-10	10	1/2"	54	97.5				
ZCM-15	15	1/2"	69	117			0.9	0.8
ZCM-20	20	3/4"	73	123			1.0	1.1
ZCM-25	25	1"	99	135			1.54	1.5
ZCM-32	32	1 1/4"	112	175			2.23	2.3
ZCM-40	40	1 1/2"	123	175			2.7	2.9
ZCM-50	50	2"	168	209			4.4	4.7

Sanlixin Solenoid Valve

ZCM zero pressure differential gas solenoid valve

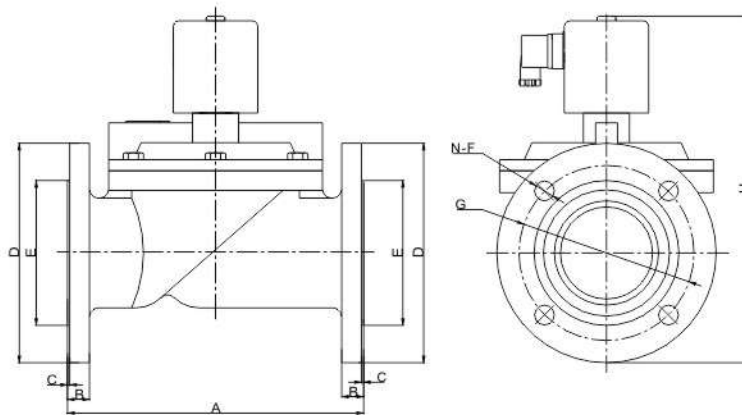
Construction&External Dimension Chart(large size)



"E" : If you want the EX-PROOF coil please tell us



Construction&External Dimension Chart(large size:flange)



Parameters

Model	A	B	C	ΦD	ΦE	ΦF	ΦG	H	N	Body	Weight(KG)
ZCM-40F	155	15	2	150	88	18	110	210	4	Cast Iron	—
ZCM-50F	200	16	2	160	88	18	125	240	4		
ZCM-65F	250	20	3	185	118	18	145	290	4		
ZCM-80F	270	18	2	200	132	18	160	310	4		
ZCM-100F	350	20	2	220	160	18	180	350	8		
ZCM-65BF	250	19	3	185	118	18	145	208	4	SS304	15.2
ZCM-80BF	270	19	3	202	134	18	160	320	4		18
ZCM-100BF	342	21	3	222	162	18	180	345	8		23.5

SLPM 2/2-way latching solenoid valve

Characteristics

- This series valve is famous for sensitive reaction and high pressure.
- Usually be used to circuit control board connection, it's good for energy saving.
- Widely used to IC card gas combustion meter, water saving irrigation, water meter and various automatism sanitation.
- The core of the valve can be pulled and stretched to be the good shape, with good strictness, credibility, sensitive reaction and long life-spen.
- Voltage: DC6V/DC12V/DC24V
- Seals: NBR, VITON, EPDM
- Valve body: Brss ss304
- Pulse:Wid+h: 50~80ms



Using Condition

Fluid Media: Water, Gas(but not corrosive)
 Fluids Temp.: ≤60°C, Pls use at the area which relative Temp. can not over then 85%

Olenoid Valves Model Numbering System for Order

	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLPM	1	D	F	12	N	1	D	15	
		1= Normally Closed	D=DIN Standard Connections, Fully Encapsulated	F= F class	12= DC12V 13= DC24V 18= DC6V	N= NBR V= VITON E= EPDM	1= Brass 3= SS316	A=1/8" B=1/4" C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K= 2"	02=2.0 C3=2.5 03=3.0 C4=3.5 10=10.0 13=13.0 20=20.0 25=25.0 35=35.0 40=40.0 50=50.0	L=Neon Lamp N=NPT Thread

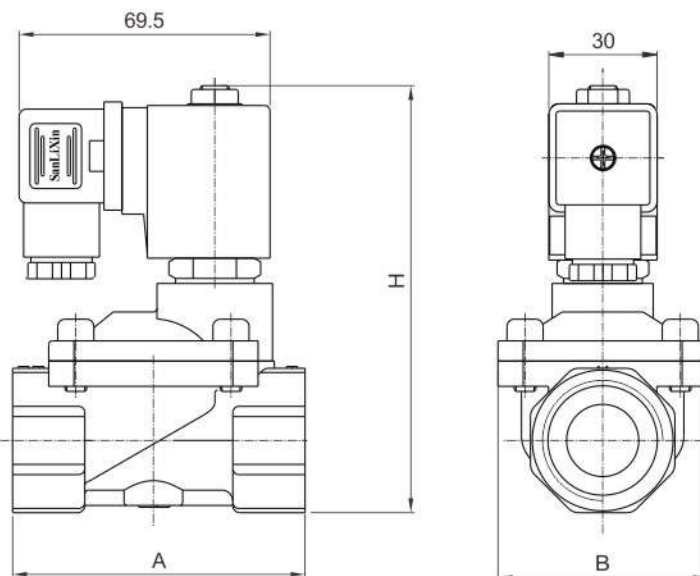
Sanlixin Solenoid Valve

SLPM 2/2-way latching pulse solenoid valve

Valve Selection List

Pipe size	orifice mm	CV rate	Pressure (Kgf/cm ²)			Max Fluids Temp °C	Coil Type	Coil Class	Resistance Ω	External Dimensions A × B × H	Model code Voltage DC12V	Weight (KG)
			Min	Max								
				air	Water							
1/8"	2	0.14	0	10	10	80	D	F	12.5	73×29×83	SLPM1DF12N1A02	0.37
	2.5	0.23	0	9	9	80	D	F	12.5	73×29×83	SLPM1DF12N1AC3	
	3	0.3	0	8	8	80	D	F	12.5	73×29×83	SLPM1DF12N1A03	
	3.5	0.4	0	6	6	80	D	F	12.5	73×29×83	SLPM1DF12N1AC4	
1/4"	2	0.14	0	10	10	80	D	F	12.5	73×29×83	SLPM1DF12N1B02	0.36
	2.5	0.23	0	9	9	80	D	F	12.5	73×29×83	SLPM1DF12N1BC3	
	3	0.3	0	8	8	80	D	F	12.5	73×29×83	SLPM1DF12N1B03	
	3.5	0.4	0	6	6	80	D	F	12.5	73×29×83	SLPM1DF12N1BC4	
3/8"	3	0.3	0	8	8	80	D	F	12.5	73×29×83	SLPM1DF12N1C03	0.46
	3.5	0.4	0	6	6	80	D	F	12.5	73×29×83	SLPM1DF12N1CC4	
	10	4.5	0.5	16	16	80	D	F	12.5	66×48×112	SLPM1DF12N1C10	0.8
1/2"	13	4.5	0.5	16	16	80	D	F	12.5	66×48×112	SLPM1DF12N1D13	0.7
3/4"	20	7.6	0.5	16	16	80	D	F	12.5	75×58×118	SLPM1DF12N1E20	0.9
1"	25	12	0.5	16	16	80	D	F	12.5	96×70×131	SLPM1DF12N1G25	1.4
1 1/4"	35	22	0.5	16	16	80	D	F	12.5	131×96×146	SLPM1DF12N1H35	2.8
1 1/2"	40	30	0.5	16	16	80	D	F	12.5	131×96×146	SLPM1DF12N1J40	2.7
2"	50	48	0.5	16	16	80	D	F	12.5	165×120×167	SLPM1DF12N1K50	4.0

External Dimensions



SLW 2/2-way direct acting small type solenoid valve · normally closed

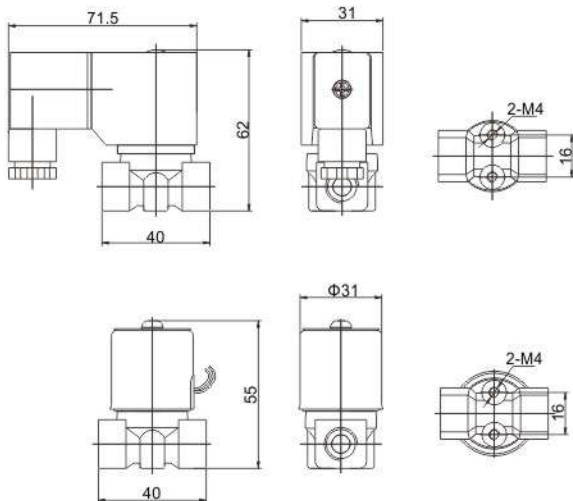
- SLW series normally closed
- Closed when de-energized open , open when energized
- Body material: Brass、Stainless steel、Plastic
- Response time: 10-20ms
- Seals: NBR or VITON or EPDM
- Media: pure water, air
- Max working pressure: 30 bar
- Fluid temp: 0-100 ℃ Ambient temp: -10~+40℃
- Voltage : AC220V 110V 24V 50/60HZ DC24V DC12V
- Flow as the arrow, mounts in any position;
best position is solenoid vertical and upright direction.



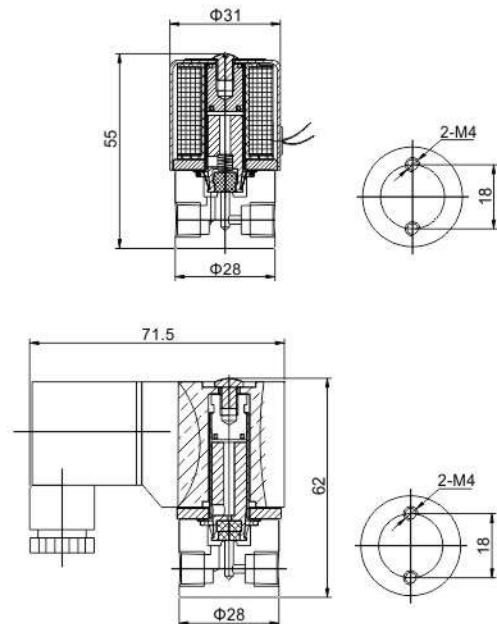
Solenoid Valves Model Numbering System for Order

	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLW	1	W	B	02	N	9	A	02	N
		1= Normally closed	D=DIN Standard Connections, Fully Encapsulated W: metallic housing Lead wires	F: F Class B: B Class	02=220VAC 01=110VAC 05=24VAC 13=DC24V 12=DC12V	N=NBR E=EPDM V=VITON	9= brass 5=S.S. 1= Froged brass 7= Plastic	A=1/8" M=M5 A=1/8" B=1/4" A=1/8" B=1/4"	C1=1.2 C2=1.5 02=2.0 C3=2.5 03=3.0 C3=2.5	N=NPT Connection

External Dimensions



Body 1



Body 9, 5

Sanlixin Solenoid Valve

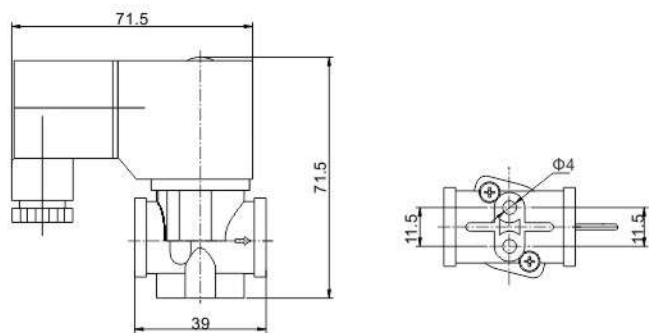
SLW 2/2-way direct acting small type solenoid valve · normally closed

Valve Selection List

Pipe size	Orifice mm	CV rate	Pressure (kgf/cm ²)		Max Fluids Temp °C	Coil Type	Power		Coil class	Model Code Follows Voltage are 220V AC Seal material:NBR		Weight (KG)	
			Min	max			VA AC 220V	W DC 24V		Brass	Stainless steel		
													air
1/8"	1.2	0.05	0	30	80	W	9	6.5	B	SLW1WB02N9AC1	SLW1WB02N5AC1	0.21	
			0	30	80	D	9	6.5	F	SLW1DF02N9AC1	SLW1DF02N5AC1	0.26	
	1.5	0.08	0	21	80	W	9	6.5	B	SLW1WB02N9AC1	SLW1WB02N5AC1	0.21	
			0	21	80	D	9	6.5	F	SLW1DF02N9AC2	SLW1DF02N5AC2	0.26	
	2.0	0.14	0	16	80	W	9	6.5	B	SLW1WB02N9A02	SLW1WB02N5A02	0.21	
			0	16	80	D	9	6.5	F	SLW1DF02N9A02	SLW1DF02N5A02	0.26	
	2.5	0.23	0	8	80	W	9	6.5	B	SLW1WB02N9AC3	SLW1WB02N5AC3	0.21	
			0	8	80	D	9	6.5	F	SLW1DF02N9AC3	SLW1DF02N5AC3	0.26	
	3.0	0.3	0	6	80	W	9	6.5	B	SLW1WB02N9A03	SLW1WB02N5A03	0.21	
			0	6	80	D	9	6.5	F	SLW1DF02N9A03	SLW1DF02N5A03	0.26	
	M5	1.2	0.05	0	30	80	W	9	6.5	B	SLW1WB02N9MC1	SLW1WB02N5MC1	0.22
				0	30	80	D	9	6.5	F	SLW1DF02N9MC1	SLW1DF02N5MC1	0.27
1.5		0.08	0	21	80	W	9	6.5	B	SLW1WB02N9MC2	SLW1WB02N5MC2	0.22	
			0	21	80	D	9	6.5	F	SLW1DF02N9MC2	SLW1DF02N5MC2	0.27	
2.0		0.08	0	16	80	W	9	6.5	B	SLW1WB02N9M02	SLW1WB02N5M02	0.22	
			0	16	80	D	9	6.5	F	SLW1DF02N9M02	SLW1DF02N5M02	0.27	



External Dimensions



Class 7 plastic body

Valve Selection List

Pipe size	Orifice mm	CV rate	Pressure (PSI)		Max Fluids Temp °C	Coil Type	Power		Coil class	Model Code Follows Voltage are 220V AC	Weight (KG)
			Min	max			VA AC 220V	W DC 24V			
1/8"	2.5	0.21	0	120	100	D	9	6.5	F	SLW1DF13E7AC3N	0.17
1/4"	2.5	0.31	0	120	100	D	9	6.5	F	SLW1DF13E7BC3N	0.17

SLW 2/2-way direct acting small type solenoid valve · normally closed

- SLW series 2/2-way solenoid valve, closed when de-energized, open when energized.
- Serialized products, small size, large flow rate.
- Body material: Brass / Plastic
- Open & closed response time: 6~20ms
- Seal material: NBR(standard) EPDM(100°C)
- Media: clean water, air
- Media temp.: 0~80°C Ambient temp.: -10°C~+40°C
- Voltage: AC220V 110V 24V 50/60HZ DC24V 12V
- Voltage tolerance: -10%~+10%

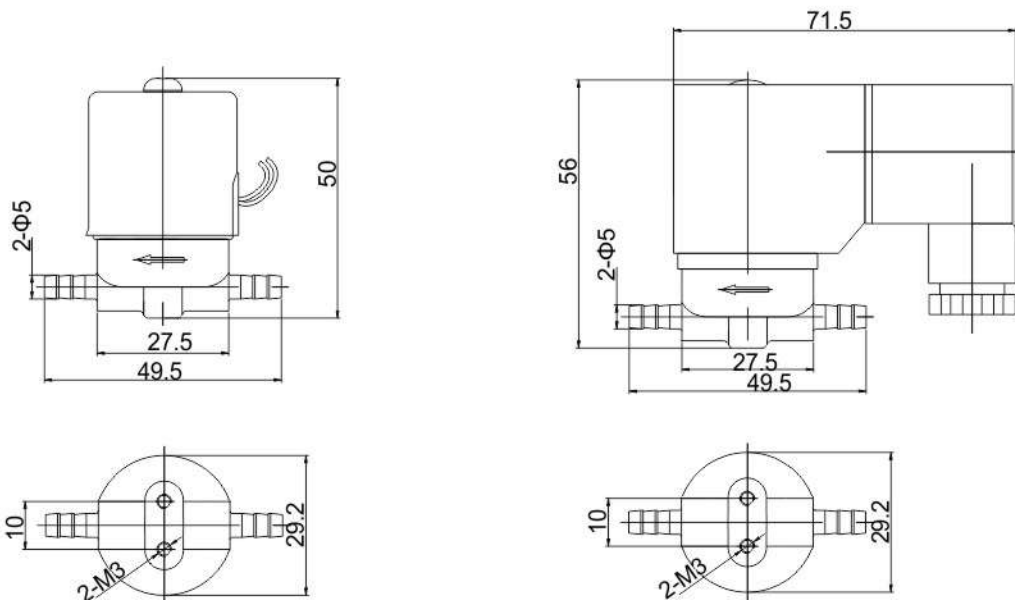


0.16kg

Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice mm
E.G.	SLW	1	W	B	02	N	1	Y	02
		1= Normally Closed	W=Metallic Housing Lead Wires D=DIN Standard Connections, Fully Encapsulated	B: B Class F: F Class	02=220VAC 01=110VAC 05=AC24V 13=DC24V 12=DC12V	N=NBR E=EPDM V=VITON	1=Brass 7=Plastic	tube plug-type see picture	C2=1.5 02=2.0 C3=2.5 03=3.0

External Dimensions Chart

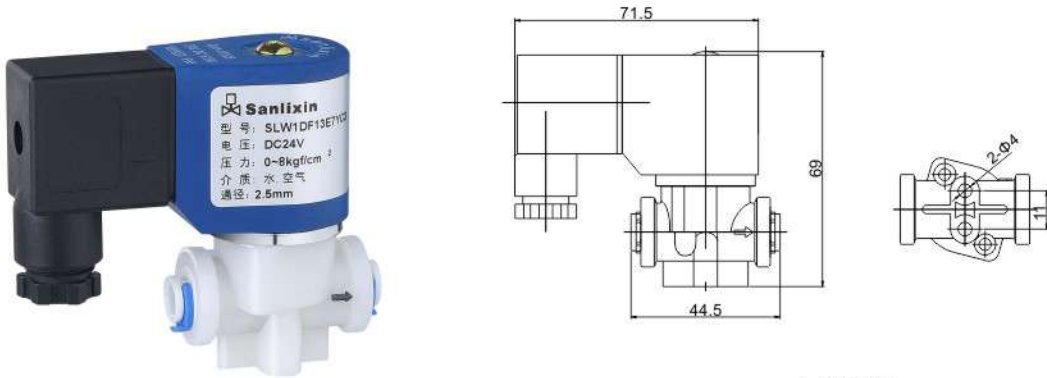


1 Beass

Sanlixin Solenoid Valve

SLW 2/2-way direct acting small type solenoid valve · normally closed

External Dimensions Chart



7 Plastic

Valve Selection List

Orifice mm	CV rate	Pressure (kgf/cm ²)		Max Fluids Temp °C	Coil Type	Power		Coil class	Model Code Follows Voltage are 24V DC	Weight (KG)
		Min	Max			VA	W			
						AC 220V	DC 24V			
1.5	0.07	0	17	80	W	9	6.5	B	SLW1WB13E1YC2	0.16
	0.07	0	17	80	D	9	6.5	F	SLW1DF13E1YC2	0.21
2.0	0.14	0	13	80	W	9	6.5	B	SLW1WB13E1Y02	0.16
	0.14	0	13	80	D	9	6.5	F	SLW1DF13E1Y02	0.21
2.5	0.21	0	8	80	W	9	6.5	B	SLW1WB13E1YC3	0.16
	0.21	0	8	80	D	9	6.5	F	SLW1DF13E1YC3	0.21
	0.21	0	8	100	D	9	6.5	F	SLW1DF13E7YC3	0.17
3.0	0.23	0	6	80	W	9	6.5	B	SLW1WB13E1Y03	0.16
	0.23	0	6	80	D	9	6.5	F	SLW1DF13E1Y03	0.21

SLPW 2/2-way low power solenoid valve • normally closed

Closed when de-energized.
Lower power consumption, low temperature rising.

Body material: brass, ss316
Seals: NBR, VITON
Fluid media: only for air or inert gas.
Operating pressure:0-9bar
Media temperature:0~+65°C
Ambient temperate:0~+60°C

Ed100% , F class.
Important: if the current leakage of system is more than 7ma, the Solenoid valve will not operate properly.
Eg: 24vdc, 18awg multi-core wire
Rated voltage24vdc, longest wiring length: 6 meters, max loop resistance 88 Ω
Rated voltage24vdc, longest wiring length: 4.5 meters, max loop resistance 64 Ω
Rated voltage24vdc, longest wiring length: 2.8 meters, max loop resistance 41 Ω
Rated voltage24vdc, longest wiring length: 1.1 meters, max loop resistance 17 Ω

Standard voltage: 24vdc 12vdc
Voltage tolerance:-10%~+10%
Power consumption 1.4w
Standard coil: lead wires (n)
Mounting: mounts in any position; best position is solenoid vertical
And upright direction.



Normally Closed



Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material Body Material	Pipe Size	Orifice	Options
E.G.	SLPW	1	N	F	13	N1	E	20	
	Valve Series	1= Normally Closed	N= Lead wires Low power Encapsolated	F= F class Coil	12=DC12V 13=DC24V	N= NBR E=EPDM V=VITON 1= Forged Brass	A= 1/8" B= 1/4" C= 3/8" D=1/2" E= 3/4" G= 1"	02=2.0 13=13.0 20=20.0 25=25.0	N=NPT Thread

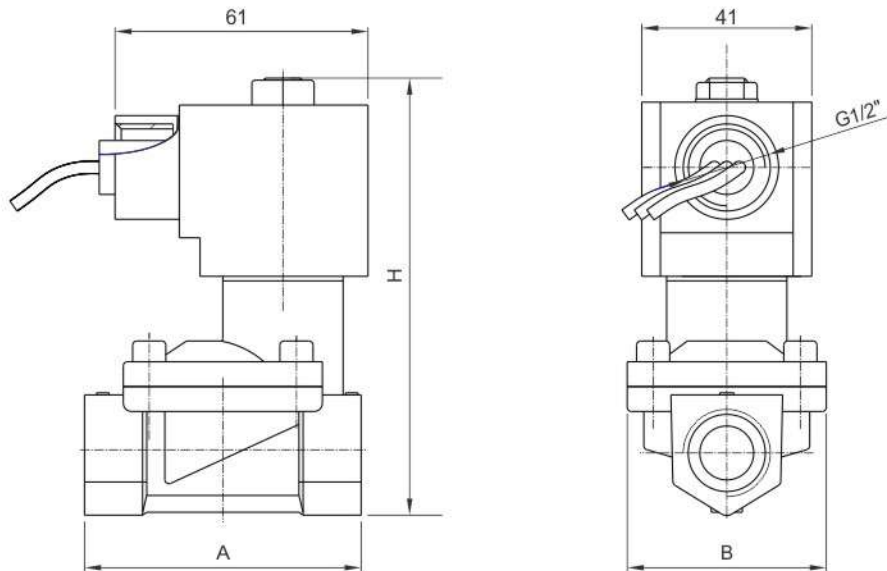
Sanlixin Solenoid Valve

SLPW 2/2-way low power solenoid valve • normally closed

Valve selection list

Connection	Orifice (mm)	CV Factor	Operating Pressure kgf/cm ²		Low Temp °C	External Dimension			Model Code DC24V	Weight (KG)
			Min	Max		L	W	H	Brass	
				Air Inert Gas						
1/8"	2.0	0.14	0	9	65	40	29	83	SLPW1NF13N1A02	0.37
1/4"	2.0	0.14	0	9	65	40	29	83	SLPW1NF13N1B02	0.37
3/8"	13	4.5	0.5	9	65	68	48	108	SLPW1NF13N1C13	0.7
1/2"	13	4.5	0.5	9	65	68	48	108	SLPW1NF13N1D13	0.7
3/4"	20	7.6	0.5	9	65	75	58	112	SLPW1NF13N1E20	0.9
1"	20	7.6	0.5	9	65	81	58	120	SLPW1NF13N1G20	1.1
	25	12	0.5	9	65	96	70	125	SLPW1NF13N1G25	1.4

External Dimension



SLB 2/2-way high (low) temperature solenoid valve · normally closed

- SLB series solenoid valve it is serialized products, large flow rate, good applicability. widely used in steam, oil and the other high & low temperature liquid control.
- Adopted high temperature resistance seal material-PTFE (which material import), when the media passage the properties is good.
- Coils type: high temperature resistance coil meanwhile has the heat conduction protection.
- Ensure the long life time and high reliability.



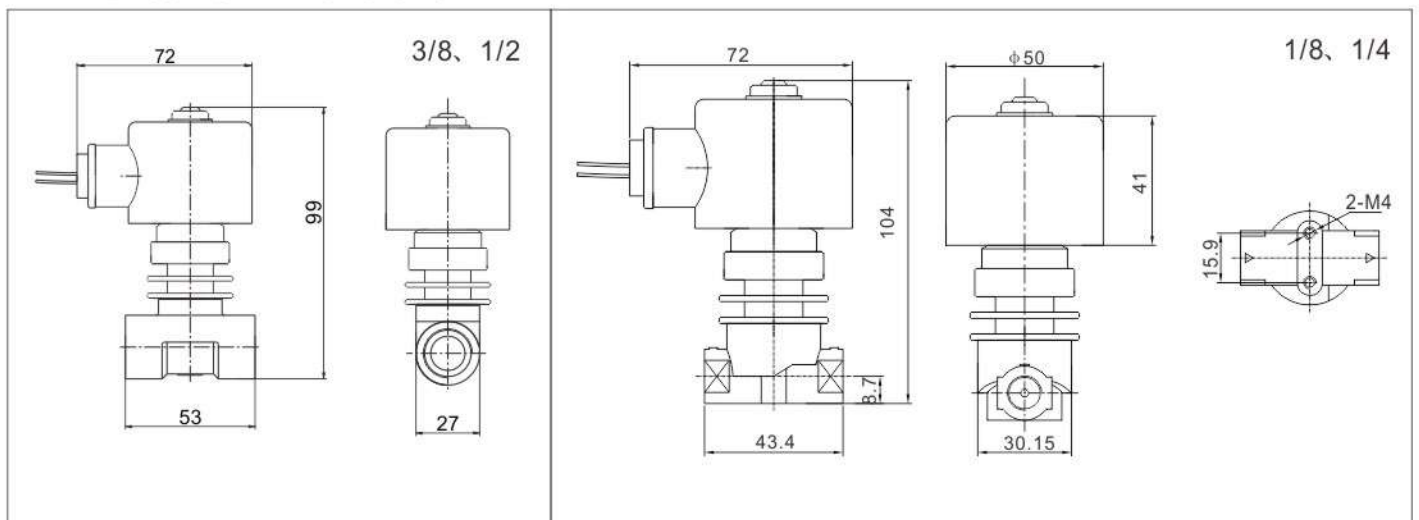
Main Technical Parameters

1. 2/2-way solenoid valve, closed when de-energized, open when energized.
2. Main material: body: forged brass component: stainless steel
3. Seal material: teflon
4. Ambient temp.: -20~65°C
5. Operating pressure: 0~50.0kgf/cm²
6. Media temp.: low temp.: -100°C~-10°C high temp.: 99°C~200°C
7. Media: high temperature: steam, heat conducting oil and so on
low temperature: n₂, O₂, CO₂
attention: under the nature temperature, such as air, water and the other media, please choose the other economy & suitable solenoid valve.
8. Voltage: ac24v/110v/240v/230v 50/60hz dc12v/24v
power consumption: ac27va (16w) dc24w
voltage tolerance: -10%~+10%
coils type: w (normal) a=din standard, metallic housing
safty series: class h heat resistance coil, ip 65
9. Install: flow as the arrow, solenoid vertical and upright direction. if media has the granule impurity, please install more than 60 mesh filter.

Normally Closed



External Dimensions



Sanlixin Solenoid Valve

SLB 2/2-way high (low) temperature solenoid valve · normally closed

Valve Slection List

Connection	Orifice (mm)	CV Factor	Operating Pressure kgf/cm ²			Fluid temp		Coil Type	Model Code	N.W. (Kg)
			Min	Max		Low Temp °C	Steam °C		AC220V	
				Low Temp	Steam				TEFLON+Forged Brass	
1/8"	1.5	0.08	0	50	30	-100~ -10	99~200	W	SLB1WH02T1AC2	0.6
1/8"	2.0	0.14	0	30	20	-100~ -10	99~200	W	SLB1WH02T1A02	0.6
1/8"	2.5	0.23	0	17	17	-100~ -10	99~200	W	SLB1WH02T1AC3	0.6
1/8"	3.0	0.3	0	13	13	-100~ -10	99~200	W	SLB1WH02T1A03	0.6
1/8"	4.0	0.6	0	7	7	-100~ -10	99~200	W	SLB1WH02T1A04	0.6
1/4"	1.5	0.08	0	50	30	-100~ -10	99~200	W	SLB1WH02T1BC2	0.6
1/4"	2.0	0.14	0	30	20	-100~ -10	99~200	W	SLB1WH02T1B02	0.6
1/4"	2.5	0.23	0	17	17	-100~ -10	99~200	W	SLB1WH02T1BC3	0.6
1/4"	3.0	0.3	0	13	13	-100~ -10	99~200	W	SLB1WH02T1B03	0.6
3/8"	4.0	0.6	0	7	7	-100~ -10	99~200	W	SLB1WH02T1C04	0.7
3/8"	5.0	0.65	0	5	5	-100~ -10	99~200	W	SLB1WH02T1C05	0.7
3/8"	6.0	0.8	0	4	4	-100~ -10	99~200	W	SLB1WH02T1C06	0.7
1/2"	5.0	0.65	0	5	5	-100~ -10	99~200	W	SLB1WH02T1D05	0.7
1/2"	6.0	0.8	0	4	4	-100~ -10	99~200	W	SLB1WH02T1D06	0.7

Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Coil Type	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
E.G.	SLB	1	W H	02	T	1	B	02	
		1= Normally Closed 2= Normally Open	W=Metallic Housing Lead Wires H CLASS A=DIN Standard Connections H CLASS	02=AC220V 01=AC110V 08=AC380V 12=DC12V 13=DC24V	T= Teflon	1= Forged Brass 4=SS304	A=1/8" B=1/4" C=3/8" D=1/2"	C2=1.5 02=2.0 C3=2.5 03=3.0 04=4.0 05=5.0 C2=1.5 02=2.0 C3=2.5 03=3.0 04=4.0 05=5.0 05=5.0 06=6.0 05=5.0 06=6.0	N=NPT Thread

SLB 2/2-way high (low) temperature solenoid valve · normally closed

- SLB Series solenoid valve it is serialized products, large flow rate, good applicability. Widely used in steam, oil and the other high & low temperature liquid control.
- Adopted high temperature resistance seal material-PTFE (which material is import), when the media passage the properties is good.
- Coils type: high temperature resistance coil meanwhile has the heat conduction protection.
- Ensure the long life time and high reliability.
- Main Technical Parameters



Main Technical Parameters

1. 2/2-Way solenoid valve, Closed when de-energized, open when energized.
2. main material: body: forged brass component: stainless steel
3. Seal Material: TEFLON
4. Ambient Temp.: -20~65°C
5. Pressure: 1.0~15.0kgf/cm² (Low temp) 1~10kgf/cm² (Steam)
6. Media Temp.: low Temp.: -100°C~-10°C High temp.: 99°C~185°C
7. Media: high temperature: steam, heat conducting oil and so on
Low temperature: N₂, O₂, CO₂
Attention: Under the nature temperature, such as air, water and the other media, please choose the other economy & suitable solenoid valve.
8. Voltage: AC24V/110V/240V/230V 50/60HZ DC12V/24V
Power Consumption: AC27VA (16W) DC24W
Voltage Tolerance: -10%~+10%
Coils type: W (Normal)=Lead Wires A=DIN Standard, Metallic Housing
Safety Series: Class H Heat resistance coil, IP 65
9. Install: Flow as the arrow, solenoid vertical and upright direction. If media has the granule impurity, please install more than 60 mesh filter.

Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Normally Closed	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
E.G.	SLB	1	WH	02	T	1	E	20	
		1= Normally Closed 2= Normally Open	W=Metallic Housing Lead Wires H CLASS A=DIN Standard Connections H CLASS	02=AC220V 01=AC110V 08=AC380V 12=DC12V 13=DC24V	T= Teflon	1=Forged Brass 4=SS304	C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" F=Flange	10=10.0 13=13.0 10=10.0 13=13.0 20=20.0 25=25.0 32=32.0 40=40.0 25=DN25 32=DN32 40=DN40	N= NPT Thread

Sanlixin Solenoid Valve

SLB 2/2-way high (low) temperature solenoid valve · normally closed

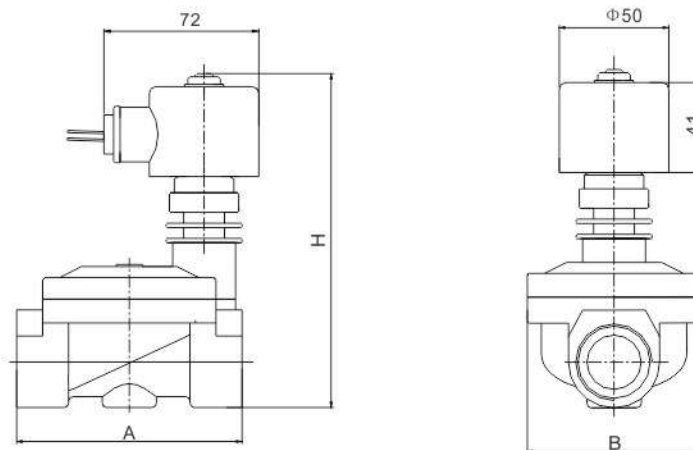
valve selection list

Pipe Size	Orifice (mm)	CV Factor	Operating Pressure kgf/cm ²			Fluid temp °C		Coil Type	External Size mm			Model Code AC220V	Weight (KG)
			Min	Max		Low Temp	Steam		A	B	C		
				Low Temp	Steam								
3/8"	13	4.2	1	15	10	-80~-10	99~185	W	75	52	136	SLB1WH02T1C13	1.1
1/2"	13	4.2	1	15	10	-80~-10	99~185	W	75	52	136	SLB1WH02T1D13	1.1
3/4"	20	7.3	1	15	10	-80~-10	99~185	W	80	58	141	SLB1WH02T1E20	1.2
1"	25	11.5	1	15	10	-80~-10	99~185	W	104	80	152	SLB1WH02T1G25	1.7
1 1/4"	32	22.0	1	15	10	-80~-10	99~185	W	130	92	173	SLB1WH02T1H32	3.1
1 1/2"	40	29.0	1	15	10	-80~-10	99~185	W	130	90	173	SLB1WH02T1J40	3.0

Normally Closed



External Dimensions

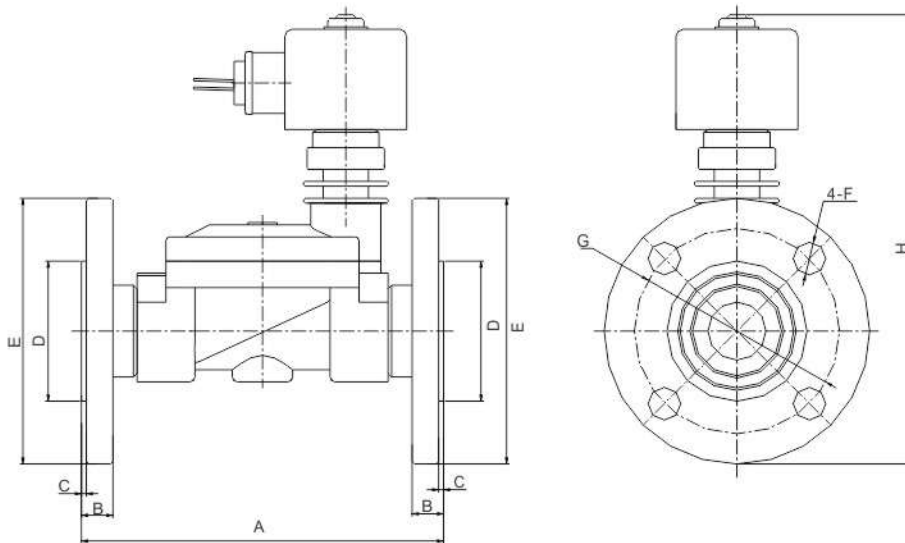


SLB 2/2-way high (low) temperature solenoid valve • normally closed

valve selection list (Flange Connection)

Orifice (mm)	CV Factor	Operating Pressure kgf/cm ²			Fluid temp °C		Coil Type	Model Code AC220V	Weight (KG)
		Min	Max		Low Temp	Steam			
			Low Temp	Steam					
25	11.5	1	15	10	-80~-10	99 ~ 185	W	SLB1WH02T1F25	1.6
32	22.0	1	15	10	-80~-10	99 ~ 185	W	SLB1WH02T1F32	2.9
40	29.0	1	15	10	-80~-10	99 ~ 185	W	SLB1WH02T1F40	2.9

External Dimensions (Flange)



Model	A	B	C	φD	φE	φF	φG	H
SLB-25F	150	13	2	58	110	14	85	176
SLB-32F	180	15	2	76	135	18	100	220
SLB-40F	180	15	2	84	145	18	110	225

Sanlixin Solenoid Valve

SLBW 2/2-way cryogenic solenoid valve • normally closed

- 2/2-Way normally closed cryogenic solenoid valve, Closed when de-energized, Open when energized.
- Fluid temperature: -196°C ~ 110°C
- Ambient temperature: -20°C~65°C
- Voltage: AC220V DC24V
- Body material: SS316
- Seal material: PTFE
- Orifice: 2.0-6.0mm
- Pipe size: 1/8" ~ 1/2"
- Working pressure: 0 ~ 80Bar
- Fluid: cryogenic liquid oxygen, liquid carbon dioxide, liquid nitrogen and other low temperature non-corrosive liquid.
- Flow as the arrow. Best position is solenoid vertical and upright direction.



Normally Closed

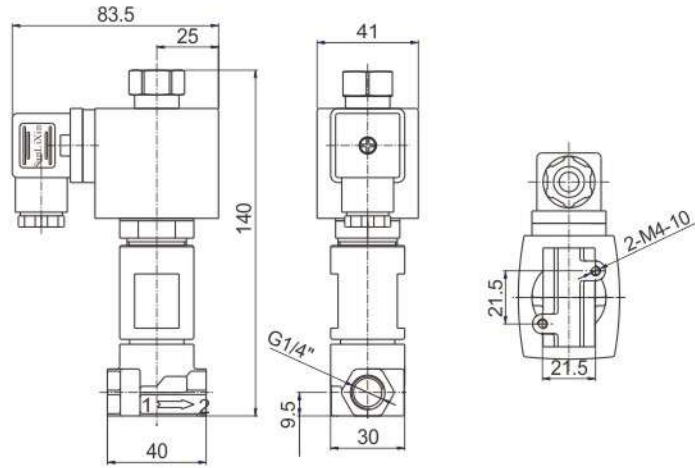


Solenoid Valve Numbering System for Order

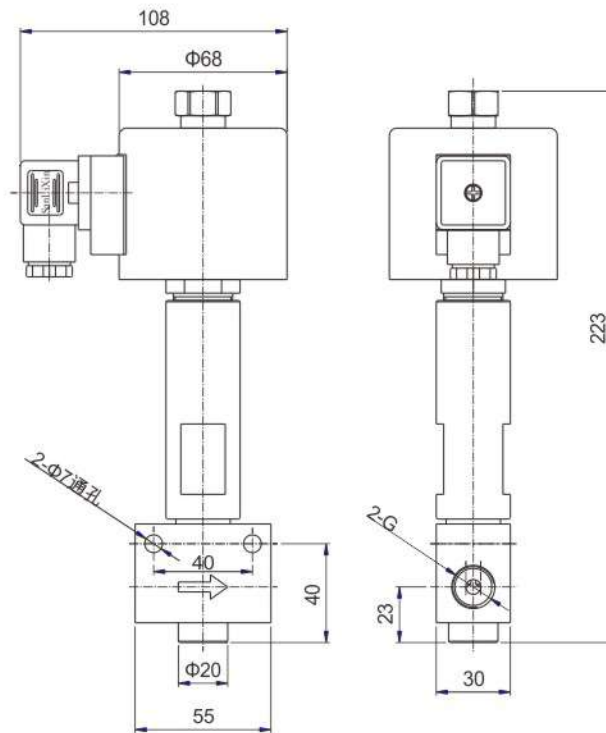
	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
E.G.	SLBW	1	D	F	02	T	3	D	03	<input type="checkbox"/>
	SLBW	1= Normally Closed	D= DIN Standard Connections, Fully Encapsulated A=DIN Standard Connections H CLASS	F= F Class	02= AC220V AC230V 13= DC24V	T=PTFE	3= SS316 5=SS316	B=1/4" C=3/8" D=1/2" A=1/8" B=1/4"	02=2.0 03=2.5 03=3.0 04=4.0 05=5.0 06=6.0 02=2.0 C3=2.5 03=3.0 04=4.0 05=5.0 06=6.0	N=NPT Thread

SLBW 2/2-way cryogenic solenoid valve • normally closed

External Dimensions



Body: 5 Stainless steel body



Class 3 Stainless steel body

Sanlixin Solenoid Valve

SLBW 2/2-Way Cryogenic Solenoid Valve • Normally Closed

valve selection list

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Power consumption		Min. Temp. °C	Max. Temp. °C	Model Code Follows Voltage are 220VAC	Weight (KG)
			Min.	Max.						VA						
				Liquid oxygen Liquid nitrogen		Water Hot water Liquid		Light oil ≤ 20CST		AC 220V	DC 24V					
				AC	DC	AC	DC	AC	DC							
1/8"	2.0	0.14	0	40	35	40	35	35	25	18	17	-196	110	SLBW1DF02T5A02	0.7	
	2.5	0.23	0	30	25	30	25	25	20	18	17	-196	110	SLBW1DF02T5AC3	0.7	
	3.0	0.30	0	25	20	25	20	20	16	18	17	-196	110	SLBW1DF02T5A03	0.7	
	4.0	0.60	0	10	8	10	8	10	8	18	17	-196	110	SLBW1DF02T5A04	0.7	
	5.0	0.65	0	5	3	5	3	4	2.5	18	17	-196	110	SLBW1DF02T5A05	0.7	
	6.0	0.80	0	3	2	3	2	2	2	18	17	-196	110	SLBW1DF02T5A06	0.7	
1/4"	2.0	0.14	0	40	35	40	35	35	25	18	17	-196	110	SLBW1DF02T5B02	0.7	
	2.0	0.14	0	80	60	80	60	70	50	50	40	-196	110	SLBW1DF02T3B02	2.2	
	2.0	0.14	0	80	60	80	60	70	50	45	50	-196	110	SLBW1AF02T3B02	2.0	
	2.5	0.23	0	30	25	30	25	25	20	18	17	-196	110	SLBW1DF02T5BC3	0.7	
	2.5	0.23	0	70	55	70	55	60	45	50	40	-196	110	SLBW1DF02T3BC3	2.2	
	2.5	0.23	0	70	55	70	55	60	45	45	50	-196	110	SLBW1AF02T3BC3	2.0	
	3.0	0.30	0	25	20	25	20	20	16	18	17	-196	110	SLBW1DF02T5B03	0.7	
	3.0	0.30	0	60	50	60	50	50	40	50	40	-196	110	SLBW1DF02T3B03	2.2	
	3.0	0.30	0	60	50	60	50	50	40	45	50	-196	110	SLBW1AF02T3B03	2.0	
	4.0	0.60	0	10	8	10	8	10	8	18	17	-196	110	SLBW1DF02T5B04	0.7	
	4.0	0.60	0	24	20	24	20	20	16	50	40	-196	110	SLBW1DF02T3B04	2.2	
	4.0	0.60	0	24	20	24	20	20	16	45	50	-196	110	SLBW1AF02T3B04	2.0	
	5.0	0.65	0	5	3	5	3	4	2.5	18	17	-196	110	SLBW1DF02T5B05	0.7	
	5.0	0.65	0	12	8	12	8	10	6	50	40	-196	110	SLBW1DF02T3B05	2.2	
	5.0	0.65	0	12	8	12	8	10	6	45	50	-196	110	SLBW1AF02T3B05	2.0	
	6.0	0.80	0	3	2	3	2	2	2	18	17	-196	110	SLBW1DF02T5B06	0.7	
	6.0	0.80	0	6	4	6	4	4	3	50	40	-196	110	SLBW1DF02T3B06	2.2	
	6.0	0.80	0	6	4	6	4	4	3	45	50	-196	110	SLBW1AF02T3B06	2.0	
3/8"	2.0	0.3	0	80	60	80	60	70	50	50	40	-196	110	SLBW1DF02T3C02	2.1	
	2.0	0.3	0	80	60	80	60	70	50	45	50	-196	110	SLBW1AF02T3C02	1.9	
	2.5	0.3	0	70	55	70	55	60	45	50	40	-196	110	SLBW1DF02T3CC3	2.1	
	2.5	0.3	0	70	55	70	55	60	45	45	50	-196	110	SLBW1AF02T3CC3	1.9	
	3.0	0.3	0	60	50	60	50	50	40	50	40	-196	110	SLBW1DF02T3C03	2.1	
	3.0	0.3	0	60	50	60	50	50	40	45	50	-196	110	SLBW1AF02T3C03	1.9	
	4.0	0.3	0	24	20	24	20	20	16	50	40	-196	110	SLBW1DF02T3C04	2.1	
	4.0	0.3	0	24	20	24	20	20	16	45	50	-196	110	SLBW1AF02T3C04	1.9	
	5.0	0.3	0	12	8	12	8	10	6	50	40	-196	110	SLBW1DF02T3C05	2.1	
	5.0	0.3	0	12	8	12	8	10	6	45	50	-196	110	SLBW1AF02T3C05	1.9	
	6.0	0.3	0	6	4	6	4	4	3	50	40	-196	110	SLBW1DF02T3C06	2.1	
	6.0	0.3	0	6	4	6	4	4	3	45	50	-196	110	SLBW1AF02T3C06	1.9	
1/2"	2.0	0.3	0	80	60	80	60	70	50	50	40	-196	110	SLBW1DF02T3D02	2.0	
	2.0	0.3	0	80	60	80	60	70	50	45	50	-196	110	SLBW1AF02T3D02	1.8	
	2.5	0.3	0	70	55	70	55	60	45	50	40	-196	110	SLBW1DF02T3DC3	2.0	
	2.5	0.3	0	70	55	70	55	60	45	45	50	-196	110	SLBW1AF02T3DC3	1.8	
	3.0	0.3	0	60	50	60	50	50	40	50	40	-196	110	SLBW1DF02T3D03	2.0	
	3.0	0.3	0	60	50	60	50	50	40	45	50	-196	110	SLBW1AF02T3D03	1.8	
	4.0	0.3	0	24	20	24	20	20	16	50	40	-196	110	SLBW1DF02T3D04	2.0	
	4.0	0.3	0	24	20	24	20	20	16	45	50	-196	110	SLBW1AF02T3D04	1.8	
	5.0	0.3	0	12	8	12	8	10	6	50	40	-196	110	SLBW1DF02T3D05	2.0	
	5.0	0.3	0	12	8	12	8	10	6	45	50	-196	110	SLBW1AF02T3D05	1.8	
	6.0	0.3	0	6	4	6	4	4	3	50	40	-196	110	SLBW1DF02T3D06	2.0	
	6.0	0.3	0	6	4	6	4	4	3	45	50	-196	110	SLBW1AF02T3D06	1.8	

SAV direct acting gas solenoid valve

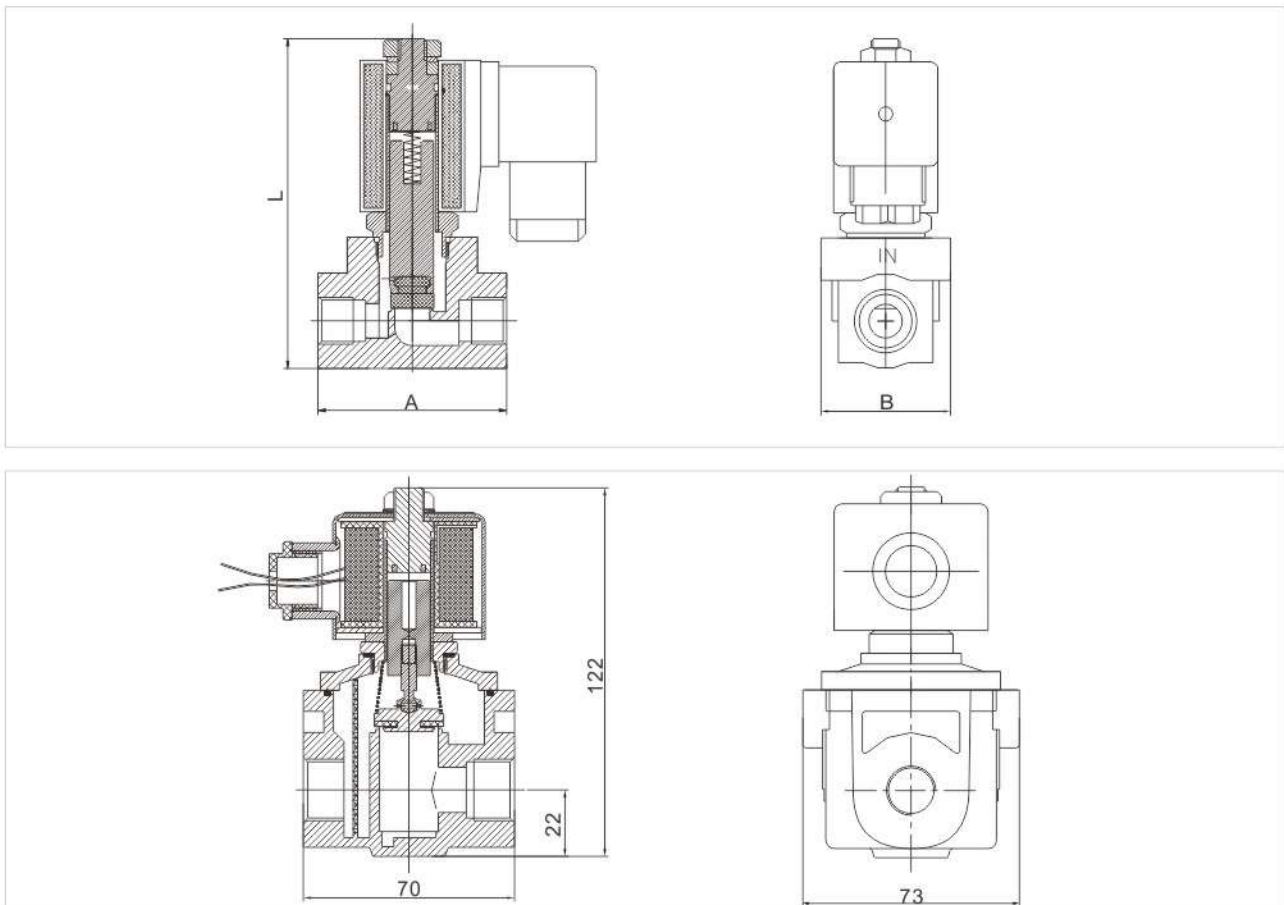
SAV series gas solenoid valve used in the Burner, Hear Equipment, Industrial Furnace and so on of the gas or air media. So as to achieve the procedure control or long-distance control of systems and equipment.

Main Technical Parameters

1. Direct acting zero differential pressure, large flow rate
2. 2-way normally closed solenoid valve, closed when de-energized, open when energized.
3. Open and closed time: <1 second
4. Material: main valve body material: die-casting aluminium, Others: Stainless steel/ Brass
5. Seal material: Viton
6. Media: coal gas, nature gas, air and the other normal non-etchant gas
7. Media temp.: <65°C ambient temp.: 0~50°C
8. Voltage: DC12v DC24V AC220V/50HZ class: H ed100%
Voltage tolerance: -10%~+10%
9. It can used explosion-proof coil, ex class: Ex mb IIC T4 Gb
10. Install: flow as the arrow, solenoid vertical and upright direction
11. Parts of coil can fix SM Coil. AC 220V/AC110V/AC24V/DC24V



External Dimensions



Sanlixin Solenoid Valve

SAV direct acting gas solenoid valve

valve selection list

Connection	Orifice (mm)	CV Factor	Operating Pressure(mbar)		Power Consumption		Coil Type	external size mm			Model Code AC220V	N.W. (KG)
			Min	Max	AC	DC		A	B	H		
					V A	W						
1/4"	9	1.2	0	600	22	13	D	51	35	91	SAV1DF02V8B09	0.3
3/8"	9	1.4	0	600	22	13	D	51	35	91	SAV1DF02V8C09	0.3
1/2"	9	1.4	0	600	22	13	D	51	35	91	SAV1DF02V8D09	0.3
	19	7.5	0	360	33	20	A	70	73	122	SAV1AF02V8D19	0.7
3/4"	19	7.5	0	360	33	20	A	70	73	122	SAV1AF02V8E20	0.7
1"	25	13	0	360	41	34	A	90	75	127	SAV1AF02V8G25	1.5
1 1/4"	45	31	0	500	41	34	A	137	122	208	SAV1AF02V8H45	3.0
1 1/2"	45	31	0	500	41	34	A	137	122	208	SAV1AF02V8J45	3.0
2"	45	31	0	500	41	34	A	137	122	208	SAV1AF02V8K45	3.0

Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material & Body Material	Pipe Size	Orifice	Options
E.G.	SAV	1	A	H	02	V8	E	20	<input type="checkbox"/>
	Special for Gas Solenoid Valve Main body material :Anodized Aluminium	1= Normally Closed 2= Normally Open	W=Metallic Housing Lead Wires A=DIN Standard Connections, Ironclad Coils D=DIN Standard Connections, Fully Encapsulated X=Explosion-proof	F= F class H= H class	02=AC220V 01=AC110V 08=AC380V 12=DC12V 13=DC24V	Seal Material: VITON Body Material: Aluminium	B=1/4" C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2"	06=6.0 09=9.0 06=6.0 09=9.0 09=9.0 19=19.0 20=20.0 25=25.0 45=45.0	N= NPT Thread

SCF fuel gas emergency cut off solenoid valve

Product Characteristics

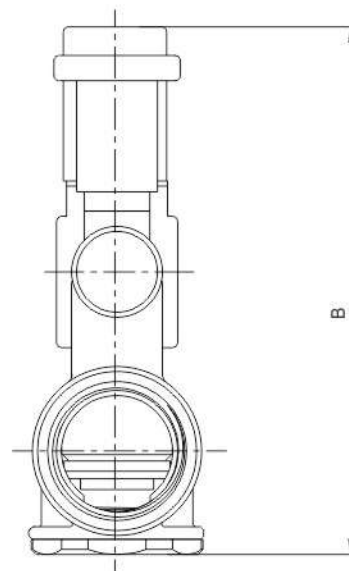
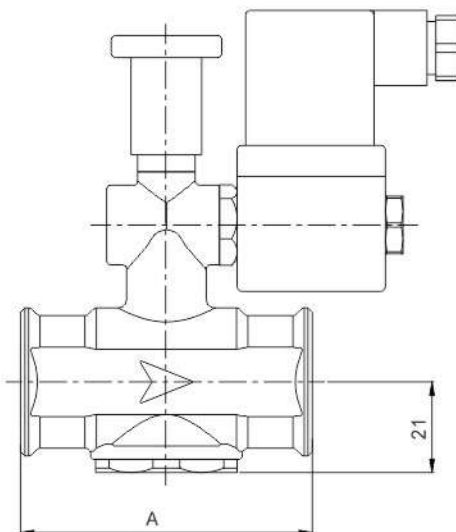
- 1: SCF series is the normally open valve.
- 2: The valve in daily work is normally open. coils be de-energized
- 3: When the accident happens, coils has energized. through the internal spring instructions reaction. the valve quickly closed. if this time to cut off the power the valve still closed. After deal with the accident please press the black button so that the valve open and working.



Main Parameters

- 1: 2/2-way solenoid valve
- 2: Body: Forged brass
- 3: Seals: VITON (NBR)
- 4: Media: Gas, nature gas, lpg, etc
- 5: Ambient temp: -15°C ~ +60°C
- 6: Voltage: DC12V, DC24V, AC220V/50HZ
- 7: On/off: < 1S
- 8: Max. pressure: 500mbar
- 9: Wounting: flow as arrow

External Dmension



Sanlixin Solenoid Valve

SCF fuel gas emergency cut off solenoid valve

Valve selection list

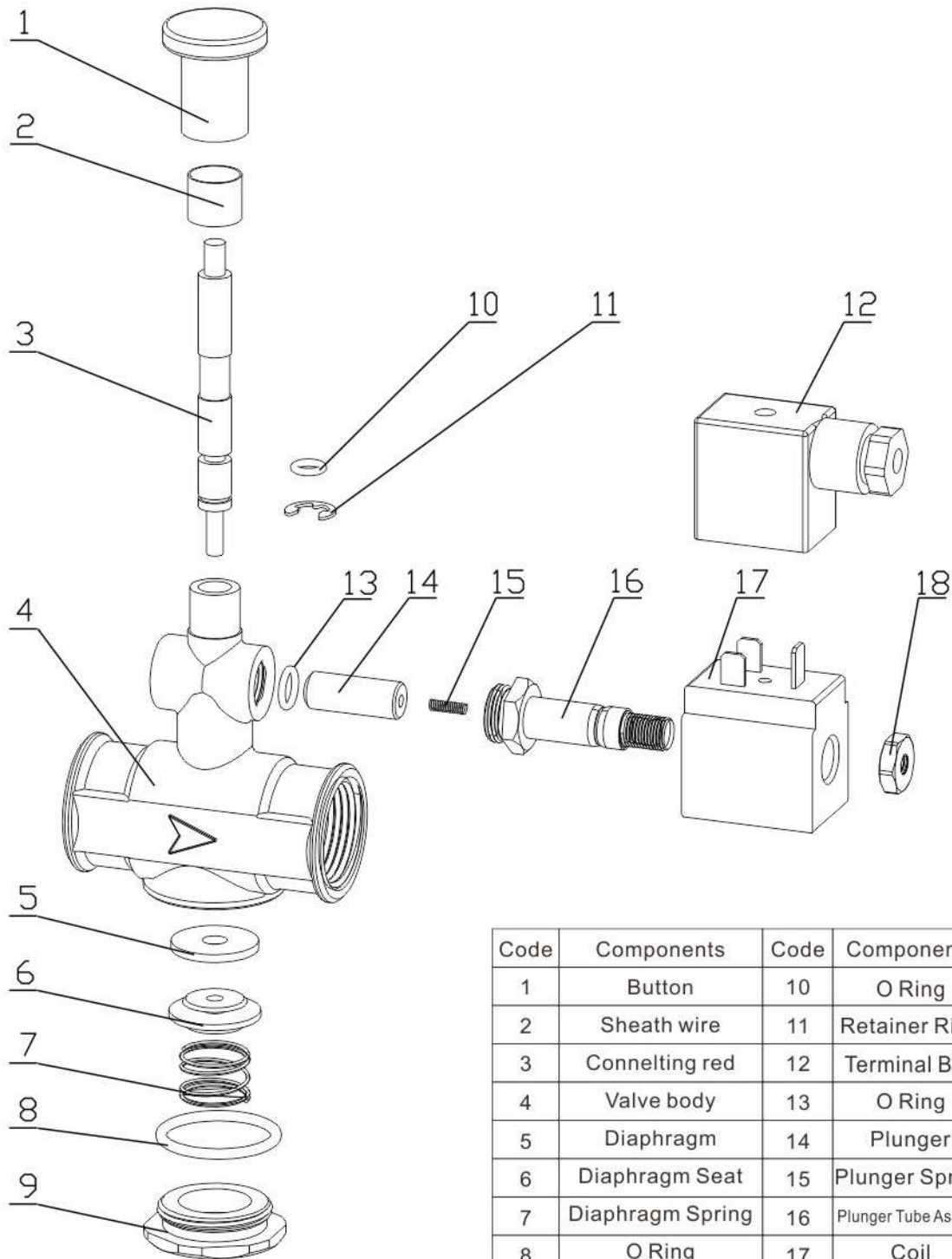
Pipe Size	Orifice ϕ mm	Factor CV	Working Pressure mbar		Power		Coils Type	Size mm		Model AC220V	Weight (KG)
					AC	DC		L (A)	W (B)		
			Min	Max	V A	W					
1/2"	15	5	0	500	8	7	D	66	107	SCF2DF02VID15M	0.55
3/4"	20	7.5	0	500	8	7	D	66	107	SCF2DF02VIE20M	0.48
1"	25	13	0	500	8	7	D	82	122	SCF2DF02VIG25M	0.78

Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material & Body Material	Pipe Size	Orifice	Options
E.G.	SCF	2	D	F	02	V/1	D	15	M
	Fuel Gas Emergency Cut Off Solenoid Valve	2= Normally Open	D=DIN Standard Connection Fully Encapsulated	F= F Class H= H Class	02=AC220V 01=AC110V 12=DC12V 13=DC24V	V=VITON 1=Forged Brass 6=Iron	D=1/2" E=3/4" G=1"	15=15.0 20=20.0 25=25.0	N=NPT Thread M= Manual override

SCF fuel gas emergency cut off solenoid valve

Components



Code	Components	Code	Components
1	Button	10	O Ring
2	Sheath wire	11	Retainer Ring
3	Connelting red	12	Terminal Box
4	Valve body	13	O Ring
5	Diaphragm	14	Plunger
6	Diaphragm Seat	15	Plunger Spring
7	Diaphragm Spring	16	Plunger Tube Assembly
8	O Ring	17	Coil
9	Bottoun End Cover	18	Nut

Sanlixin Solenoid Valve

SCF large diameter emergency cut off solenoild valve

Main Parameters

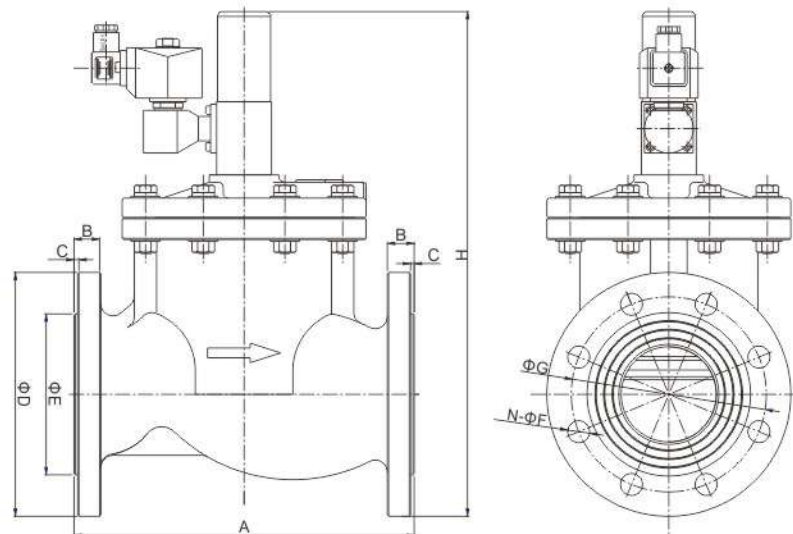
- 1: 2/2-way solenoid valve
- 2: Body: Iron
- 3: Seals: VITON (NBR)
- 4: Media: Gas, nature gas, lpg, etc
- 5: Ambient temp: -15°C ~ +60°C
- 6: Voltage: AC220V/50HZ, DC12V, DC24V,
- 7: On/off: <1S
- 8: Working pressure: 0-6bar
- 9: Wounting: flow as arrow.



Valve slection list(Flange)

Pipe Size	Orifice ϕ mm	Factor CV	Working Pressure (bar)		Power		Coils Type	Model AC220V
			Min	Max	AC	DC		
					V A	W		
65F	63	52	0	6	57	25	D	SCF2DF02V6F65M
80F	80	81	0	6	57	25	D	SCF2DF02V6F80M
100F	96	127	0	6	57	25	D	SCF2DF02V6F100M

External Dimensions Chart



Model	A	B	C	Φ D	Φ E	Φ F	Φ G	H	N	Weight (KG)
SCF-65F	240	20	3	185	118	18	145	392	4	23.7
SCF-80F	280	22	3	200	132	18	160	415	8	29.1
SCF-100F	320	25	3	220	160	18	180	447	8	44.8

SCFT series gas emergency shutoff valve

SCFT gas emergency shut-off valve is divided into normally closed type and normally open type. When the normally closed shut-off valve is in the open state of the solenoid valve, the coil needs to be energized at the same time. When the coil is powered off, the solenoid valve is closed; Normally open type: when the solenoid valve is opened, the coil does not need to be energized, and when it is closed, only the coil needs to be momentarily energized. Both normally closed and normally open shut-off valves require manual opening of the solenoid valve. Normally closed shut-off valve shall be powered on the coil first and then manually opened; Normally open type does not need to energize the coil, and can be opened manually.



Technical parameters

- 1、 Body material: Aluminum alloy
- 2、 Seal Material: VITON
- 3、 Applicable media: Gas, natural gas, liquefied petroleum gas, etc
- 4、 Ambient temp: -18-60°C
- 5、 Coil: SM coil, AC220V DC24V
- 6、 Maximum working pressure: 360mbar
- 7、 turn-off time: < 1s
- 8、 Diameter: φ 19mm
- 9、 Flow as the arrow. Best position is solenoid vertical and upright direction.

Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Mode of Operation	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
E.G.	SCFT	1	D	F	02	V	8	D	19	□
	SCFT	2= Normally Open	M=SM Coil D=DIN Standard Connection Fully Encapsulated	F= F Class	02=AC220V 01=AC110V 13=DC24V	V=VITON	8= Aluminum alloy	D=1/2" E=3/4"	19=19.0	N=NPT Thread

Sanlixin Solenoid Valve

SCFT series gas emergency shutoff valve

Valve selection list (Normally Closed)

Pipe Size	Orifice ϕ mm	Factor CV	Working Pressure mbar		Coils Type	Coil Class	Max Fluids Temp $^{\circ}$ C	Model AC220V	Weight (KG)
			Min	Max					
1/2"	19	7.5	0	360	M	F	120	SCFT1MF02V8D19	0.8
3/4"	19	7.5	0	360	M	F	120	SCFT1MF02V8E19	

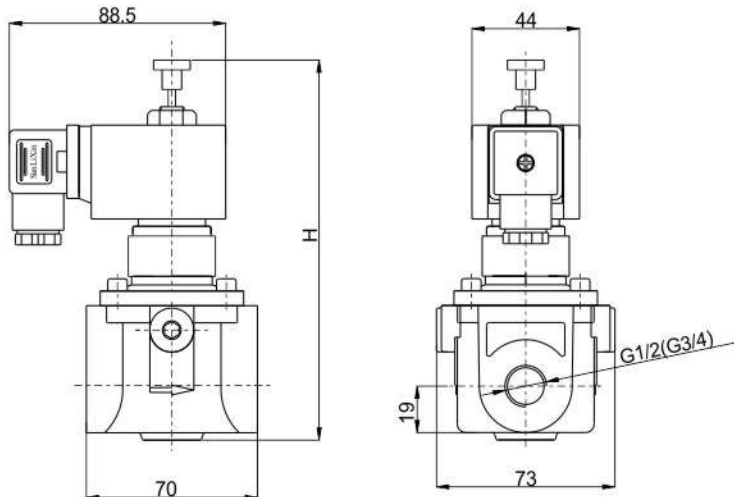
Valve selection list (Normally Open)

Pipe Size	Orifice ϕ mm	Factor CV	Working Pressure mbar		Coils Type	Coil Class	Max Fluids Temp $^{\circ}$ C	Model AC220V	Weight (KG)
			Min	Max					
1/2"	19	7.5	0	360	M	F	120	SCFT2MF02V8D19	0.8
3/4"	19	7.5	0	360	M	F	120	SCFT2MF02V8E19	

Valve selection list (Normally Open)

Pipe Size	Factor CV	Power		Electric current	
		Start-up	Keep	Start-up	Keep
SM-4101	AC220V	130VA	6.0VA	590mA	28mA
SM-4102	AC110V	95VA	8.0VA	900mA	75mA
SM-4106	DC24V	98W	8.8W	4050mA	365mA
SM-4104	AC24V	66VA	6.8VA	3400mA	360mA
SM-4107	DC12V	45W	4.5W	3750mA	380mA

External Dimensions Chart



Operation mode	H
Normally Closed	156
Normally Open	160

SLE manifold type series solenoid valve

Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10	
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Manifold	
E.G.	SLE	1	D	F	02	N	1	A	03	N4	□
Manifold type Solenoid Valve	1: Normally Closed	D: DIN Standard Connections, Fully Encapsulated S: NASS Coil (DIN)	F: F Class	02=220VAC 230VAC 50/60HZ 01=110VAC 120VAC 50/60HZ 05=24VAC 13=DC24V Contact the Factory for Others	N: NBR V: VITON E: EPDM	1= Brass 8= Aluminium (Standard)	A=1/8" B=1/4" C=3/8" D=1/2"	02=2.0 03=3.0 04=4.0 05=5.0 06=6.0 09=9.0	N2=2 N3=3 N4=4 N5=5	L: Neon Lamp N: NPT Connection	

Sanlixin Solenoid Valve

SLE manifold type series solenoid valve

1: 2-Way normally closed solenoid valve; closed when de-energized, open when energized.

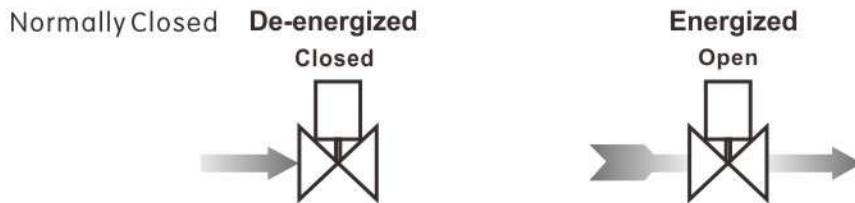
2: Body material: brass, aluminum (standard)

3: Ambient Temp. 0°C~65°C; flow as the arrow, one inlet many outlets(N)

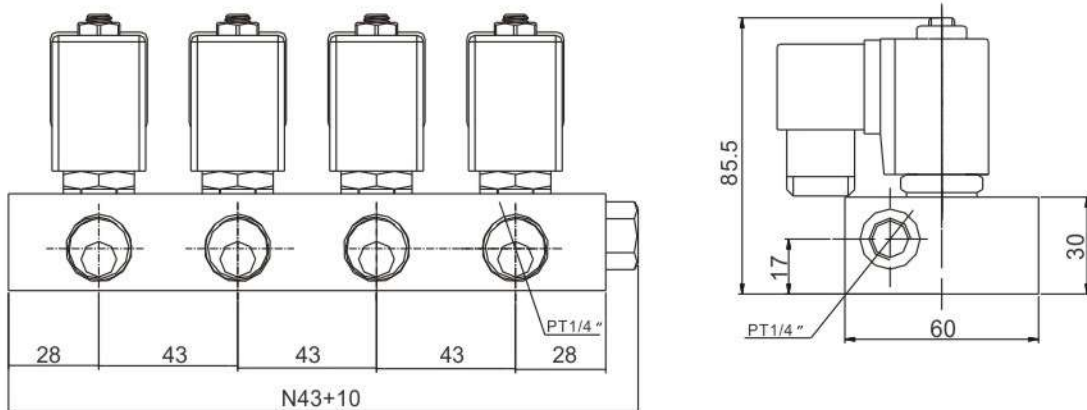
4: Coil can fix Germany NASS Coil,

Standard voltage: 220VAC/230VAC/240VAC

50/60HZ 22VA 24VA 24VDC 13W



Construction, External Dimensions Chart



SLE manifold type series solenoid valve

Valve Selection List

Pipe Conn-ection	Orifice mm	Cv Factor	Operating pressure differential (kgf/cm ²)							Max. Fluids Temp.	Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are 220VAC 50/60HZ
			Min.	Max.								VA AC 220 V	W DC 24 V		
				Air Gas		Water Hot water Liquids		Light oil ≤20CST							
				AC 220V	DC 24V	AC 220V	DC 24V	AC 220V	DC 24V						
1/8"	2.0	0.15	0	20	20	20	15	15	10	120	D	22	13	F	SLE1DF02V8A02
	3.0	0.23	0	10	10	10	10	7	7	120	D	22	13	F	SLE1DF02V8A03
	4.0	0.44	0	7	7	7	5	5	5	120	D	22	13	F	SLE1DF02V8A04
	5.0	0.5	0	4	2.5	4	2.5	2.5	2.5	120	D	22	13	F	SLE1DF02V8A05
1/4"	2.0	0.15	0	20	20	20	15	15	10	120	D	22	13	F	SLE1DF02V8B02
	3.0	0.23	0	13	13	13	10	7	5	120	D	22	13	F	SLE1DF02V8B03
	4.0	0.44	0	7	7	7	5	5	5	120	D	22	13	F	SLE1DF02V8B04
	5.0	0.5	0	4	2.5	4	2.5	2.5	2.5	120	D	22	13	F	SLE1DF02V8B05
	6.0	0.8	0	3	3	3	1.5	2	1	120	D	22	13	F	SLE1DF02V8B06
3/8"	5.0	0.5	0	4	2.5	4	2.5	2.5	2.5	120	D	22	13	F	SLE1DF02V8C05
	6.0	0.8	0	3	3	3	1.5	2	1	120	D	22	13	F	SLE1DF02V8C06
	9.0	1.65	0	1	1	0.8	0.4	0.5	0.3	120	D	22	13	F	SLE1DF02V8C09
1/2"	5.0	0.5	0	4	2.5	4	2.5	2.5	2.5	120	D	22	13	F	SLE1DF02V8D05
	6.0	0.8	0	3	3	3	1.5	2	1	120	D	22	13	F	SLE1DF02V8D06
	9.0	1.65	0	1	1	0.8	0.4	0.5	0.3	120	D	22	13	F	SLE1DF02V8D09

SLE Series Coils Characteristics List

Coils Model Code	Voltage	Power consumption					Suitable Valve Model
		50HZ VA		60HZ VA		DC W	
		Inrush	Holding	Inrush	Holding		
D04-3101	AC220V	55	22	55	22	SLE Normally Closed Series	
D04-3102	AC110V	55	22	55	22		
D04-3104	AC24V	45	18	45	18		
D04-3106	DC24V	—————					13
D04-3107	DC12V	—————					13

Sanlixin Solenoid Valve

SLE manifold type series solenoid valve

Main Technical Parameters

2-way solenoid valve normally closed, closed when de-energized, open when energized.

One inlet many outlets(n); two inlets many outlets(n)

- Body material: brass
- Internal component: stainless steel
- Seal: NBR(media temp.: < = 80°C)
- EPDM(media temp.: < = 120°C)
- VITON(media temp.: < = 120°C)
- Operating media: water, hot water, gas, oil (<=20cst)
- Orifice: Φ10.0mm
- Connection: outlet connection: 1/4" 3/8" 1/2"
inlet connection: 1/2"
- Operating pressure: 0~13kgf/cm²
- Voltage: AC220v 110v 24v 50/60hz DC24v 12v
- Power consumption: AC22va (13w) DC13w
- Voltage tolerance: -10%~+10%
- Coil type: D=DIN Standard Connections Fully Encapsulated.
N=lead wires
- Coils can be use Nass Coil
- Heat resistant class: class F 155°C Ed100%
- Ambient temp: 0~65°C

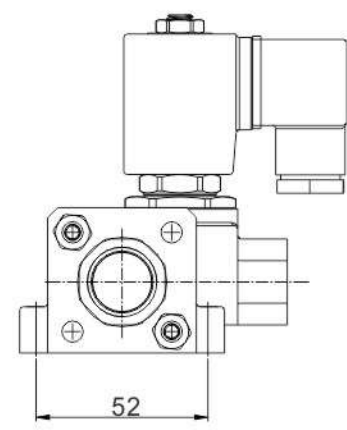
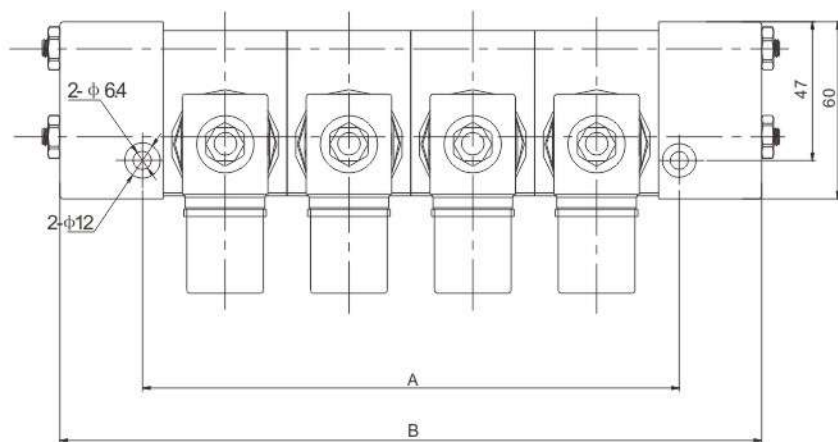
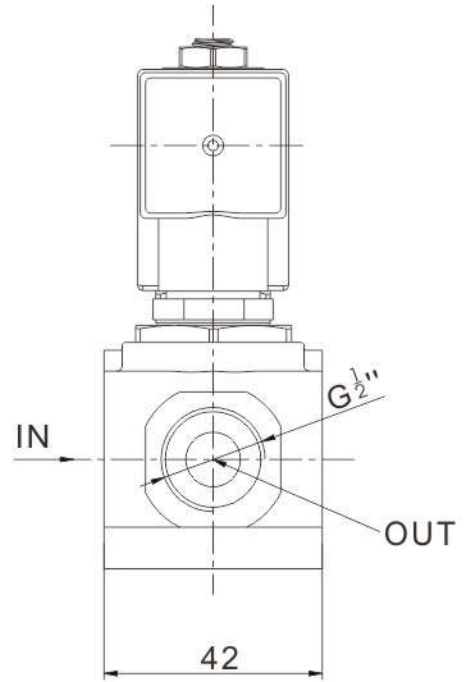
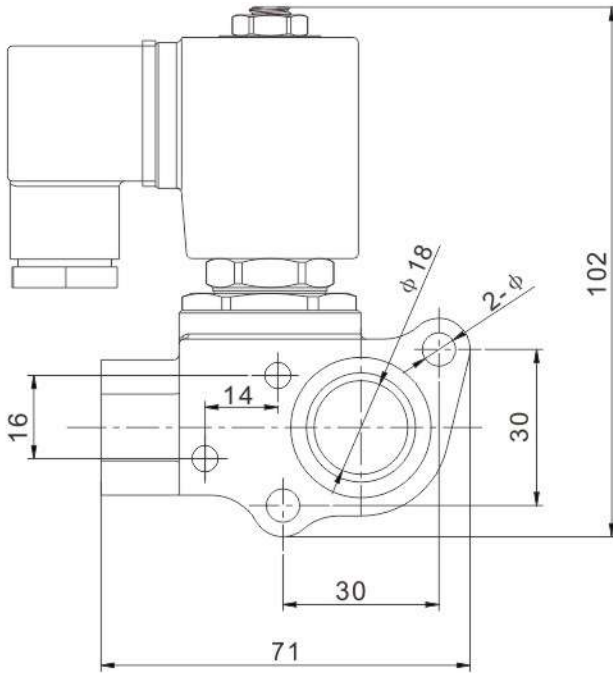


Solenoid Valve Numbering System for Order

	1	2	3		4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Composition	Options
E.G.	SLE	1	D	F	02	V	1	D	10	N3	K
		I= Normally Closed	D=DIN standard connections, fully encapsulated N=lead wires water-tight fully encapsulated S= NASS coil	F Class	02= AC220V 01= AC110V 12= DC12V 13= DC24V	N= NBR E= EPDM V= VITON	1= Forged Brass	B= 1/2"×1/4" C= 1/2"×3/8" D= 1/2"×1/2"	10.0 mm	N2= 2Pcs N3= 3Pcs N8= 8Pcs	N=NPT L=Neon Lamp

SLE manifold type series solenoid valve

External Dimensions Chart

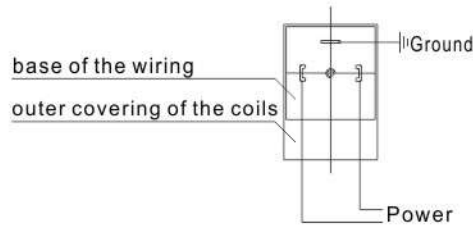
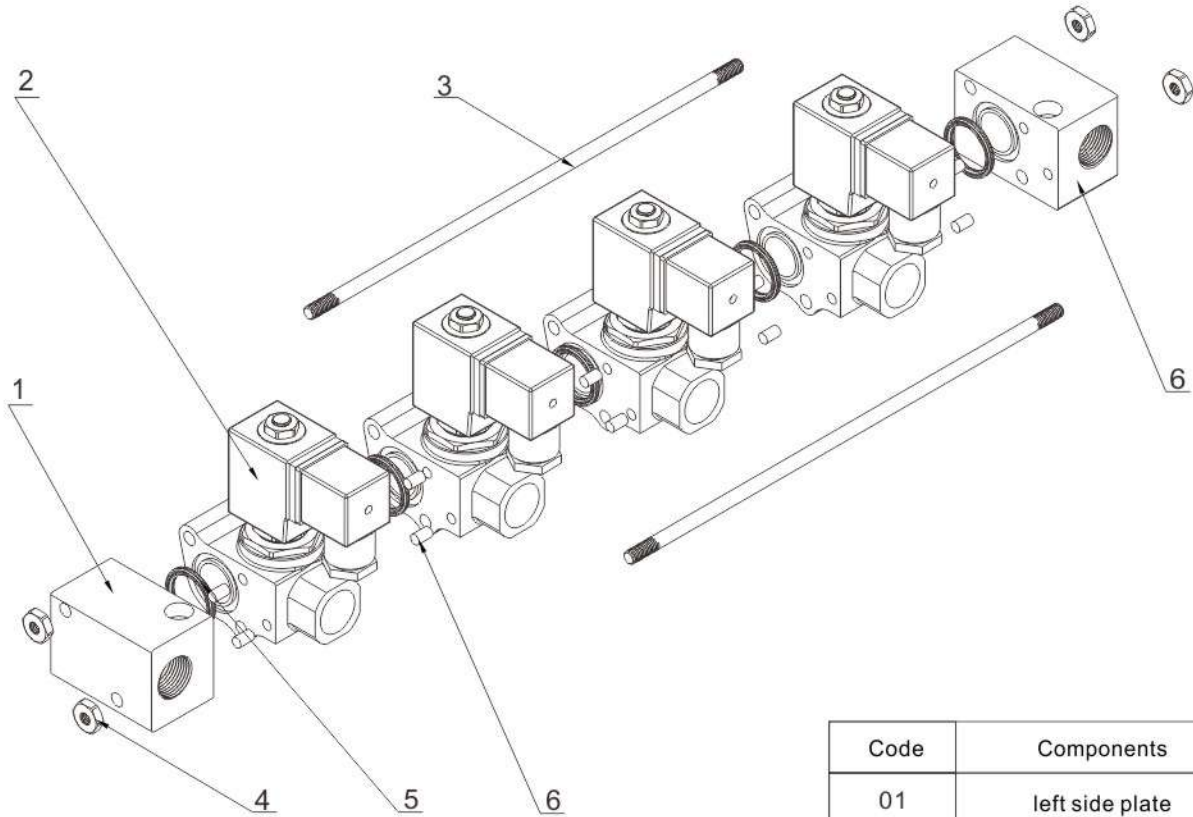


composition No	2	3	4	5	6	7	8
A: Mounting distance	94	136	178	220	262	304	346
B: total length	120	162	204	246	288	330	372
Weight (KG)	1.9	2.7	3.5	4.4	5.2	5.9	6.8

Sanlixin Solenoid Valve

SLE manifold type series solenoid valve

N PCS solenoid valves mounting connection diagram

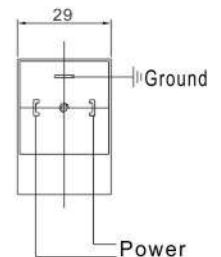
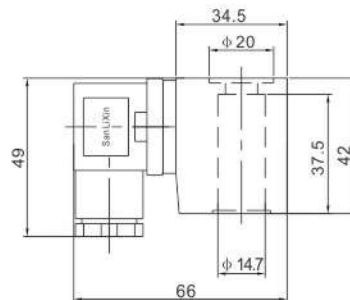
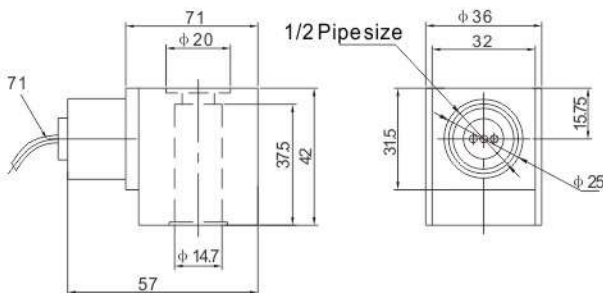


Code	Components
01	left side plate
02	single solenoid valve
03	connecting screw
04	joint nut
05	star type O ring
06	Dowel
07	right side plate

Coil dimensioned chart

N=Lead wires, water-tight Fully Encapsulated

DIN Standard Connections



SLJ plate-type, integrated series solenoid valve

SLJ1 Normally Closed 3/2-way Series

SLJ2 Normally Open 3/2-way Series

SLJ3 Universal 3/2-way Series

SLJ4 2/2-way Series

Product Characteristics

SLJ 3/2-way Series solenoid valve structure compact, Installed in integrated plate, Realize the piping to be not moved, Optional installation exchange solenoid valves, According to the requirement of customer mix of integration (At the same time,install 2/2-way and 3/2-way solenoid valve on one plate), This product widely used for cylinder, valve etc implementation of the automatic control and air compressor.



Solenoid Valves Numbering System for Order

	1	2	3	4	5	6	7	8	9
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLJ	1	D	F	02	N/1	J	C2	M
		1: Normally Closed 2: Normally Open 3: Universal 3/2-way Series 4: 2/2-way Series	D: DIN Standard Connections, Fully Encapsulated N: Lead Wires, Water-tight, Fully Encapsulated	F: Class	02= AC220V AC230V 50/60HZ 01= AC110V AC120V 50/60HZ 13= DC 24V	N=NBR V=VITON E=EPDM 1=Forged Brass 9=Forged Brass	J= Installed in integrated plate	C2=1.5 02=2.0 C3=2.5	L= Neon Lamp

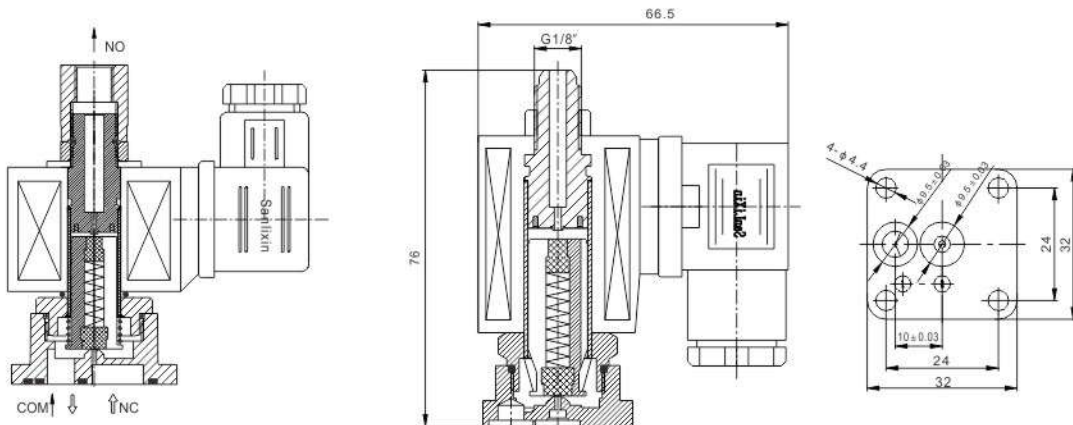
Sanlixin Solenoid Valve

SLJ plate-type, integrated series solenoid valve

SLJ1 Normally Closed 3/2-way Series Selection List

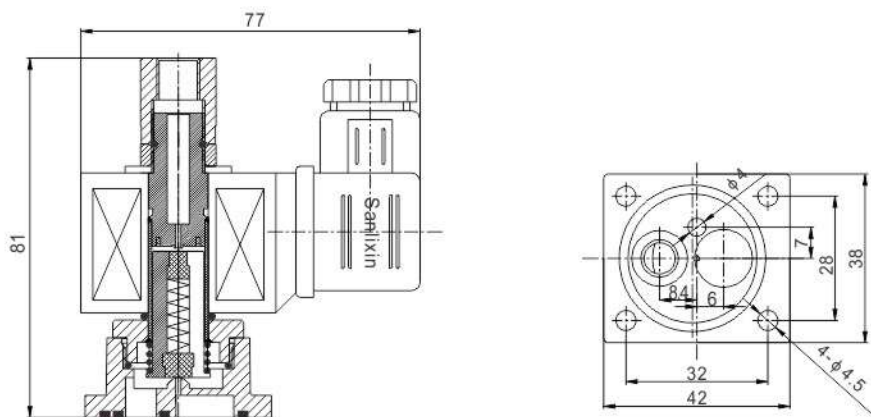
Orifice (mm)		CV Factor		Operating pressure differential(bar)						Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ Brass	Weight (KG)	
Valve body	Top	Valve body	Top	Min	Max.						VA	W				
					Air Gas		Water Liquids		Light oil ≤20CST							
					AC	DC	AC	DC	AC	DC	AC 220V	DC 24 V				
1.2	1.5	0.05	0.05	0	16	16	16	16	16	16	D	20	20	F	SLJ1DF02N1JC1	0.31
1.2	1.5	0.05	0.05	0	16	16	16	16	16	16	D	22	13	F	SLJ1DF02N9JC1	0.28
1.5	1.5	0.07	0.05	0	10	8	10	8	10	8	D	20	20	F	SLJ1DF02N1JC2	0.31
1.5	1.5	0.07	0.05	0	10	8	10	8	10	8	D	22	13	F	SLJ1DF02N9JC2	0.28
2.0	1.5	0.14	0.05	0	7	5	7	5	7	5	D	20	20	F	SLJ1DF02N1J02	0.31

De-energized & Energized-Flow Chart



Drawings Of Body9

Configuration dimension chart(3/2-way)



Drawings of solenoid valve use 06-310 coils

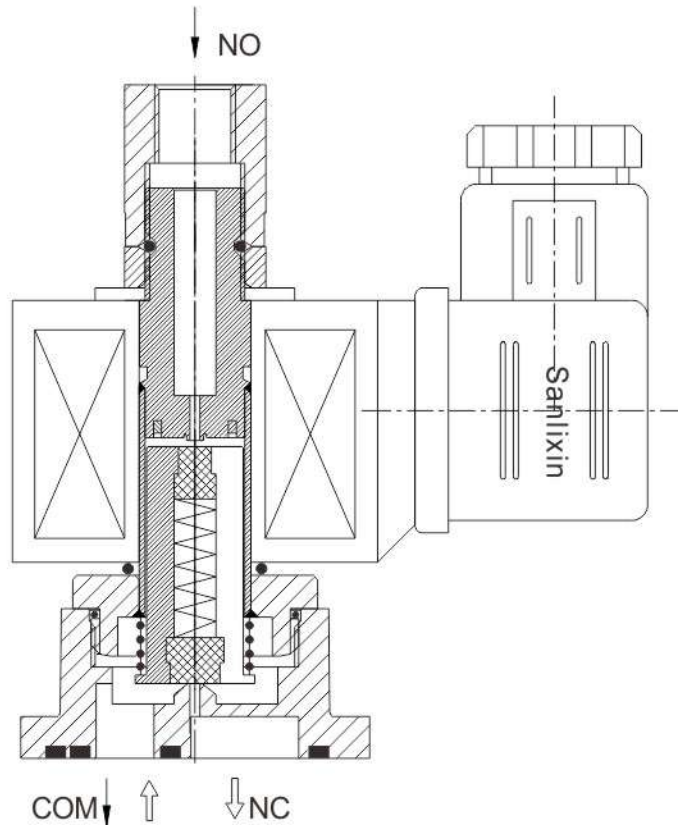


SLJ plate-type, integrated series solenoid valve

SLJ2 Normally Open 3/2-way Series Selection List

Orifice (mm)		CV Factor		Operating pressure differential(bar)								Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ Brass	Weight (KG)
				Min	Max.						VA		W				
Valve body	Top	Valve body	Top		Air Gas		Water Liquids		Light oil ≤20CST		AC 220V	DC 24 V					
					AC	DC	AC	DC	AC	DC							
1.2	1.5	0.05	0.05	0	16	12	16	12	16	12	D	20	20	F	SLJ2DF02N1JC1	0.31	
1.2	1.5	0.05	0.05	0	16	12	16	12	16	12	D	22	13	F	SLJ2DF02N9JC1	0.28	
1.5	1.5	0.07	0.05	0	10	8	10	8	10	7	D	20	20	F	SLJ2DF02N1JC2	0.31	
1.5	1.5	0.07	0.05	0	10	8	10	8	10	7	D	22	13	F	SLJ2DF02N9JC2	0.28	
2.0	1.5	0.14	0.05	0	7	4	7	5	3	2	D	20	20	F	SLJ2DF02N1J02	0.31	

De-energized & Energized-Flow Chart



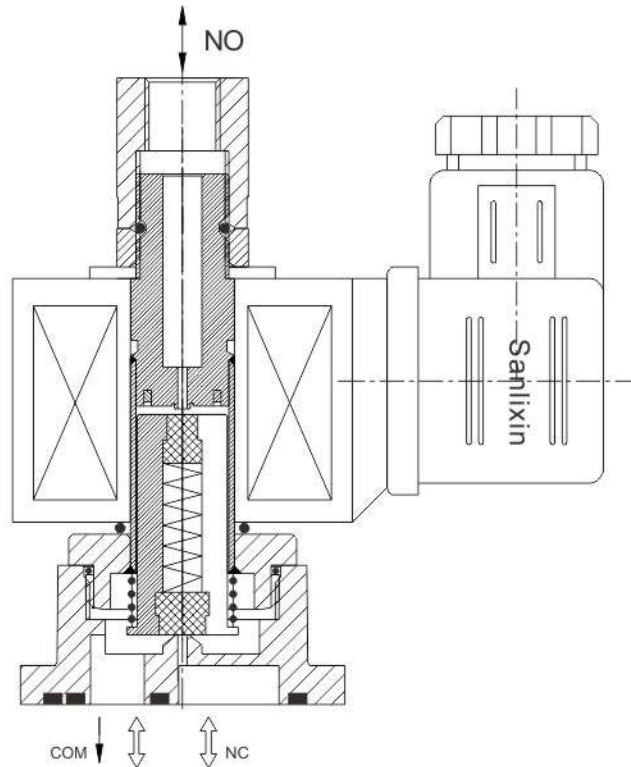
Sanlixin Solenoid Valve

SLJ plate-type, integrated series solenoid valve

SLJ3 Universal 3/2-way Series Selection List

Orifice (mm)		CV Factor		Operating pressure differential(bar)							Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ Brass	Weight (KG)
Valve body	Top	Valve body	Top	Min	Max.							VA	W			
					Air Gas		Water Liquids		Light oil ≤20CST			AC 220V	DC 24 V			
					AC	DC	AC	DC	AC	DC						
1.2	1.5	0.05	0.05	0	10	10	10	10	8	8	D	20	20	F	SLJ3DF02N1JC1	0.31
1.2	1.5	0.05	0.05	0	10	10	10	10	8	8	D	22	13	F	SLJ3DF02N9JC1	0.28
1.5	1.5	0.07	0.05	0	7	7	7	7	6	6	D	20	20	F	SLJ3DF02N1JC2	0.31
1.5	1.5	0.07	0.05	0	7	7	7	7	6	6	D	16	13	F	SLJ3DF02N9JC2	0.28
2.0	1.5	0.14	0.05	0	4	4	4	4	2.5	2	D	20	20	F	SLJ3DF02N1J02	0.31

De-energized & Energized-Flow Chart

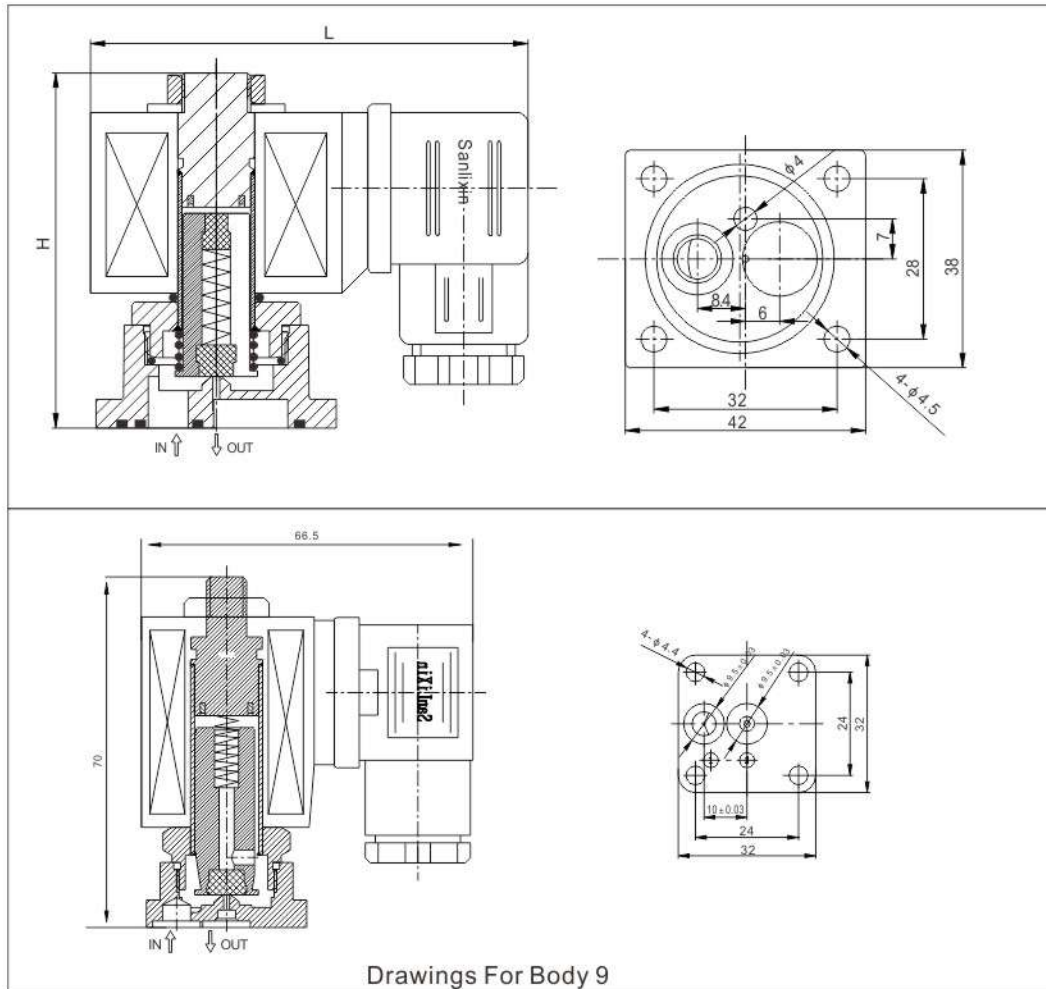


SLJ plate-type, integrated series solenoid valve

SLJ4 2/2-way Series Selection List

Orifice (mm)	CV Factor	Operating pressure differential(bar)								Coil Type	Power		Coil Class	(L) X (H)	Model Code Follows Voltage are AC220V 50/60HZ	Weight Kg
		Min	Max.						AC 220V		DC 24 V					
			Air Gas		Water Liquids		Light oil ≤20CST									
			AC	DC	AC	DC	AC	DC								
1.2	0.05	0	25	25	25	25	25	25	D	20	20	F	77×62	SLJ4DF02N1JC1	0.31	
1.5	0.07	0	21	21	21	21	21	21	D	20	20	F	77×62	SLJ4DF02N1JC2	0.31	
2.0	0.14	0	15	15	15	15	15	15	D	20	20	F	77×62	SLJ4DF02N1J02	0.31	
2.5	0.21	0	12	10	10	8	6	5	D	20	20	F	77×62	SLJ4DF02N1JC3	0.31	
3.0	0.23	0	8	4	6	4	4	3	D	20	20	F	77×62	SLJ4DF02N1J03	0.31	
1.2	0.05	0	25	25	25	25	25	25	D	22	13	F	66.5×70	SLJ4DF02N9JC1	0.28	
1.5	0.07	0	21	21	21	21	21	21	D	22	13	F	66.5×70	SLJ4DF02N9JC2	0.28	

Configuration dimension chart(2/2-way)



Drawings For Body 9



Sanlixin Solenoid Valve

SLM 2/2-way direct acting compact series solenoid valve

Main Technical Parameters

- 2/2-way solenoid valve, Closed when de-energizes, open when energized.
- Serialized products, small in size. Large flow rate, widely use
- Body material: Brass, SS316
- Plunger tube material : Brass stainless steel
- Ambient temp: 0~65℃ fluid temp: temp: 0~120℃
- Voltage: AC220v DC 24v/6W (other voltage can special made)
- Flow as the arrow, mounts in any position:
best position is solenoid vertical and upright direction.
- This series valves are offered NBR VITON EPDM stc for series and diaphragm to provide on-off control of various fluids.



Solenoid Valve Numbering System for Order

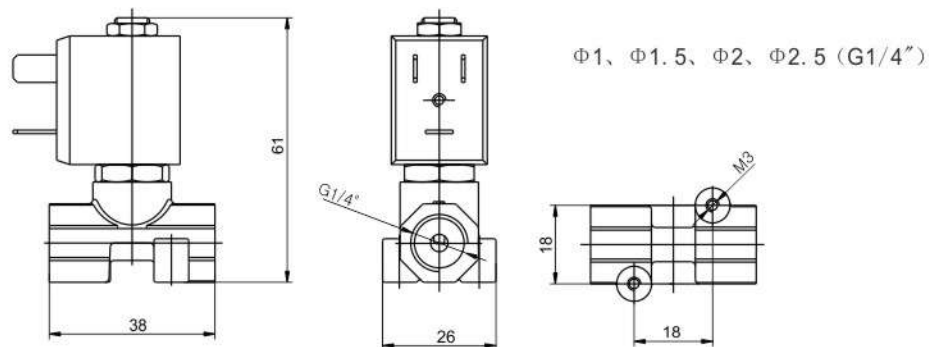
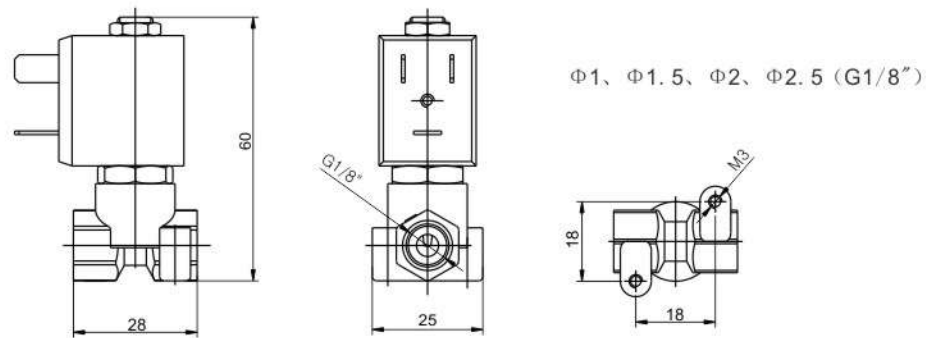
	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
E.G.	SLM	1	D	H	02	N	1	A	C2	L
		1: Normally Closed	D: DIN Standard Connections, Fully Encapsulated	H: Class	02= AC220V AC230V 50/60HZ 01= AC110V AC120V 50/60HZ 13= DC24V	N= NBR V= VITON E= EPDM	1= Forged Brass 3= SS316 1= Forged Brass 3= SS316	A= 1/8" B= 1/4" C=3/8" D=1/2" E=3/4" G=1"	01=1.0 C2=1.5 02=02 C3=2.5 12=12 20=20.0 25=25.0	L= Neon Lamp D=01-410 coils (according to the customer) N= NPT

SLM 2/2-way direct acting compact series solenoid valve

Valve selection list

Pipe Size	Orifice (mm)	CV Factor	Working Pressure (bar)				Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ		Weight (KG)	
			Min	Max		AC 220V		DC 24V						
				Gas					Liquid					
				AC	DC				AC					DC
1/8"	1.0	0.05	0	20	15	20	15	D	6	6	H	SLM1DH02N1A01	SLM1DH02N3A01	0.14
	1.5	0.07	0	16	13	16	13	D	6	6	H	SLM1DH02N1AC2	SLM1DH02N3AC2	
	2.0	0.13	0	13	10	13	10	D	6	6	H	SLM1DH02N1A02	SLM1DH02N3A02	
	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02N1AC3	SLM1DH02N3AC3	
1/4"	1.0	0.05	0	20	15	20	15	D	6	6	H	SLM1DH02N1B01	SLM1DH02N3B01	0.13
	1.5	0.07	0	16	13	16	13	D	6	6	H	SLM1DH02N1BC2	SLM1DH02N3BC2	
	2.0	0.13	0	13	10	13	10	D	6	6	H	SLM1DH02N1B02	SLM1DH02N3B02	
	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02N1BC3	SLM1DH02N3BC3	

Configuration dimension chart



Sanlixin Solenoid Valve

SLM 2/2-way miniature direct acting plastic solenoid valve

Product features: small size, low power, wide range of application

Body material: PPS

Material of tube: stainless steel

Ambient temp: 0°C ~ 65°C Fluid temp: 0°C ~ 65°C

Voltage: AC220V/6VA DC24V/6W (Other voltages can be customized)

Connection mode: Quick insert (φ 6.35mm)、G1/8

Flow as the arrow, mounts in any position;

best position is solenoid vertical and upright direction.

Seal: NBR、EPDM、VITON



Solenoid Valve Numbering System for Order

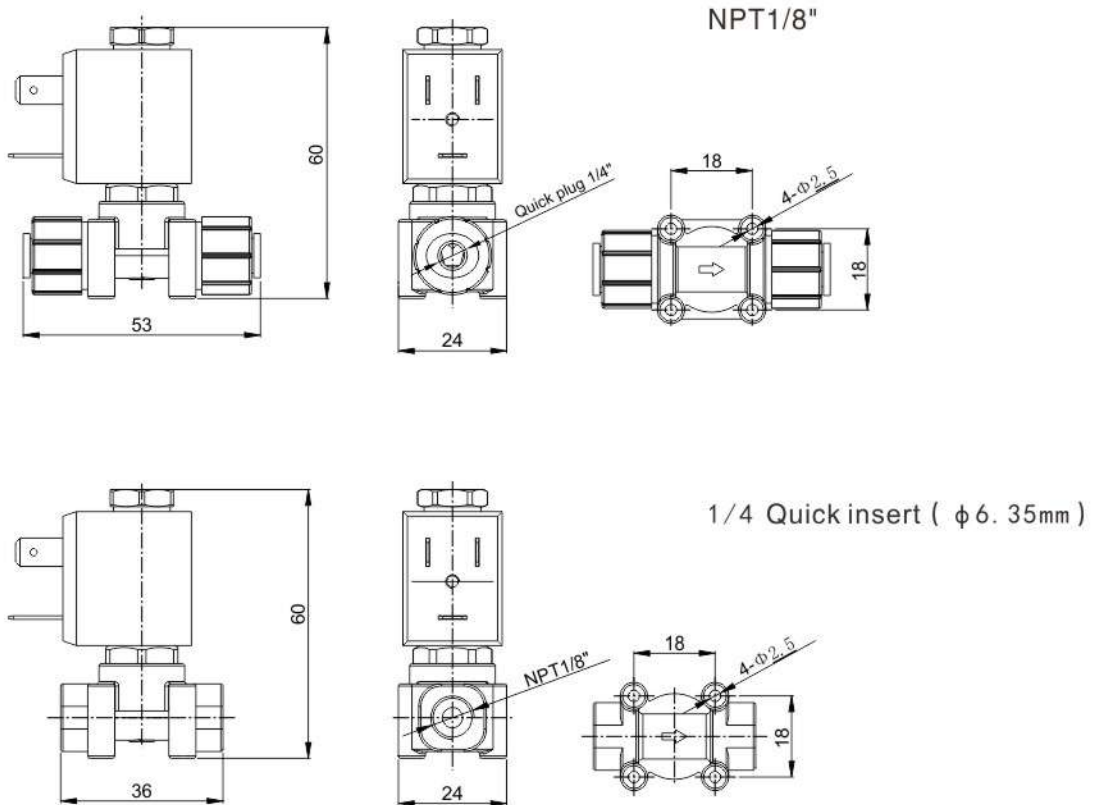
	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
E.G.	SLM	1	D	H	02	N	7	A	C2	N
		1: Normally Closed	D: DIN Standard Connections, Fully Encapsulated	H= H Class	02= AC220V AC230V 50/60HZ 13= DC24V For other voltages, please consult the company	N=NBR V=VITON E=EPDM	7= Plastic	A=1/8" Y=Quick insert (1/4")	C3=2.5	L=Neon Lamp N=NPT

SLM 2/2-way miniature direct acting plastic solenoid valve

Valve selection list

Pipe Size	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Coil Type	Power consumption		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ	Weight Kg	
			Min.	Max.				VA AC 220V	W DC 24V				
				Air		Liquids							
				AC	DC	AC							DC
NPT 1/8"	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02N7AC3N	0.12
	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02E7AC3N	0.12
	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02V7AC3N	0.12
1/4" 快插式	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02N7YC3	0.12
	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02E7YC3	0.12
	2.5	0.17	0	10	6	10	6	D	6	6	H	SLM1DH02V7YC3	0.12

External Dimensions



Sanlixin Solenoid Valve

SLM 2/2-way pilot solenoid valve series

Product features: small size, low power, wide range of application

Body material: Brass, stainless steel

Material of magnetic separator: stainless steel

Ambient temp: 0°C~65°C, Fluid temp: 0°C~120°C

Voltage: AC220V/6VA DC24V/6W (Other voltages can be customized)

Flow as the arrow, mounts in any position;

best position is solenoid vertical and upright direction.

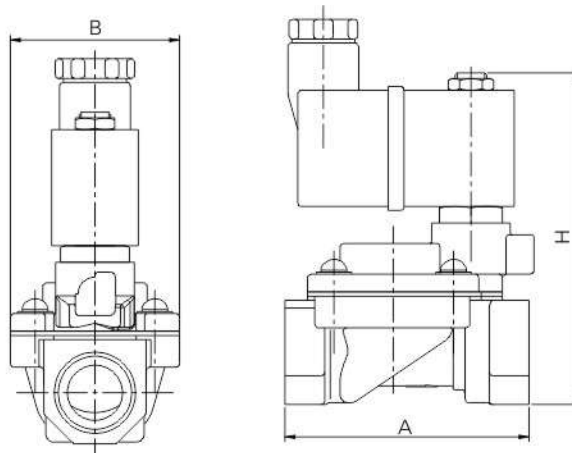
Sealing: NBR、EPDM、VITON



Valve selection list

Pipe Size	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Coil Type	Power consumption		Coil Class	Model code AxBxH	Model Code Follows Voltage are AC220V 50/60HZ		Weight Kg	
			Min.	Max.		VA		W	Brass			Stainless steel			
				Air									AC 220V		DC 24V
				AC	DC										
3/8"	12	2.4	0.5	16	10	16	10	D	6	6	F	62x43x84.2	SLM1DF02N1C12	SLM1DF02N3C12	0.44
	12	2.4	0.5	16	10	16	10	D	6	6	F	62x43x84.2	SLM1DF02E1C12	SLM1DF02E3C12	
	12	2.4	0.5	16	10	16	10	D	6	6	F	62x43x84.2	SLM1DF02V1C12	SLM1DF02V3C12	
1/2"	12	2.4	0.5	16	10	16	10	D	6	6	F	62x43x84.2	SLM1DF02N1D12	SLM1DF02N3D12	0.42
	12	2.4	0.5	16	10	16	10	D	6	6	F	62x43x84.2	SLM1DF02E1D12	SLM1DF02E3D12	
	12	2.4	0.5	16	10	16	10	D	6	6	F	62x43x84.2	SLM1DF02V1D12	SLM1DF02V3D12	
3/4"	20	6.0	0.5	16	10	16	10	D	6	6	F	80x60x93	SLM1DF02N1E20	SLM1DF02N3E20	0.8
	20	6.0	0.5	16	10	16	10	D	6	6	F	80x60x93	SLM1DF02E1E20	SLM1DF02E3E20	
	20	6.0	0.5	16	10	16	10	D	6	6	F	80x60x93	SLM1DF02V1E20	SLM1DF02V3E20	
1"	25	8.5	0.5	16	10	16	10	D	6	6	F	100x80x102	SLM1DF02N1G25	SLM1DF02N3G25	1.0
	25	8.5	0.5	16	10	16	10	D	6	6	F	100x80x102	SLM1DF02E1G25	SLM1DF02E3G25	
	25	8.5	0.5	16	10	16	10	D	6	6	F	100x80x102	SLM1DF02V1G25	SLM1DF02V3G25	

External Dimensions



SLVM 3/2-way direct acting compact series solenoid valve

Main Technical Parameters

3/2-way solenoid valve, Closed when de-energizes, open when energized.

Serialized products, small in size. Large flow rate, widely use

Body material: Brass

Plunger tube material : Brass stainless steel

Ambient temp: 0~65℃ fluid temp: temp: 0~120℃

Voltage: AC220v DC 24v/6W (other voltage can special made)

SLVM1 Normally Closed

SLVM2 Normally Open

SLVM3 Diverting

SLVM4 Universal



Solenoid Valve Numbering System for Order

	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
E.G.	SLVM	1	D	H	02	N	1	A	C2	L
		1: Normally Closed 2: Normally Open 3: Diverting 4: Universal	D: DIN Standard Connections, Fully Encapsulated	H: Class	02= AC220V 13= DC24V	N= NBR E= EPDM V= VITON	1= Forged Brass 3= SS316	A= 1/8" B= 1/4"	C2=1.5 02=02 C3=2.5 Top: φ 1.2	L= Neon Lamp N= NPT M= Top M5

Sanlixin Solenoid Valve

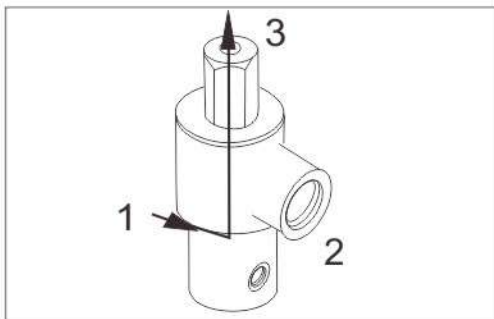
SLVM 3/2-way direct acting compact series solenoid valve

SLVM1 Normally Closed

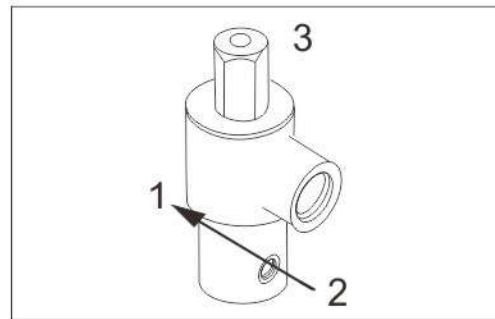
Pipe Size	Orifice mm	Top Orifice mm	CV	Working Pressure(bar)				Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ		Weight (KG)	
				Min	Max		AC 220V		DC 24V	Brass		Stainless steel			
					Gas								Liquid		
					AC	DC							AC		DC
1/8"	1.5	1.2	0.07	0	9	9	9	9	D	12	12	H	SLVM1DH02N1AC2	SLVM1DH02N3AC2	0.14
	2.0	1.2	0.13	0	5	5	5	5	D	12	12	H	SLVM1DH02N1A02	SLVM1DH02N3A02	
	2.5	1.2	0.17	0	3	3	3	3	D	12	12	H	SLVM1DH02N1AC3	SLVM1DH02N3AC3	
1/4"	1.5	1.2	0.07	0	9	9	9	9	D	12	12	H	SLVM1DH02N1BC2	SLVM1DH02N3BC2	0.13
	2.0	1.2	0.13	0	5	5	5	5	D	12	12	H	SLVM1DH02N1B02	SLVM1DH02N3B02	
	2.5	1.2	0.17	0	3	3	3	3	D	12	12	H	SLVM1DH02N1BC3	SLVM1DH02N3BC3	

Free Exhaust

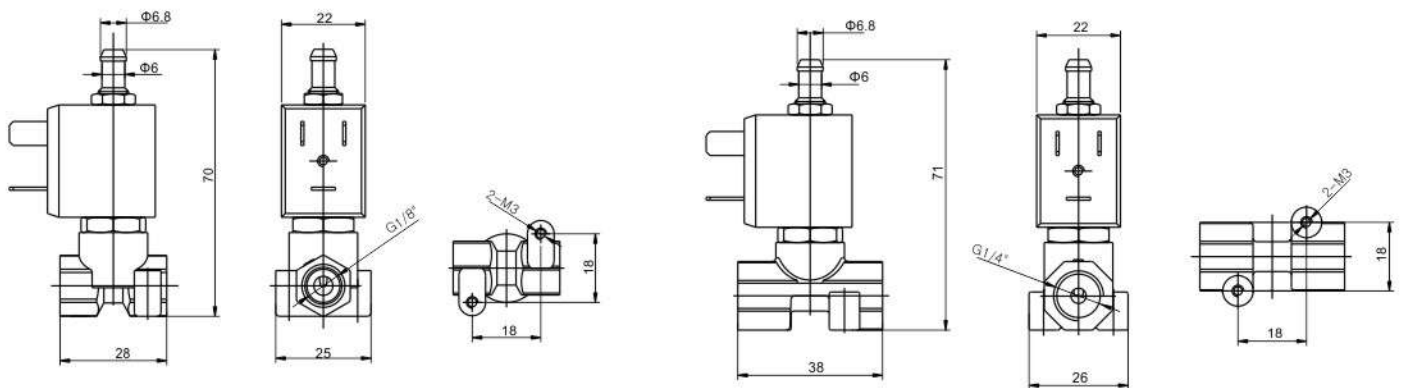
De-energized



Energized



Configuration dimension chart



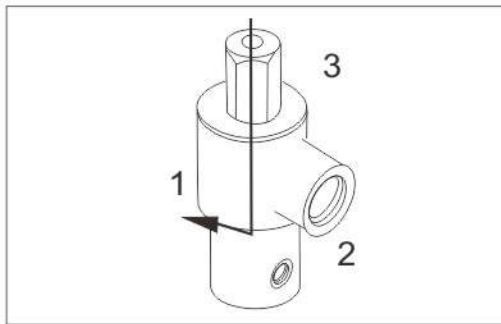
SLVM 3/2-way direct acting compact series solenoid valve

SLVM2 Normally open

Pipe Size	Orifice mm	Top Orifice mm	CV	Working Pressure(bar)				Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ		Weight (KG)	
				Min	Max		AC 220V		DC 24V	Brass		Stainless steel			
					Gas								Liquid		
					AC	DC							AC		DC
1/8"	1.5	1.2	0.07	0	8	7	8	7	D	12	12	H	SLVM2DH02N1AC2	SLVM2DH02N3AC2	0.14
	2.0	1.2	0.13	0	8	7	8	7	D	12	12	H	SLVM2DH02N1A02	SLVM2DH02N3A02	
	2.5	1.2	0.17	0	8	7	8	7	D	12	12	H	SLVM2DH02N1AC3	SLVM2DH02N3AC3	
1/4"	1.5	1.2	0.07	0	8	7	8	7	D	12	12	H	SLVM2DH02N1BC2	SLVM2DH02N3BC2	0.13
	2.0	1.2	0.13	0	8	7	8	7	D	12	12	H	SLVM2DH02N1B02	SLVM2DH02N3B02	
	2.5	1.2	0.17	0	8	7	8	7	D	12	12	H	SLVM2DH02N1BC3	SLVM2DH02N3BC3	

Normally Open

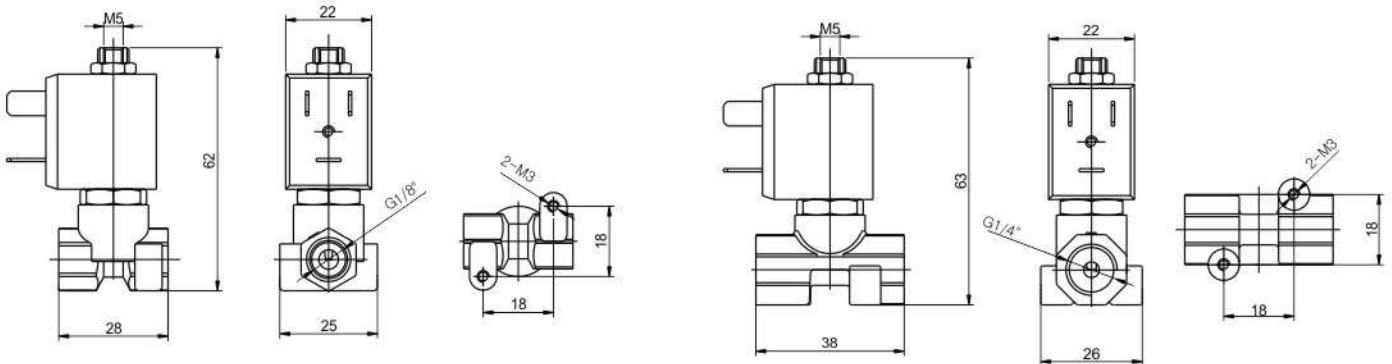
De-energized



Energized



Configuration dimension chart



Sanlixin Solenoid Valve

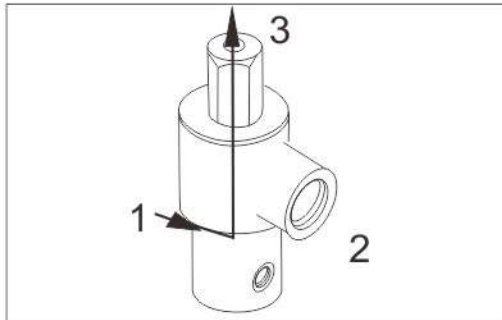
SLVM 3/2-way direct acting compact series solenoid valve

SLVM3 Diverting

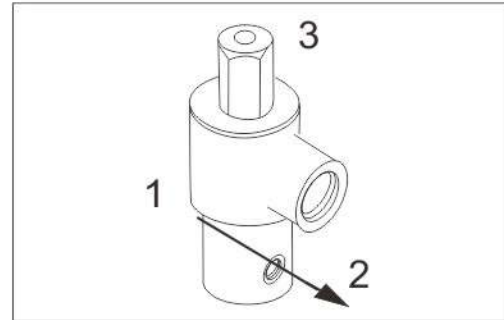
Pipe Size	Orifice mm	Top Orifice mm	CV	Working Pressure(bar)				Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ		Weight (KG)	
				Min	Max		AC 220V		DC 24V	Brass		Stainless steel			
					Gas								Liquid		
					AC	DC							AC		DC
1/8"	1.5	1.2	0.07	0	16	13	16	13	D	6	6	H	SLVM3DH02N1AC2	SLVM3DH02N3AC2	0.14
	2.0	1.2	0.13	0	13	10	13	10	D	6	6	H	SLVM3DH02N1A02	SLVM3DH02N3A02	
	2.5	1.2	0.17	0	10	6	10	6	D	6	6	H	SLVM3DH02N1AC3	SLVM3DH02N3AC3	
1/4"	1.5	1.2	0.07	0	16	13	16	13	D	6	6	H	SLVM3DH02N1BC2	SLVM3DH02N3BC2	0.13
	2.0	1.2	0.13	0	13	10	13	10	D	6	6	H	SLVM3DH02N1B02	SLVM3DH02N3B02	
	2.5	1.2	0.17	0	10	6	10	6	D	6	6	H	SLVM3DH02N1BC3	SLVM3DH02N3BC3	

Diverting

De-energized



Energized



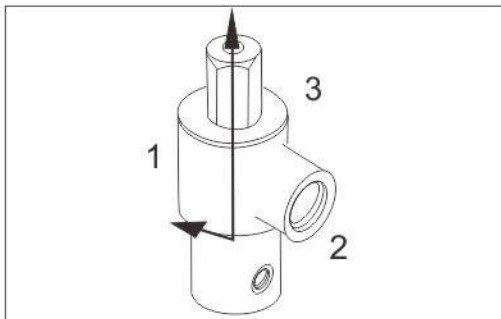
SLVM 3/2-way direct acting compact series solenoid valve

SLVM4 Universal

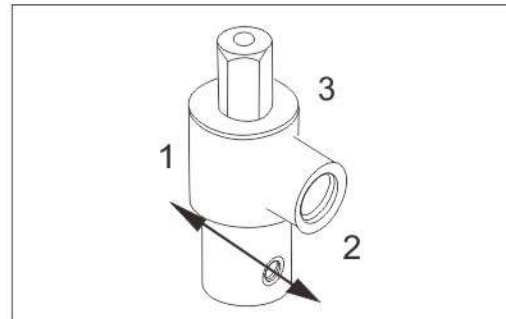
Pipe Size	Orifice mm	Top Orifice mm	CV	Working Pressure(bar)				Coil Type	Power		Coil Class	Model Code Follows Voltage are AC220V 50/60HZ		Weight (KG)	
				Min	Max		AC 220V		DC 24V	Brass		Stainless steel			
					Gas								Liquid		
					AC	DC							AC		DC
1/8"	1.5	1.2	0.07	0	7	5	7	5	D	12	12	H	SLVM4DH02N1AC2	SLVM4DH02N3AC2	0.14
	2.0	1.2	0.13	0	3	3	3	3	D	12	12	H	SLVM4DH02N1A02	SLVM4DH02N3A02	
	2.5	1.2	0.17	0	2	2	2	2	D	12	12	H	SLVM4DH02N1AC3	SLVM4DH02N3AC3	
1/4"	1.5	1.2	0.07	0	7	5	7	5	D	12	12	H	SLVM4DH02N1BC2	SLVM4DH02N3BC2	0.13
	2.0	1.2	0.13	0	3	3	3	3	D	12	12	H	SLVM4DH02N1B02	SLVM4DH02N3B02	
	2.5	1.2	0.17	0	2	2	2	2	D	12	12	H	SLVM4DH02N1BC3	SLVM4DH02N3BC3	

Universal

De-energized



Energized



Sanlixin Solenoid Valve

DMF-Z right angle type latching solenoid valve

Product Purpose

Pulse solenoid valve (also called diaphragm valve), it is the "switch" . Injection control instrument by pulse output signal of the control of the the filter bag one row (room) injection out dust. Make the resistance of the filter to keep in the scope of the set inside, in order to ensure that the filter processing power and dust collecting efficiency.

DMF-Z type pulse valve as right Angle type valve, The Angle between import and export is 90 ° , Suitable for air bag dust and the installation of the wind spray connection. Airflow unobstructed, can to meet the requirements of the clear grey gas pulse.



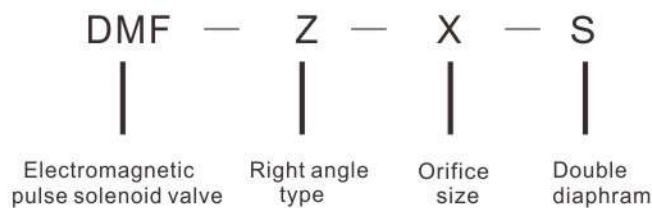
Working Principle

The pulse valve diaphragm is divided into two, gas chamber(Front & back), when switching compressed air, Compressed air through the throttle orifice into the gas chamber after at this time of the gas chamber pressure will diaphragm components.

Close to the valve outlets, pulse valve is in "closed" status. Pulse injection control instrument signal that the pulse valve bit back, after the gas Room put stomatal open, and the gas chamber pressure loss after quickly, diaphragm components moved, the compressed air. A valve lose export injection, pulse valve in the "open" status. Pulse injection control instrument signal disappears, solenoid pulse valve bit reset, gas after.

Room put stomatal closure, the gas chamber pressure after increase is clingy valve diaphragm components of outlets, solenoid pulse valve and in "closed" status.

Model Implication

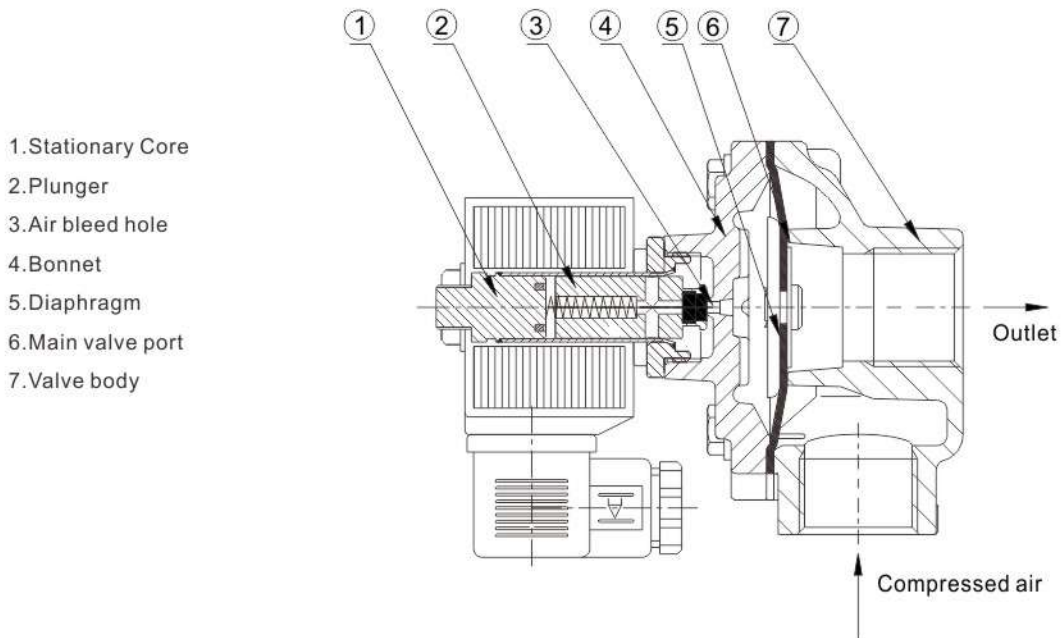


Valve Selection List

Cale	Model	Orifice size		Number Of Seal	Inlet Pipe Size	Outlet Pipe Size	Weight (KG)
		Metric	Inch				
1	DMF-Z-20	φ20	3/4"	1	G3/4 "	G3/4 "	0.75
2	DMF-Z-25	φ25	1"	1	G1 "	G1 "	0.7
3	DMF-Z-40S	φ40	1 1/2"	2	G1 1/2 "	G1 1/2 "	1.3
4	DMF-Z-50S	φ50	2"	2	G2 "	G2 "	2.65
5	DMF-Z-62S	φ62	2 1/2"	2	G2 1/2 "	G2 1/2 "	2.3

DMF-Z right angle type latching solenoid valve

Construction external dimensions chart



- 1. Stationary Core
- 2. Plunger
- 3. Air bleed hole
- 4. Bonnet
- 5. Diaphragm
- 6. Main valve port
- 7. Valve body

Technical parameters

Working pressure: 0.035MPa ~ 0.8MPa

Working: Clean air

Voltage: AC220V/230V/240V/110V/24V 50/60HZ 10.5VA DC24V/12V 18.5W

Ambient temperature: 0°C ~ 65°C

The lifetime: 1000000 or 3 years

Material

Valve body: Aluminum alloy

Pilot Components: IJ117

Diaphragm: NBR

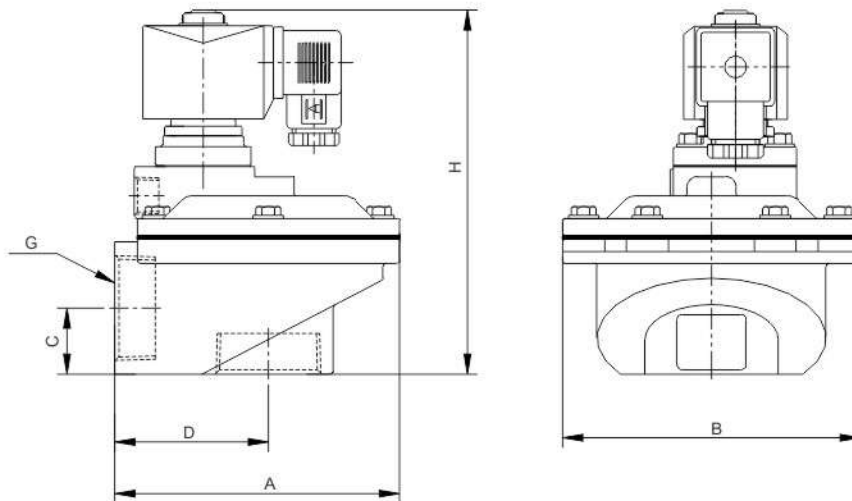
Spring: SS302

Fastener: SS304

Sanlixin Solenoid Valve

DMF-Z right angle type latching solenoid valve

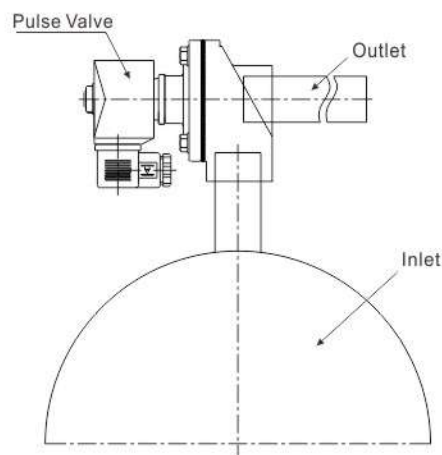
Structure Size



Model	A	B	C	D	G	H
DMF-Z-20	89	75	21	51	G3/4	123
DMF-Z-25	89	75	21	51	G1"	123
DMF-Z-40S	132	132	30	71	1 1/2"	163
DMF-Z-50S	168	168	45	95	2"	206
DMF-Z-62S	168	168	45	95	2 1/2"	206

Installation method

Solenoid pulse valve input(IN) and air bag is connected to the metal the antput termind filter in connection with spray wind connection between thread fill in seal materialc teflon or seal pustes it's good to tighten the seal.





SBD-A timing of drainage solenoid valve

Use: Universal electronic drain valve in analog circuit solid match the solenoid valve, electronic timer implementation to the timing of condensed water from compressed air system auto emissions. Drying machine is widely used in filter separator gasholder dripping feet, compressed air system components, discharge time and interval time can be adjusted according to different needs

Characteristic:

- easy installation Automatic
- Time interval and discharge time can be adjusted with the test button
- Orifice size:3mm pressure:16bar
- Heat resistance level: H class Ip65
- Filter configuration ball valves, import and export into 90°

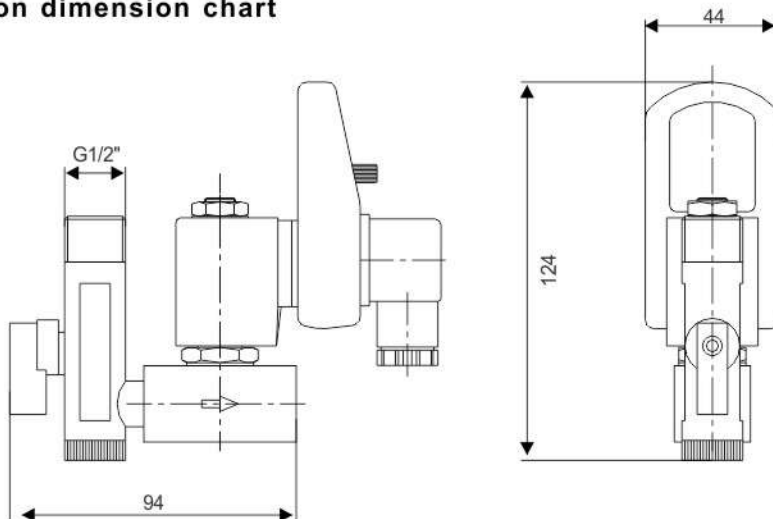


Technology Parameters:

TIMER	TIMER
Interval time (OFF)	0.5~45min
Discharge time (ON)	0.5 ~ 10sec
Voltage	24 ~ 240V AC/DC 50/60HZ
Power	22VA
Ambient temp	-10~+60°C
IP level	Ip65
Shell material	ABS
Connect	DIN43650A
Indicator light	Electric light

Solenoid valve	SBD-A
Type	2/2-Way direct acting
Pipe size	G1/4" 3/8" 1/2"
Working Pressure	0-16bar
Fluid temp	< 80°C
Orifice size	3mm
Body material	brass
Insulation level	H class
IP level	IP65
Voltage range	± 10%

Configuration dimension chart



Sanlixin Solenoid Valve

SBD-B timing of drainage solenoid valve

Use: Universal electronic drain valve in analog circuit solid match the solenoid valve, electronic timer implementation to the timing of condensed water from compressed air system auto emissions. Drying machine is widely used in filter separator gasholder dripping feet, compressed air system components, discharge time and interval time can be adjusted according to different needs

Characteristic:

- easy installation Automatic
- Time interval and discharge time can be adjusted with the test button
- Orifice size:3mm pressure:16bar
- Heat resistance level: H class Ip65
- Filter configuration ball valves, import and export into 180°C

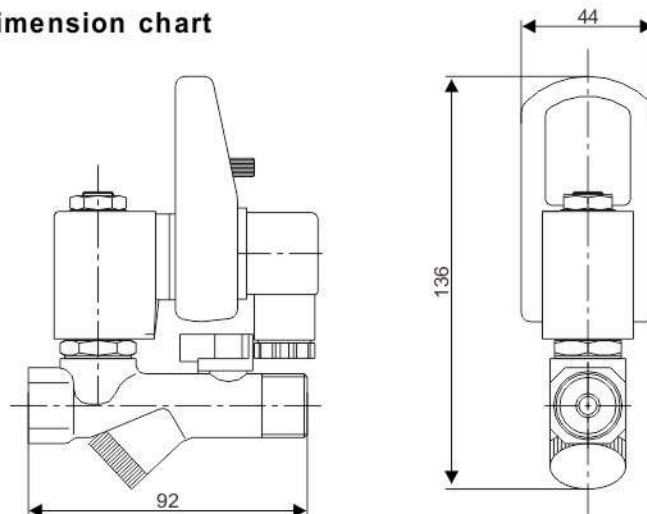


Technology Parameters:

TIMER	TIMER
Interval time (OFF)	0.5~45min
Discharge time (ON)	0.5 ~ 10sec
Voltage	24 ~ 240V AC/DC 50/60HZ
Power	22VA
Ambient temp	-10~+60°C
IP level	Ip65
Shell material	ABS
Connect	DIN43650A
Indicator light	Electric light

Solenoid valve	SBD-B
Type	2/2-Way direct acting
Pipe size	G1/2"
Working Pressure	0-16bar
Fluid temp	< 80°C
Orifice size	3mm
Body material	brass
Insulation level	H class
IP level	IP65
Voltage range	± 10%

Configuration dimension chart



ZXF 2/2-way solenoid axial valve · normally closed

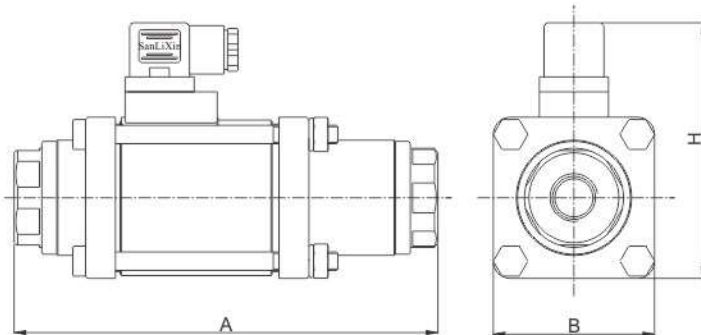
- 1: 2/2 way normally closed , closed when de-energized open , open when energized
- 2: Working pressure : 0 ~64 kgf/cm²
- 3: Ambient temp : 0~65 °C
- 4: Flow as the arrow ,mounts in any position ; best position is solenoid vertical and upright direction
- 5: Voltage : AC220V 50HZ DC24V +10%~-10%
- 6: Seals : PU
- 7: Body: Forged Brass、Stainless steel



Solenoid Axial Valve Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
ZXF	1	A	H	02	P	1	D	16	<input type="checkbox"/>
	1= Normally Closed	A=Metallic Housing DIN standard	H=HClass	02=AC220V 13=DC24V	P=PU E=EPDM V=VITON	1=Forged Brass 4=SS304	D=1/2" E=3/4" G=1"	16=16.0 17=17.0 25=25.0	L= Neon Lamp N=NPT

Configuration dimension chart



Φmm	G	A	B	H
16	3/8	184	70	112
16	1/2	184	70	112
17	3/4	215	80	122
25	1	246	90	132

Valve Selection List

Pipe Size	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Coil Type	Coil Class	Power		Max. Fluids Temp °C	Model Code		Weight KG	
			Min.	Max.		AC 220V			DC 24V	220VAC Seal:PU					
				Air						Opposite pressure		Brass	Stainless steel		
				AC	DC					AC					DC
3/8"	16	5.5	0	64	64	16	16	A	H	50	50	120	ZXF1AH02P1C16	ZXF1AH02P4C16	3.5
1/2"	16	5.5	0	64	64	16	16	A	H	50	50	120	ZXF1AH02P1D16	ZXF1AH02P4D16	3.45
3/4"	17	7.5	0	64	64	16	16	A	H	57	57	120	ZXF1AH02P1E17	ZXF1AH02P4E17	5.3
1"	25	13	0	64	64	16	16	A	H	77	77	120	ZXF1AH02P1G25	ZXF1AH02P4G25	7.8

Sanlixin Solenoid Valve

ZXFV 3/2-way solenoid axial valve · normally closed

3/2-way solenoid axial valve, Pressure balanced, with spring return, cross conversion

Working pressure: 0~40kgf/cm²

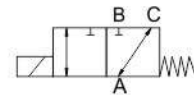
Ambient temp: 0°C~65°C

Voltage: AC220V/50HZ DC24V +10%~-10%

Seals: Viton

Body: Forged Brass

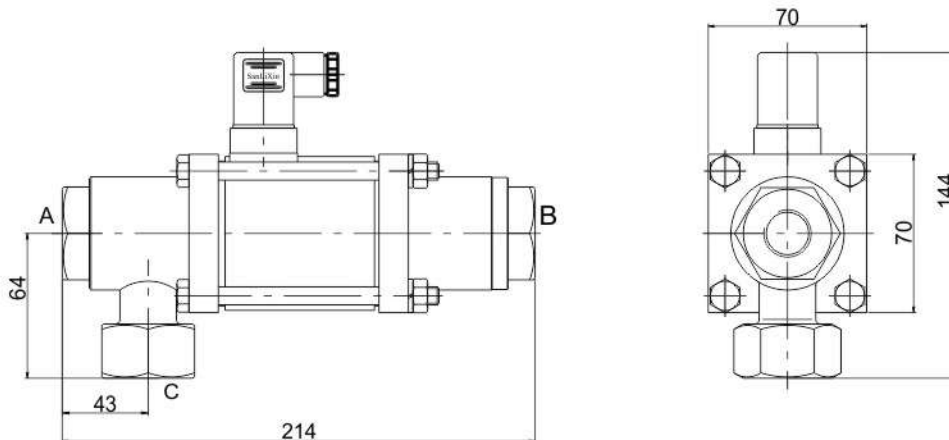
The valve adopts pressure balance design, zero pressure start, and no minimum pressure difference is required; The back pressure is tightly sealed without any leakage; Compact structure, can be applied to the treatment of highly viscous and highly polluting media.



Solenoid Axial Valve Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coils Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice	Options
ZXFV	3	A	H	02	V	1	D	16	
	3=3 Way	A=Metallic Housing DIN standard	H=HClass	02=AC220V 13=DC24V	V=VITON E=EPDM	1=Forged Brass	C=3/8" D=1/2" E=3/4"	16=16.0	L= Neon Lamp N=NPT

Configuration dimension chart



Valve Selection List

Pipe Size	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Coil Type	Coil Class	Power		Max. Fluids Temp. °C	Model Code		Weight KG
			Min.	Max.				VA	W		220VAC	Forged Brass	
				A→B	A→C								
3/8"	16	5.5	0	40	40	16	A	H	50	50	120	ZXFV3AH02V1C16	4.0
1/2"	16	5.5	0	40	40	16	A	H	50	50	120	ZXFV3AH02V1D16	
3/4"	16	5.5	0	40	40	16	A	H	50	50	120	ZXFV3AH02V1E16	

SGH compact series 2/2-way direct acting solenoid valve · normally closed

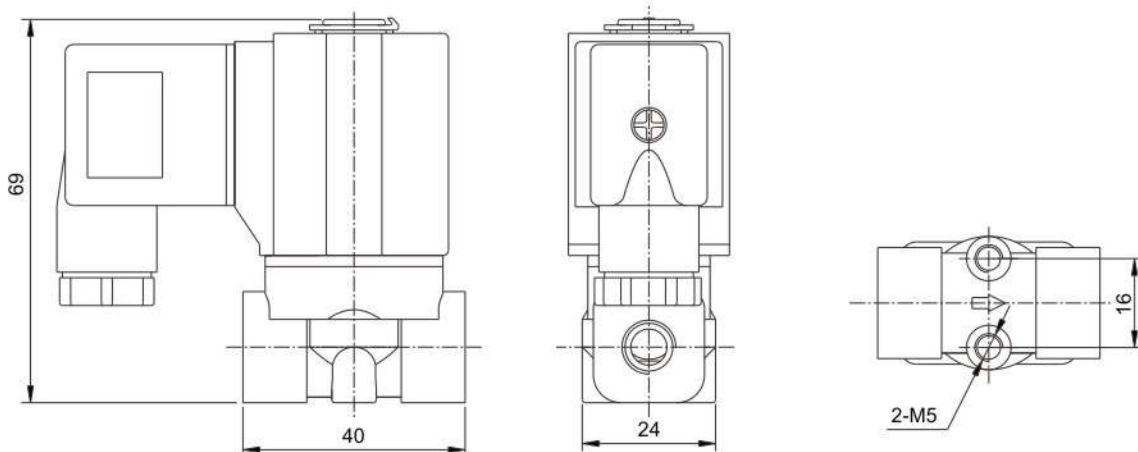
- 1:** 2-Way normally closed solenoid valve, Closed when de-energized, open when energized.
Serialized products, small in size, large flow rate, widely use
- 2:** Working pressure: 0~20kgf/cm²
- 3:** Body material: brass
- 4:** Ambient Temp. 0°C~65°C
- 5:** Voltage: AC220V/50Hz DC24V -10%~+10% Voltage Tolerance
- 6:** This series valves are offered NBR、VITON、EPDM etc
- 7:** Medium: gas、liquid<20cst
- 8:** Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.



Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SGH	1	D	F	02	N	1	E	20	<input type="checkbox"/>
		1: Normally Closed 2: Normally Open	D: DIN Standard Connections, Fully Encapsulated	F: F Class	02= AC220V 13= DC24V	N= NBR E= EPDM V= VITON	1= Forged Brass	A= G1/8" B= G1/4"	C2=1.5 02=2.0 03=3.0 04=4.0	L= Neon lamp N= NPT thread

Construction, External Dimensions Chart



Sanlixin Solenoid Valve

SGH compact series 2/2-way direct acting solenoid valve · normally closed

Valve Selection List

Pipe Size	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Coil Type	Coil Class	Max. Fluids Temp. °C	Power		Model Code Follows Voltage are 220VAC Seal material:NBR	Weight KG
			Min.	Max.									VA AC 220V	W DC 24V		
				Air Gas		Water Liquids		Light oil ≤20CST								
				AC	DC	AC	DC	AC	DC							
1/8"	1.5	0.1	0	20	20	20	20	20	20	D	F	80	15	9	SGH1DF02N1AC2	0.31
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02E1AC2	0.31
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02V1AC2	0.31
	2.0	0.18	0	20	20	20	20	20	20	D	F	80	15	9	SGH1DF02N1A02	0.31
	2.0	0.18	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02E1A02	0.31
	2.0	0.18	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02V1A02	0.31
	3.0	0.33	0	10	7	10	7	10	7	D	F	80	15	9	SGH1DF02N1A03	0.31
	3.0	0.33	0	10	7	10	7	10	7	D	F	120	15	9	SGH1DF02E1A03	0.31
	3.0	0.33	0	10	7	10	7	10	7	D	F	120	15	9	SGH1DF02V1A03	0.31
	4.0	0.55	0	6	4	6	4	6	4	D	F	80	15	9	SGH1DF02N1A04	0.31
	4.0	0.55	0	6	4	6	4	6	4	D	F	120	15	9	SGH1DF02E1A04	0.31
4.0	0.55	0	6	4	6	4	6	4	D	F	120	15	9	SGH1DF02V1A04	0.31	
1/4"	1.5	0.1	0	20	20	20	20	20	20	D	F	80	15	9	SGH1DF02N1BC2	0.3
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02E1BC2	0.3
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02V1BC2	0.3
	2.0	0.18	0	20	20	20	20	20	20	D	F	80	15	9	SGH1DF02N1B02	0.3
	2.0	0.18	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02E1B02	0.3
	2.0	0.18	0	20	20	20	20	20	20	D	F	120	15	9	SGH1DF02V1B02	0.3
	3.0	0.33	0	10	7	10	7	10	7	D	F	80	15	9	SGH1DF02N1B03	0.3
	3.0	0.33	0	10	7	10	7	10	7	D	F	120	15	9	SGH1DF02E1B03	0.3
	3.0	0.33	0	10	7	10	7	10	7	D	F	120	15	9	SGH1DF02V1B03	0.3
	4.0	0.55	0	6	4	6	4	6	4	D	F	80	15	9	SGH1DF02N1B04	0.3
	4.0	0.55	0	6	4	6	4	6	4	D	F	120	15	9	SGH1DF02E1B04	0.3
4.0	0.55	0	6	4	6	4	6	4	D	F	120	15	9	SGH1DF02V1B04	0.3	



CE RoHS



SGH compact series 2/2-way direct acting solenoid valve · normally open

1: 2-Way normally open solenoid valve, Open when de-energized, Closed when energized.

Serialized products, small in size, large flow rate, widely use

2: Working pressure: 0~20kgf/cm²

3: Body material: brass

4: Ambient Temp. 0°C~65°C

5: Voltage: AC220V/50Hz DC24V -10%~+10% Voltage Tolerance

6: This series valves are offered NBR、VITON、EPDM etc

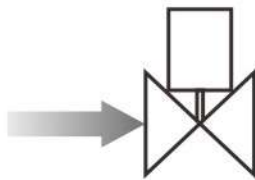
7: Medium: gas、liquid<20cst

8: Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.



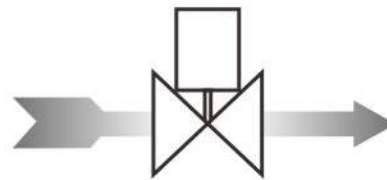
Normally Open

De-energized
Open

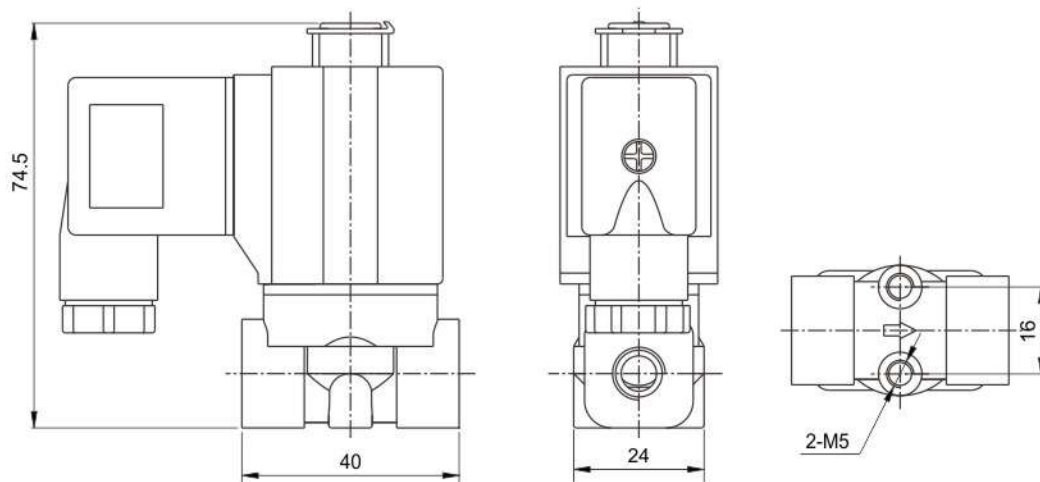


Energized

Closed



Construction, External Dimensions Chart



Sanlixin Solenoid Valve

SGH compact series 2/2-way direct acting solenoid valve • normally open

Valve Selection List

Pipe Size	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)							Coil Type	Coil Class	Max. Fluids Temp. °C	Power		Model Code Follows Voltage are 220VAC Seal material:NBR	Weight KG
			Min.	Max.									VA AC 220V	W DC 24V		
				Air Gas		Water Liquids		Light oil ≤20CST								
				AC	DC	AC	DC	AC	DC				Forged Brass			
1/8"	1.5	0.1	0	20	20	20	20	20	20	D	F	80	15	9	SGH2DF02N1AC2	0.32
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH2DF02E1AC2	0.32
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH2DF02V1AC2	0.32
	2.0	0.18	0	15	15	15	15	15	15	D	F	80	15	9	SGH2DF02N1A02	0.32
	2.0	0.18	0	15	15	15	15	15	15	D	F	120	15	9	SGH2DF02E1A02	0.32
	2.0	0.18	0	15	15	15	15	15	15	D	F	120	15	9	SGH2DF02V1A02	0.32
	3.0	0.33	0	7	7	7	7	7	7	D	F	80	15	9	SGH2DF02N1A03	0.32
	3.0	0.33	0	7	7	7	7	7	7	D	F	120	15	9	SGH2DF02E1A03	0.32
	3.0	0.33	0	7	7	7	7	7	7	D	F	120	15	9	SGH2DF02V1A03	0.32
	4.0	0.55	0	4	4	4	4	4	4	D	F	80	15	9	SGH2DF02N1A04	0.32
	4.0	0.55	0	4	4	4	4	4	4	D	F	120	15	9	SGH2DF02E1A04	0.32
1/4"	1.5	0.1	0	20	20	20	20	20	20	D	F	80	15	9	SGH2DF02N1BC2	0.31
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH2DF02E1BC2	0.31
	1.5	0.1	0	20	20	20	20	20	20	D	F	120	15	9	SGH2DF02V1BC2	0.31
	2.0	0.18	0	15	15	15	15	15	15	D	F	80	15	9	SGH2DF02N1B02	0.31
	2.0	0.18	0	15	15	15	15	15	15	D	F	120	15	9	SGH2DF02E1B02	0.31
	2.0	0.18	0	15	15	15	15	15	15	D	F	120	15	9	SGH2DF02V1B02	0.31
	3.0	0.33	0	7	7	7	7	7	7	D	F	80	15	9	SGH2DF02N1B03	0.31
	3.0	0.33	0	7	7	7	7	7	7	D	F	120	15	9	SGH2DF02E1B03	0.31
	3.0	0.33	0	7	7	7	7	7	7	D	F	120	15	9	SGH2DF02V1B03	0.31
	4.0	0.55	0	4	4	4	4	4	4	D	F	80	15	9	SGH2DF02N1B04	0.31
	4.0	0.55	0	4	4	4	4	4	4	D	F	120	15	9	SGH2DF02E1B04	0.31
4.0	0.55	0	4	4	4	4	4	4	D	F	120	15	9	SGH2DF02V1B04	0.31	

SLK plastic series 2/2-way irrigation solenoid valve normally closed

This 2/2-way normally closed type valve is one of the most widely used in garden irrigation solenoid valve. Widely used in the landscape of large area lawn, stadium, agriculture in water treatment equipment.

- 1: Pilot operated diaphragm structure, body material is NYLON
- 2: Double filtration, prevent block the valve
- 3: Waterproof coil
- 4: Close slowly, Prevent water hammer
- 5: Manual function (Coil turn around 3/4) Fluid medium: water

Medium temperature: 0~42°C ambient temperature: 0~52°C
 Connect: BSPT 1/2"~4", Flange connection

Coil voltage: AC24V、AC220V、AC110V 50/60HZ, 10VA ;
 DC24V 5W

Latching coil: DC6V~DC20V

Material: Body-NYLON

Seal-NBR

plunger-430F

spring-SS304

divided magnetic ring-purple copper



Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLK	1	N	F	05	N	7	E	25	
		1= Normally Closed	N= Wire water proof coil B= Latching coil	F= F Class	02=AC220V 01=AC110V 05=AC24V 12=DC12V 13=DC24V 09=DC9~20V	N=NBR E=EPDM	7= Plastic	D=1/2" E=3/4" G=1" H=1-1/4" J=1-1/2" K=2" L=2-1/2" M=3" N=4"	15=15.0 25=25.0 35=35.0 40=40.0 50=50.0 80=80.0 100=100.0	Y=Y type M=Control the flow
								F=Flange connection	80=80.0 100=100.0	

Sanlixin Solenoid Valve

SLK plastic series 2/2-way irrigation solenoid valve normally closed

Valve Selection List

Pipe Size	Orifice mm	Operating pressure differential (kgf/cm ²)		Coil power		External Dimensions			Model Code AC24V	Weight (KG)
		Min.	Max.	AC(VA)	DC(W)	L	B	H		
1/2"	15	1	10	3.2	3.6	68	40	100	SLK1NF05N7D15M	0.25
3/4"	25	1	10	6.7	3.6	112	82	120	SLK1NF05N7E25	0.38
	25	1	10	3.2	3.6	112	83	120	SLK1NF05N7E25M	0.4
1"	25	1	10	6.7	3.6	112	82	120	SLK1NF05N7G25	0.39
	25	1	10	3.2	3.6	112	83	120	SLK1NF05N7G25M	0.4
1-1/4"	35	1	10	3.2	3.6	135	95	165	SLK1NF05N7H35M	0.83
1-1/2"	40	1	10	6.7	3.6	167	90	165	SLK1NF05N7J40	0.95
2"	50	1	10	6.7	3.6	196	122	250	SLK1NF05N7K50	1.70
	50	1	10	3.2	3.6	235	135	220	SLK1NF05N7K50Y	1.36
2-1/2"	65	1	10	3.2	3.6	250	135	220	SLK1NF05N7L65Y	1.46
3"	80	1	10	6.7	3.6	308	160	255	SLK1NF05N7M80	2.65
	80	1	10	3.2	3.6	298	140	195	SLK1NF05N7M80Y	1.65
4"	100	1	10	6.7	3.6	412	238	335	SLK1NF05N7N100	6.9
Flange connection	80	1	10	6.7	3.6	315	160	255	SLK1NF05N7F80	3.95
	80	1	10	3.2	3.6	298	140	195	SLK1NF05N7F80Y	4.9
	100	1	10	6.7	3.6	428	238	335	SLK1NF05N7F100	8.0

SLK Series Coils Characteristics List

Specification	Voltage	Power consumption	Electric current mA		Coil impedance 20°C
			Inrush	Holding	
AC	AC24V	6.7VA	410	280	30 Ω
	AC110V	3VA	72	49	840 Ω
	AC220	3VA	37	25	2730 Ω
DC	DC9V	3.6W	560	400	24 Ω
	DC12V	3.6W	420	300	41 Ω
	DC24V	3.6W	252	180	130 Ω
DC pulse coil	9-20VDC	Capacitance: 4700u Coil resistance: 6 Ω Coil inductance: 12mH PWM: 20-500mSec Working model: +Red/-Black Valve open -Red/+Black Valve closed			



SLY 2/2-way solenoid valve • normally open

2-Way normally open solenoid valve, Open when de-energized, Closed when energized.
Serialized products, small in size, large flow rate, widely use

- 1: Voltage: AC220V/50Hz DC24V
- 2: Working pressure: 0~30bar
- 3: Orifice: $\Phi 1.0-\Phi 2.5\text{mm}$
- 4: Fluids Temp: 0-120°C
- 5: Body material: brass SS
- 6: This series valves are offered NBR、VITON、EPDM



Construction, External Dimensions Chart

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	connect size	Orifice (mm)	Options
SLY	2	D	F	02	N	1	A	C2	
	2= Normally open	D: DIN Standard Connections, Fully Encapsulated S= NASS Coil	F=F Class H=H Class	02= AC220V 01= AC110V 13= DC24V	N= NBR E= EPDM V= VITON	1= brass 3= SS304	A= G1/8" B= G1/4"	01=1.0 C1=1.2 C2=1.5 02=2.0 C3=2.5	A= Thread in body B= Thread out body N=NPT

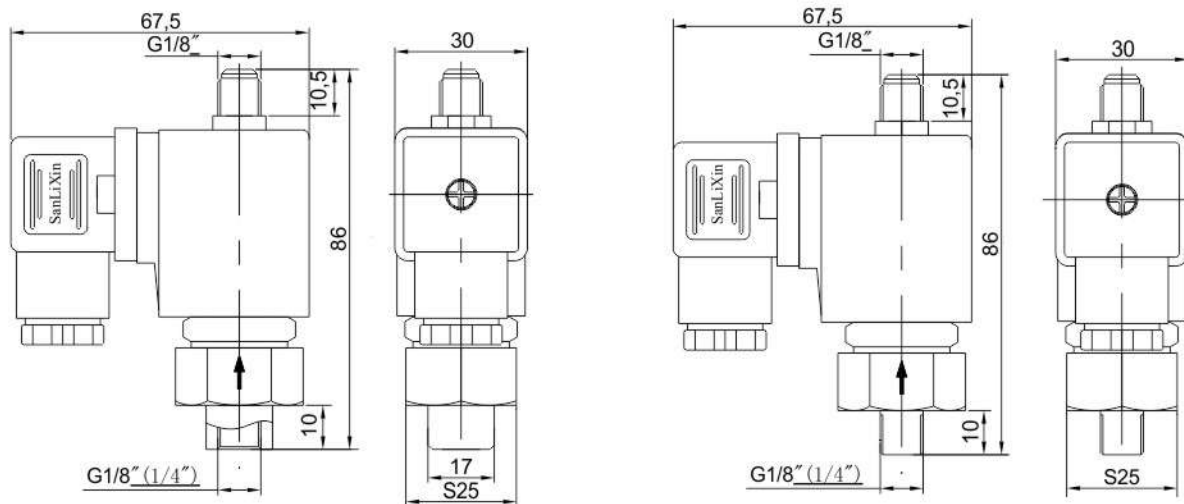
Sanlixin Solenoid Valve

SLY 2/2-way solenoid valve • normally open

Valve Selection List

Connect	Orifice mm	Operating pressure differential (Bar)			Coil Type	Coil power		Coil Class	Model Code Follows Voltage AC220V/50Hz	Weight kg
		Min.	Max.			VA	W			
			Air	Water		AC220V	DC24V			
G1/8	Φ1.0	0	30	30	D	22	13	F	SLY2DF02N1A01	0.25
G1/8	Φ1.2	0	30	30	D	22	13	F	SLY2DF02N1AC1	0.25
G1/8	Φ1.5	0	30	30	D	22	13	F	SLY2DF02N1AC2	0.25
G1/8	Φ2.0	0	13	10	D	22	13	F	SLY2DF02N1A02	0.25
G1/8	Φ2.5	0	11	8	D	22	13	F	SLY2DF02N1AC3	0.25

External Dimensions Chart





SLQF 2/2-way solenoid valve

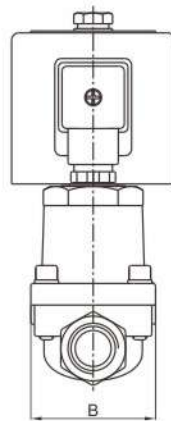
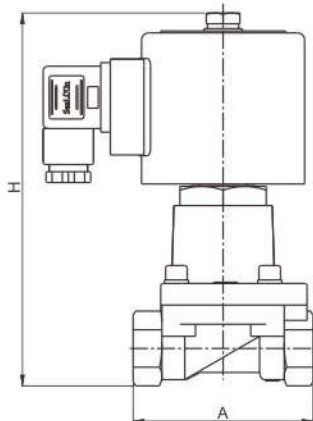
- 1:** 2-Way normally closed solenoid valve; Closed when de-energized, open when energized.
- 2:** Ambient Temp. 0°C~65°C
- 3:** Serialized products, small in size, large flow rate, widely use.
- 4:** Flow as the arrow, mounts in any position; Best position is Solenoid vertical and upright direction.
- 5:** Voltage: AC/DC 24~220V,
- 6:** Seal material: NBR VITON EPDM TEFLON to provide on-off control of various fluid.



Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
E.G.	SLQF	1	A	H	02	T	1	D	15	
	SLQF Series	1: Normally Closed	A: Metallic Housing, DIN Standard	F:F Class H:H Class	02= AC220V 13= DC24V 07= 24~220V AC/DC Contact the company for other voltage	N=NBR V=VITON E=EPDM T=PTFE	1=Forged Brass 4=SS304	C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2"	15=15.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0	L: Neon Lamp N: NPT Connection P: PT R: RC

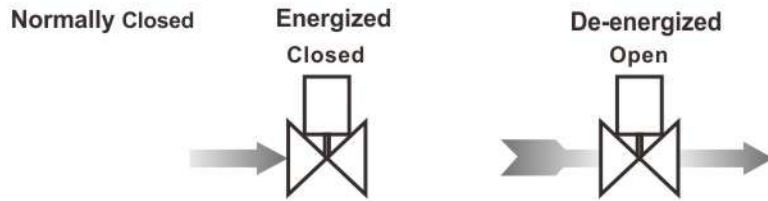
External Dimensions Chart



Orifice (mm)	A	B	C
15	75	52	156
20	85	60	176
25	100	69	187
40	130	92	203
50	150	110	210

Sanlixin Solenoid Valve

SLQF 2/2-way solenoid valve



Valve Selection List

Pipe Conn- ection	Orifice (mm)	CV Factor	Operating pressure differential (kgf/cm ²)								Coil Type	Coil Class	Max. Fluids Temp. °C	Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ		Weight (KG)	
			Min.	Max.										VA AC 220V	W DC 24V	Brass	Stainless steel		
				Air	Gas	Water Liquids		Light oil ≤20CST		Steam									
				AC	DC	AC	DC	AC	DC	AC/ DC									
3/8"	15	4.2	0	16	16	16	16	16	16		A	F	80	20	20	SLQF1AF02N1C15	SLQF1AF02N4C15	1.55	
	15	4.2	0	16	16	16	16	16	16		A	F	130	20	20	SLQF1AF02E1C15	SLQF1AF02E4C15	1.55	
	15	4.2	0	16	16	16	16	16	16		A	F	110	20	20	SLQF1AF02V1C15	SLQF1AF02V4C15	1.55	
	15	4.2	0	16	16	16	16	16	16	16	A	H	200	20	20	SLQF1AH02T1C15	SLQF1AH02T4C15	1.95	
1/2"	15	4.5	0	16	16	16	16	16	16		A	F	80	20	20	SLQF1AF02N1D15	SLQF1AF02N4D15	1.5	
	15	4.5	0	16	16	16	16	16	16		A	F	130	20	20	SLQF1AF02E1D15	SLQF1AF02E4D15	1.5	
	15	4.5	0	16	16	16	16	16	16		A	F	110	20	20	SLQF1AF02V1D15	SLQF1AF02V4D15	1.5	
	15	4.5	0	16	16	16	16	16	16	16	A	H	200	20	20	SLQF1AH02T1D15	SLQF1AH02T4D15	1.5	
3/4"	20	9.0	0	16	16	16	16	16	16		A	F	80	20	20	SLQF1AF02N1E20	SLQF1AF02N4E20	1.9	
	20	9.0	0	16	16	16	16	16	16		A	F	130	20	20	SLQF1AF02E1E20	SLQF1AF02E4E20	1.9	
	20	9.0	0	16	16	16	16	16	16		A	F	110	20	20	SLQF1AF02V1E20	SLQF1AF02V4E20	1.9	
	20	9.0	0	16	16	16	16	16	16	16	A	H	200	20	20	SLQF1AH02T1E20	SLQF1AH02T4E25	1.9	
1"	25	13	0	16	16	16	16	16	16		A	F	80	20	20	SLQF1AF02N1G25	SLQF1AF02N4G25	2.4	
	25	13	0	16	16	16	16	16	16		A	F	130	20	20	SLQF1AF02E1G25	SLQF1AF02E4G25	2.4	
	25	13	0	16	16	16	16	16	16		A	F	110	20	20	SLQF1AF02V1G25	SLQF1AF02V4G25	2.4	
	25	13	0	16	16	16	16	16	16	16	A	H	200	20	20	SLQF1AH02T1G25	SLQF1AH02T4G25	2.4	
1 1/4"	40	26	0	16	16	16	16	16	16		A	F	80	33	40	SLQF1AF02N1H40	SLQF1AF02N4H40	4.2	
	40	26	0	16	16	16	16	16	16		A	F	130	33	40	SLQF1AF02E1H40	SLQF1AF02E4H40	4.2	
	40	26	0	16	16	16	16	16	16		A	F	110	33	40	SLQF1AF02V1H40	SLQF1AF02V4H40	4.2	
	40	26	0	16	16	16	16	16	16	16	A	H	200	33	40	SLQF1AH02T1H40	SLQF1AH02T4H40	4.1	
1 1/2"	40	29	0	16	16	16	16	16	16		A	F	80	33	40	SLQF1AH02N1J40	SLQF1AH02N4J40	4.1	
	40	29	0	16	16	16	16	16	16		A	F	130	33	40	SLQF1AH02E1J40	SLQF1AH02E4J40	4.1	
	40	29	0	16	16	16	16	16	16		A	F	110	33	40	SLQF1AH02V1J40	SLQF1AH02V4J40	4.1	
	40	29	0	16	16	16	16	16	16	16	A	H	200	33	40	SLQF1AH02T1J40	SLQF1AH02T4J40	4.0	
2"	45	45	0	16	16	16	16	16	16		A	F	80	33	40	SLQF1AH02N1K50	SLQF1AH02N4K50	4.1	
	45	45	0	16	16	16	16	16	16		A	F	130	33	40	SLQF1AH02E1K50	SLQF1AH02E4K50	4.1	
	45	45	0	16	16	16	16	16	16		A	F	110	33	40	SLQF1AH02V1K50	SLQF1AH02V4K50	4.1	
	45	45	0	16	16	16	16	16	16	16	A	H	200	33	40	SLQF1AH02T1K50	SLQF1AH02T4K50	4.0	

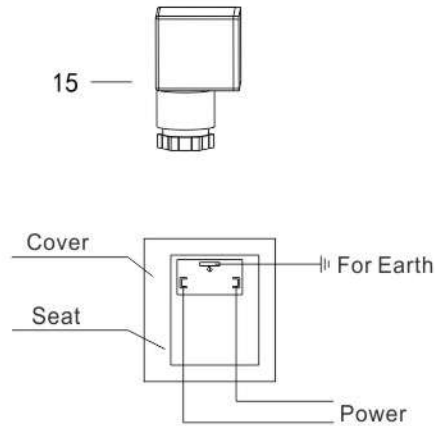
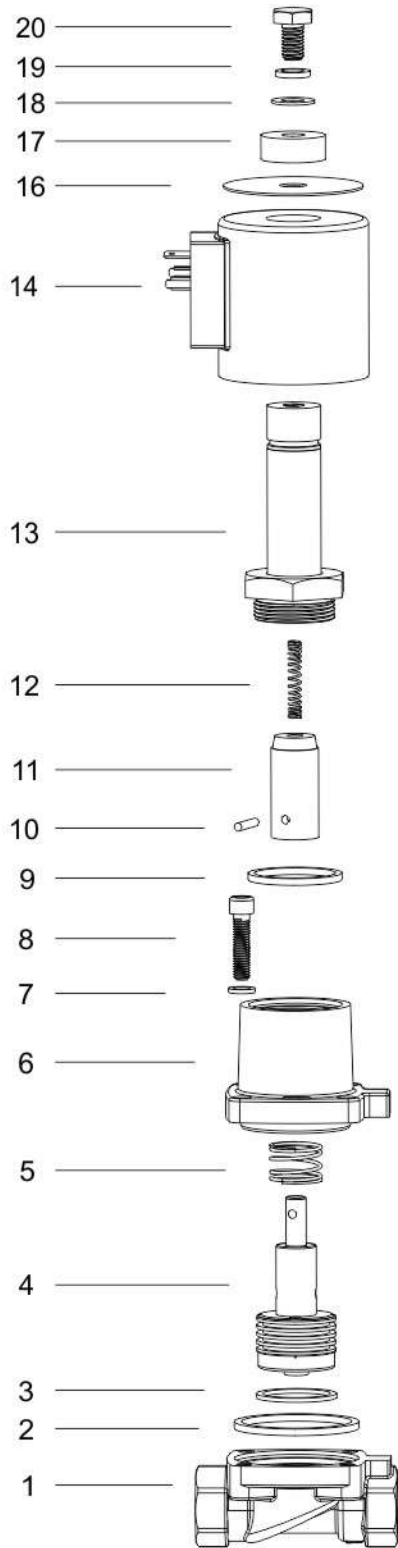


CE RoHS



SLQF 2/2-way solenoid valve

Components Chart



Electric wiring chart

Code	Components
1	Valve Body
2	Body Seals Ring
3	Piston Ring
4	Piston Assembly
5	Piston Spring
6	Valve Cover
7	Spring washer
8	Bolts
9	Plunger Tube Seal Ring
10	Nut
11	Plunger Assembly
12	Spring
13	Plunger Tube Assembly
14	Coil
15	Connector
16	Label
17	Nut
18	Plate
19	Spring washer
20	Lock Nut

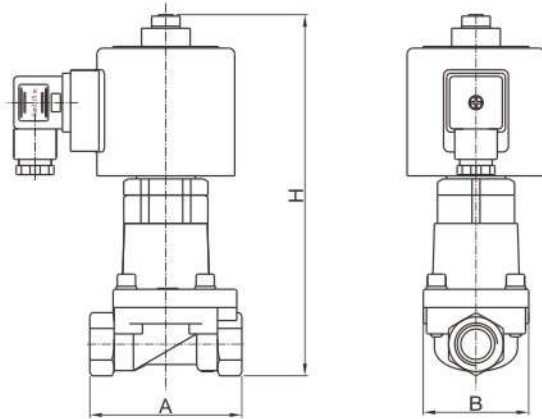
Sanlixin Solenoid Valve

SLQF 2/2-way solenoid valve • normally open

- 1:** 2-Way normally open solenoid valve; Open when de-energized, closed when energized.
- 2:** Serialized products, high flow rate, widely use
- 3:** Ambient Temp. : 0°C~65°C
- 4:** Voltage: AC220V、DC24V, AC/DC 24 ~ 220V
- 5:** Coil Class: F class, H class
- 6:** Seal material: NBR VITON EPDM TEFLON to provide on-off control of various fluid.
- 7:** Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.



External Dimensions Chart



	A	B	H
15	75	52	177
20	85	60	195
25	100	69	206

Valve Selection List

Pipe Conn- ection	Orifice (mm)	CV Factor	Operating pressure differential (kgf/cm ²)								Coil Type	Coil Class	Max. Fluids Temp °C	Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ		Weight (KG)
			Min.	Max.				Steam AC/ DC	VA 220V	W 24V				Brass	Stainless steel			
				Air Gas	Water Liquids	Light oil ≤20CST	AC									DC		
3/8"	15	4.2	0	16	16	16	16	16	16		A	F	80	20	20	SLQF2AF02N1C15	SLQF2AF02N4C15	1.7
	15	4.2	0	16	16	16	16	16	16		A	F	130	20	20	SLQF2AF02E1C15	SLQF2AF02E4C15	1.7
	15	4.2	0	16	16	16	16	16	16	16	A	F	110	20	20	SLQF2AF02V1C15	SLQF2AF02V4C15	1.7
	15	4.2	0	16	16	16	16	16	16		A	H	200	20	20	SLQF2AH02T1C15	SLQF2AH02T4C15	1.7
1/2"	15	4.5	0	16	16	16	16	16	16		A	F	80	20	20	SLQF2AF02N1D15	SLQF2AF02N4D15	1.8
	15	4.5	0	16	16	16	16	16	16	16	A	F	130	20	20	SLQF2AF02E1D15	SLQF2AF02E4D15	1.8
	15	4.5	0	16	16	16	16	16	16		A	F	110	20	20	SLQF2AF02V1D15	SLQF2AF02V4D15	1.8
	15	4.5	0	16	16	16	16	16	16		A	H	200	20	20	SLQF2AH02T1D15	SLQF2AH02T4D15	1.8



SLQF 2/2-way solenoid valve • normally open

Valve Selection List

Pipe Conn- ection	Orifice (mm)	CV Factor	Operating pressure differential (kgf/cm ²)								Coil Type	Coil Class	Max. Fluids Temp. °C	Power consumption		Model Code Follows Voltage are 220VAC 50/60HZ		Weight (KG)
			Min.	Max.										AC/DC	AC 220V			
				Air Gas		Water Liquids		Light oil ≤20CST		Steam								
				AC	DC	AC	DC	AC	DC							DC		
3/4"	20	9.0	0	16	16	16	16	16	16		A	F	80	20	20	SLQF2AF02N1E20	SLQF2AF02N4E20	2.1
	20	9.0	0	16	16	16	16	16	16		A	F	130	20	20	SLQF2AF02E1E20	SLQF2AF02E4E20	2.1
	20	9.0	0	16	16	16	16	16	16	16	A	F	110	20	20	SLQF2AF02V1E20	SLQF2AF02V4E20	2.1
	20	9.0	0	16	16	16	16	16	16		A	H	200	20	20	SLQF2AH02T1E20	SLQF2AH02T4E25	2.1
1"	25	13	0	16	16	16	16	16	16		A	F	80	20	20	SLQF2AF02N1G25	SLQF2AF02N4G25	2.6
	25	13	0	16	16	16	16	16	16	16	A	F	130	20	20	SLQF2AF02E1G25	SLQF2AF02E4G25	2.6
	25	13	0	16	16	16	16	16	16		A	F	110	20	20	SLQF2AF02V1G25	SLQF2AF02V4G25	2.6
	25	13	0	16	16	16	16	16	16		A	H	200	20	20	SLQF2AH02T1G25	SLQF2AH02T4G25	2.6

Sanlixin Solenoid Valve

SBLF series gas station special solenoid valve

This valve special used for gas. oil station recycle.
Match GB3836 and GB3836.9 standard.

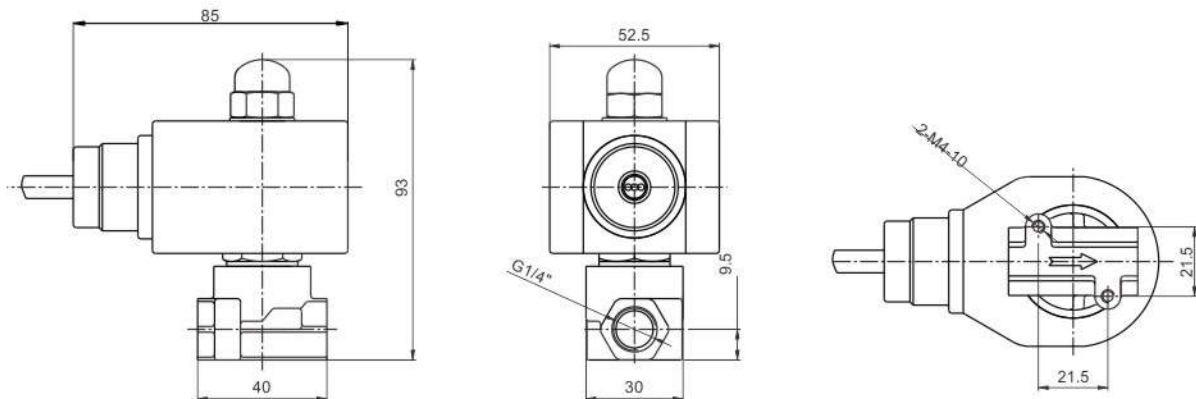
1. Body material: Brass
2. Voltage: 24VDC+10%
3. Ambient temperature: -40℃~+55℃
4. Pipe size: 1/8~1/4
5. Power: 8.2W
6. Surface High temperature: T4
7. Technical characteristics:
Late delay < 8% repeatability < 5% Sensitivity < 3%
8. Voltage range: 24VDC pulse width modulation (600 to 800Hz)
or PWM pulse width scheduling control.
9. Ex mb IIC T4 Gb



Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
E.G.	SBLF	1	X	F	13	V	1	B	C7	□
	SBLF Series	1: Normally Closed	X: Ex-proof coil	F: F Class	13=DC24V	V=VITON	1=Forged Brass	A=1/8 B=1/4	C7=5.5	L: Neon Lamp N: NPT Connection P: PT R: RC

External Dimensions Chart



Valve Selection List

Pipe Connection	Orifice (mm)	CV Factor	Operating pressure differential (kgf/cm ²)		Coil Type	Coil Class	Power consumption DC 24V	Max. Fluids Temp. °C	Model Code	Weight (KG)
			Min.	Max.					Brass	
1/8"	5.5	0.65	0	0.5	X	F	8.2	130	SBLF1XF13V1AC7	0.8
1/4"	5.5	0.65	0	0.5	X	F	8.2	130	SBLF1XF13V1BC7	0.8

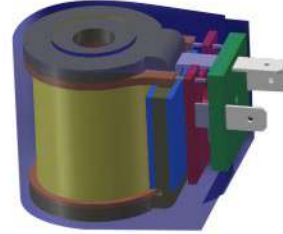


SM series solenoid valve

Low Power Strong Thrust Solenoid Valve

Characteristics of SM coil :

1. Power will be 1/4 of the original coil
2. Working long time will no get heat and long life cycle
3. Coil put tension enhanced 3 times faster response speed
4. Significantly lowering the controller power
5. Suit for super high pressure solenoid valve
No need larger power coil
6. Suitable for all kinds of AC/DC solenoid valve



Parameters of the solenoid valve with old type& new type coil

Point	Standard coil	New type coil
Orifice	3.00 mm	3.00 mm
Power consumption	12W/22VA	3W/4.5VA
Max working pressure	13bar	36bar
Coil temp.	≥80℃	≤50℃
Noise	AC maybe has the noise	AC no noise
coil life cycle	≤1,000,000	≥50,000,00

Sanlixin Solenoid Valve

SMS series 2/2-way direct acting solenoid valve-normally closed

Solenoid Valves Model Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SMS	1	M	F	02	N	1	B	05	<input type="checkbox"/>
	SMS	1: Normally Closed	M=SM Series Coil	F=F Class	02= AC220V AC230V 01= AC110V AC120V 13=DC24V 05=AC24V 12=DC12V	N=NBR V=VITON E=EPDM T=PTFE	1= Forged brass 3=SS316 1= Forged brass 4=SS304	A=1/8" B=1/4" C=3/8" D=1/2" C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2"	02=2.0 C3=2.5 03=3.0 04=4.0 05=5.0 06=6.0 C8=7.5 04=4.0 05=5.0 06=6.0 C8=7.5 16=16.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0 15=15.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0	L= Neon lamp K= Mounting Bracket N=NPT P=PT R=RC T=Timer



SMS Series 2/2-way Direct Acting Solenoid Valve-Normally Closed

1. 2/2-way normally closed direct acting solenoid valve, closed when de-energized, open when energized.
2. The product is special design, power will be normal type 1/4, low temperature, small in size, large flow rate, widely use.
3. Body material: Forged Brass, Stainless Steel
4. Ambient temp.: 0°C~65°C Fluids temp.: 0°C~130°C
5. Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
6. Voltage: AC 220V/230V/110V/24V DC 24V DC12V Voltage Tolerance: +10% to -10% applicable voltage
7. This series valve are offered NBR, VITON, EPDM etc for seals and diaphragm to provide on-off various fluids.

Normally Closed

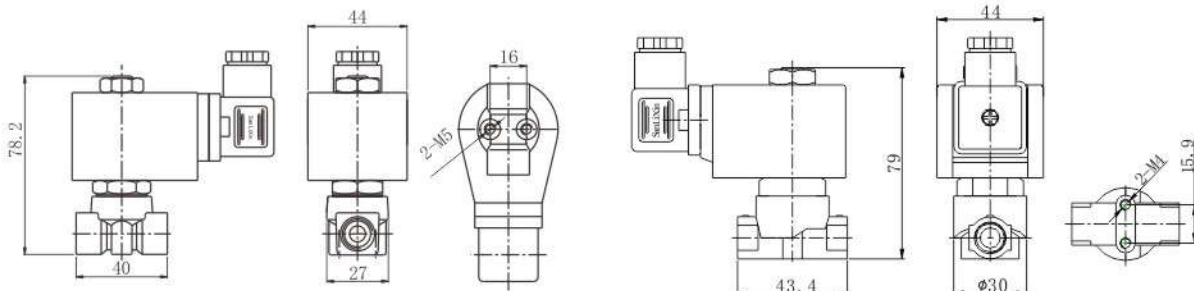
De-energized

Energized

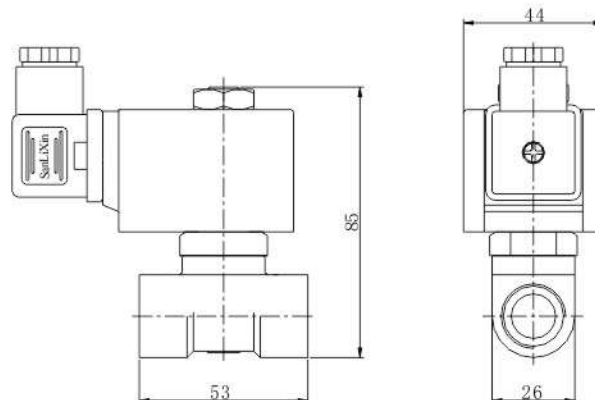


ø2, 2.5, 3.0 (1/8", 1/4")

ø4, 5, 6, 7.5 (1/8", 1/4")



ø4, 5, 6, 7.5 (3/8", 1/2")



Sanlixin Solenoid Valve

SMS series 2/2-way direct acting solenoid valve-normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Coil Type	Coil Class	Max. fluids Temp. °C	Model Code		Weight (KG)
			Min.	Max.						Follows Voltage are 220VAC						
				Air Gas		Water Hot water Liquids		Light oil ≤20CST		Forged Brass				Stainless Steel		
				AC	DC	AC	DC	AC	DC							
1/8"	2.0	0.14	0	120	120	120	120	120	120	M	F	80	SMS1MF02N1A02	SMS1MF02N3A02	0.48	
	2.0	0.14	0	120	120	120	120			M	F	130	SMS1MF02N1A02	SMS1MF02N3A02		
	2.0	0.14	0	120	120	120	120	120	120	M	F	120	SMS1MF02N1A02	SMS1MF02N3A02		
	2.5	0.23	0	80	80	80	80	80	80	M	F	80	SMS1MF02N1AC3	SMS1MF02N3AC3	0.48	
	2.5	0.23	0	80	80	80	80			M	F	130	SMS1MF02E1AC3	SMS1MF02E3AC3		
	2.5	0.23	0	80	80	80	80	80	80	M	F	120	SMS1MF02V1AC3	SMS1MF02V3AC3		
	3.0	0.25	0	65	65	65	65	65	65	M	F	80	SMS1MF02N1A03	SMS1MF02N3A03	0.48	
	3.0	0.25	0	65	65	65	65			M	F	130	SMS1MF02E1A03	SMS1MF02E3A03		
	3.0	0.25	0	65	65	65	65	65	65	M	F	120	SMS1MF02V1A03	SMS1MF02V3A03		
	4.0	0.6	0	45	35	45	35	45	35	M	F	80	SMS1MF02N1A04	SMS1MF02N3A04	0.49	
	4.0	0.6	0	45	35	45	35			M	F	130	SMS1MF02E1A04	SMS1MF02E3A04		
	4.0	0.6	0	45	35	45	35	45	35	M	F	120	SMS1MF02V1A04	SMS1MF02V3A04		
	5.0	0.65	0	24	16	24	16	24	16	M	F	80	SMS1MF02N1A05	SMS1MF02N3A05	0.49	
	5.0	0.65	0	24	16	24	16			M	F	130	SMS1MF02E1A05	SMS1MF02E3A05		
	5.0	0.65	0	24	16	24	16	24	16	M	F	120	SMS1MF02V1A05	SMS1MF02V3A05		
	6.0	0.8	0	16	12	16	12	16	12	M	F	80	SMS1MF02N1A06	SMS1MF02N3A06	0.49	
	6.0	0.8	0	16	12	16	12			M	F	130	SMS1MF02E1A06	SMS1MF02E3A06		
	6.0	0.8	0	16	12	16	12	16	12	M	F	120	SMS1MF02V1A06	SMS1MF02V3A06		
7.5	1.0	0	8	5	8	5	8	5	M	F	80	SMS1MF02N1AC8	SMS1MF02N3AC8	0.49		
7.5	1.0	0	8	5	8	5			M	F	130	SMS1MF02E1AC8	SMS1MF02E3AC8			
7.5	1.0	0	8	5	8	5	8	5	M	F	120	SMS1MF02V1AC8	SMS1MF02V3AC8			
1/4"	2.0	0.14	0	120	120	120	120	120	120	M	F	80	SMS1MF02N1B02	SMS1MF02N3B02	0.48	
	2.0	0.14	0	120	120	120	120			M	F	130	SMS1MF02N1B02	SMS1MF02N3B02		
	2.0	0.14	0	120	120	120	120	120	120	M	F	120	SMS1MF02N1B02	SMS1MF02N3B02		
	2.5	0.23	0	80	80	80	80	80	80	M	F	80	SMS1MF02N1BC3	SMS1MF02N3BC3	0.48	
	2.5	0.23	0	80	80	80	80			M	F	130	SMS1MF02E1BC3	SMS1MF02E3BC3		
	2.5	0.23	0	80	80	80	80	80	80	M	F	120	SMS1MF02V1BC3	SMS1MF02V3BC3		
	3.0	0.25	0	65	65	65	65	65	65	M	F	80	SMS1MF02N1B03	SMS1MF02N3B03	0.48	
	3.0	0.25	0	65	65	65	65			M	F	130	SMS1MF02E1B03	SMS1MF02E3B03		
	3.0	0.25	0	65	65	65	65	65	65	M	F	120	SMS1MF02V1B03	SMS1MF02V3B03		
	4.0	0.6	0	45	35	45	35	45	35	M	F	80	SMS1MF02N1B04	SMS1MF02N3B04	0.48	
	4.0	0.6	0	45	35	45	35			M	F	130	SMS1MF02E1B04	SMS1MF02E3B04		
	4.0	0.6	0	45	35	45	35	45	35	M	F	120	SMS1MF02V1B04	SMS1MF02V3B04		
	5.0	0.65	0	24	16	24	16	24	16	M	F	80	SMS1MF02N1B05	SMS1MF02N3B05	0.48	
	5.0	0.65	0	24	16	24	16			M	F	130	SMS1MF02E1B05	SMS1MF02E3B05		
	5.0	0.65	0	24	16	24	16	24	16	M	F	120	SMS1MF02V1B05	SMS1MF02V3B05		
	6.0	0.8	0	16	12	16	12	16	12	M	F	80	SMS1MF02N1B06	SMS1MF02N3B06	0.48	
	6.0	0.8	0	16	12	16	12			M	F	130	SMS1MF02E1B06	SMS1MF02E3B06		
	6.0	0.8	0	16	12	16	12	16	12	M	F	120	SMS1MF02V1B06	SMS1MF02V3B06		
7.5	1.0	0	8	5	8	5	8	5	M	F	80	SMS1MF02N1BC8	SMS1MF02N3BC8	0.48		
7.5	1.0	0	8	5	8	5			M	F	130	SMS1MF02E1BC8	SMS1MF02E3BC8			
7.5	1.0	0	8	5	8	5	8	5	M	F	120	SMS1MF02V1BC8	SMS1MF02V3BC8			



SMS series 2/2-way direct acting solenoid valve-normally closed



Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential(kgf/cm ²)								Coil Type	Coil Class	Max. fluids Temp. °C	Model Code		Weight Kg		
			Min.	Max.						Follows Voltage are 220VAC								
				Air Gas		Water Hot water Liquids		Light oil ≤20CST						Forged Brass	Stainless Steel			
				AC	DC	AC	DC	AC	DC									
3/8"	4.0	0.6	0	45	35	45	35	45	35	M	F	80	SMS1MF02N1C04	SMS1MF02N4C04	0.57			
	4.0	0.6	0	45	35	45	35			M	F	130	SMS1MF02E1C04	SMS1MF02E4C04				
	4.0	0.6	0	45	35	45	35	45	35	M	F	120	SMS1MF02V1C04	SMS1MF02V4C04				
	3/8"	5.0	0.65	0	24	16	24	16	24	16	M	F	80	SMS1MF02N1C05	SMS1MF02N4C05	0.58		
		5.0	0.65	0	24	16	24	16			M	F	130	SMS1MF02E1C05	SMS1MF02E4C05			
		5.0	0.65	0	24	16	24	16	24	16	M	F	120	SMS1MF02V1C05	SMS1MF02V4C05			
		3/8"	6.0	0.8	0	16	12	16	12	16	12	M	F	80	SMS1MF02N1C06	SMS1MF02N4C06	0.58	
			6.0	0.8	0	16	12	16	12			M	F	130	SMS1MF02E1C06	SMS1MF02E4C06		
			6.0	0.8	0	16	12	16	12	16	12	M	F	120	SMS1MF02V1C06	SMS1MF02V4C06		
			3/8"	7.5	1.0	0	8	5	8	5	8	5	M	F	80	SMS1MF02N1CC8	SMS1MF02N4CC8	0.58
				7.5	1.0	0	8	5	8	5			M	F	130	SMS1MF02E1CC8	SMS1MF02E4CC8	
7.5				1.0	0	8	5	8	5	8	5	M	F	120	SMS1MF02V1CC8	SMS1MF02V4CC8		
1/2"				4.0	0.6	0	45	35	45	35	45	35	M	F	80	SMS1MF02N1D04	SMS1MF02N4D04	0.57
				4.0	0.6	0	45	35	45	35			M	F	130	SMS1MF02E1D04	SMS1MF02E4D04	
	4.0			0.6	0	45	35	45	35	45	35	M	F	120	SMS1MF02V1D04	SMS1MF02V4D04		
	1/2"			5.0	0.65	0	24	16	24	16	24	16	M	F	80	SMS1MF02N1D05	SMS1MF02N4D05	0.57
				5.0	0.65	0	24	16	24	16			M	F	130	SMS1MF02E1D05	SMS1MF02E4D05	
		5.0		0.65	0	24	16	24	16	24	16	M	F	120	SMS1MF02V1D05	SMS1MF02V4D05		
		1/2"		6.0	0.8	0	16	12	16	12	16	12	M	F	80	SMS1MF02N1D06	SMS1MF02N4D06	0.57
				6.0	0.8	0	16	12	16	12			M	F	130	SMS1MF02E1D06	SMS1MF02E4D06	
			6.0	0.8	0	16	12	16	12	16	12	M	F	120	SMS1MF02V1D06	SMS1MF02V4D06		
			1/2"	7.5	1.0	0	8	5	8	5	8	5	M	F	80	SMS1MF02N1DC8	SMS1MF02N4DC8	0.57
				7.5	1.0	0	8	5	8	5			M	F	130	SMS1MF02E1DC8	SMS1MF02E4DC8	
7.5				1.0	0	8	5	8	5	8	5	M	F	120	SMS1MF02V1DC8	SMS1MF02V4DC8		
7.5				1.0	0	8	5	8	5	8	5	M	F	120	SMS1MF02V1DC8	SMS1MF02V4DC8		

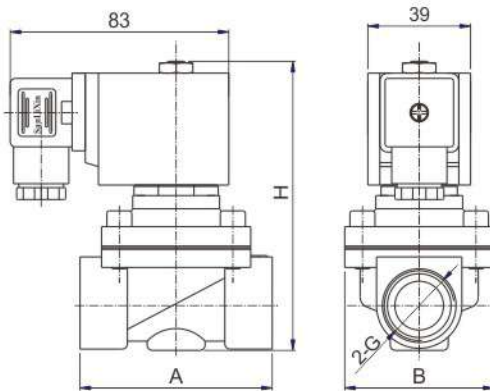
Sanlixin Solenoid Valve

SMS 2/2-way large diameter direct acting solenoid valve · normally closed

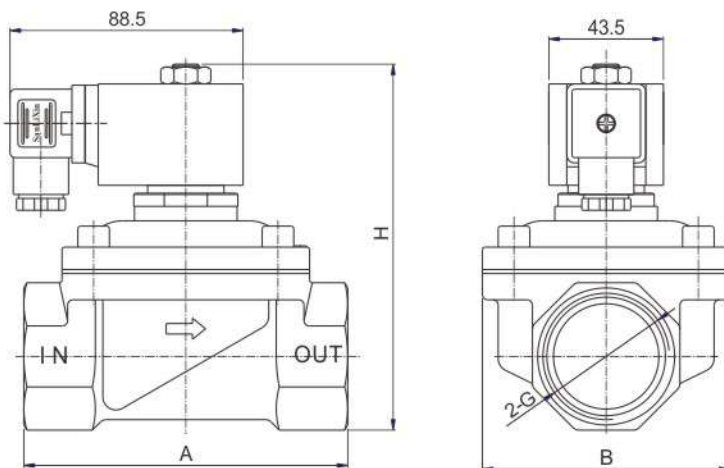
1. 2/2-way normally closed direct acting solenoid valve, closed when de-energized, open when energized.
2. The product is special design, power will be normal type 1/4, low temperature, small in size, large flow rate, widely use.
3. Body material: Forged Brass, Stainless Steel
4. Ambient temp.: 0°C~65°C Fluids temp.: 0°C~130°C
5. Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
6. Voltage: AC 220V/230V/110V/24V DC 24V DC12V
Voltage Tolerance: +10% to -10% applicable voltage
7. This series valve are offered NBR, VITON, EPDM etc for seals and diaphragm to provide on-off various fluids.



External Dimensions Chart



Orifice(mm)	G	A	B	H
16	3/8"	69	57	106
	1/2"	69	57	106
20	3/4"	73	57	114
	1"	80	62	117
25	1"	99	77	121



Orifice(mm)	G	A	B	H
32	1 1/4"	112	86.5	150
	1 1/2"	120	86.5	160
40	1 1/2"	123	94	160
	2"	130	94	175
50	2"	165	120	176





SMS 2/2-way large diameter direct acting solenoid valve · normally closed

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential(kgf/cm ²)							Max. fluids Temp. °C	Model Code		Weight Kg
			Min.	Max.							Follows Voltage are 220VAC		
				Air Gas		Water Liquids		Light oil ≤20CST			Forged Brass	Stainless Steel	
				AC	DC	AC	DC	AC	DC				
3/8"	16	4.8	0	10	6	10	6	7	4	80	SMS1MF02N1C16	SMS1MF02N4C16	0.87
	16	4.8	0	10	6	10	6			130	SMS1MF02E1C16	SMS1MF02E4C16	0.87
	16	4.8	0	10	6	10	6	7	4	120	SMS1MF02V1C16	SMS1MF02V4C16	0.87
1/2"	16	4.8	0	10	6	10	6	7	4	80	SMS1MF02N1D16	SMS1MF02N4D16	0.87
	16	4.8	0	10	6	10	6			130	SMS1MF02E1D16	SMS1MF02E4D16	0.87
	16	4.8	0	10	6	10	6	7	4	120	SMS1MF02V1D16	SMS1MF02V4D16	0.87
3/4"	20	7.6	0	10	6	10	6	7	4	80	SMS1MF02N1E20	SMS1MF02N4E20	1.04
	20	7.6	0	10	6	10	6			130	SMS1MF02E1E20	SMS1MF02E4E20	1.04
	20	7.6	0	10	6	10	6	7	4	120	SMS1MF02V1E20	SMS1MF02V4E20	1.04
1"	20	7.6	0	10	6	10	6	7	4	80	SMS1MF02N1G20	SMS1MF02N4G20	1.2
	20	7.6	0	10	6	10	6			130	SMS1MF02E1G20	SMS1MF02E4G20	1.2
	20	7.6	0	10	6	10	6	7	4	120	SMS1MF02V1G20	SMS1MF02V4G20	1.2
	25	12	0	10	6	10	6	7	4	80	SMS1MF02N1G25	SMS1MF02N4G25	1.37
	25	12	0	10	6	10	6			130	SMS1MF02E1G25	SMS1MF02E4G25	1.37
	25	12	0	10	6	10	6	7	4	120	SMS1MF02V1G25	SMS1MF02V4G25	1.37
1 1/4"	32	24	0	10	6	10	6	7	4	80	SMS1MF02N1H32	SMS1MF02N4H32	2.1
	32	24	0	10	6	10	6			130	SMSMF02E1H32	SMSMF02E4H32	2.1
	32	24	0	10	6	10	6	7	4	120	SMS1MF02V1H32	SMS1MF02V4H32	2.1
1 1/2"	32	24	0	10	6	10	6	7	4	80	SMS1MF02N1J32	SMS1MF02N4J32	2.4
	32	24	0	10	6	10	6			130	SMSMF02E1J32	SMSMF02E4J32	2.4
	32	24	0	10	6	10	6	7	4	120	SMS1MF02V1J32	SMS1MF02V4J32	2.4
	40	29	0	10	6	10	6	7	4	80	SMS1MF02N1J40	SMS1MF02N4J40	2.5
	40	29	0	10	6	10	6			130	SMSMF02E1J40	SMSMF02E4J40	2.5
	40	29	0	10	6	10	6	7	4	120	SMS1MF02V1J40	SMS1MF02V4J40	2.5
2"	40	29	0	10	6	10	6	7	4	80	SMS1MF02N1K40	SMS1MF02N4K40	2.9
	40	29	0	10	6	10	6			130	SMSMF02E1K40	SMSMF02E4K40	2.9
	40	29	0	10	6	10	6	7	4	120	SMS1MF02V1K40	SMS1MF02V4K40	2.9
	50	48	0	10	6	10	6	7	4	80	SMS1MF02N1K50	SMS1MF02N4K50	4.3
	50	48	0	10	6	10	6			130	SMSMF02E1K50	SMSMF02E4K50	4.3
	50	48	0	10	6	10	6	7	4	120	SMS1MF02V1K50	SMS1MF02V4K50	4.3

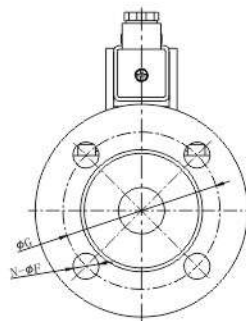
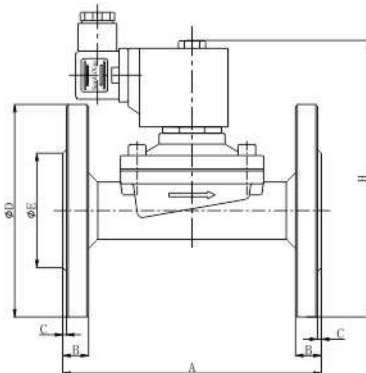
Sanlixin Solenoid Valve

SMS 2/2-way flange connection direct acting solenoid valve normally closed



Valve Selection List

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)								Max. fluids Temp. °C	Coil Type	Coil Class	Model Code Follows Voltage are 220VAC	Weight Kg	
		Min.	Max.						AC						DC
			Air Gas		Water Hot water Liquids		Light oil ≤20CST								
			AC	DC	AC	DC	AC	DC							
15	4.8	0	10	10	10	10	8	8	80	M	F	SMS1MF02N4F15	1.77		
15	4.8	0	10	10	10	10			130	M	F	SMS1MF02E4F15			
15	4.8	0	10	10	10	10	8	8	120	M	F	SMS1MF02V4F15			
20	7.6	0	10	10	10	10	8	8	80	M	F	SMS1MF02N4F20	1.97		
20	7.6	0	10	10	10	10			130	M	F	SMS1MF02E4F20			
20	7.6	0	10	10	10	10	8	8	120	M	F	SMS1MF02V4F20			
25	12	0	10	10	10	10	8	8	80	M	F	SMS1MF02N4F25	2.87		
25	12	0	10	10	10	10			130	M	F	SMS1MF02E4F25			
25	12	0	10	10	10	10	8	8	120	M	F	SMS1MF02V4F25			
32	24	0	10	10	10	10	8	8	80	M	F	SMS1MF02N4F32	4.4		
32	24	0	10	10	10	10			130	M	F	SMS1MF02E4F32			
32	24	0	10	10	10	10	8	8	120	M	F	SMS1MF02V4F32			
40	29	0	10	10	10	10	8	8	80	M	F	SMS1MF02N4F40	4.8		
40	29	0	10	10	10	10			130	M	F	SMS1MF02E4F40			
40	29	0	10	10	10	10	8	8	120	M	F	SMS1MF02V4F40			
50	48	0	10	10	10	10	8	8	80	M	F	SMS1MF02N4F50	7.8		
50	48	0	10	10	10	10			130	M	F	SMS1MF02E4F50			
50	48	0	10	10	10	10	8	8	120	M	F	SMS1MF02V4F50			



Model	A	B	C	D	E	N	F	G	H
SMS-15BF	106	12	2	95	45	4	14	65	135
SMS-20BF	106	12	2	105	56	4	14	75	138
SMS-25BF	140	14	2	115	62	4	14	85	150
SMS-32BF	152	15	2	135	76	4	18	100	173
SMS-40BF	152	15	2	145	84	4	18	110	183
SMS-50BF	195	16	2	160	98	4	18	125	197



CE RoHS



SMS series coil parameters tables

Coils Model code	Voltage	Power consumption		DC (W)		Orifice mm
		Inrush	Holding	Inrush	Holding	
SM-3101	AC220V	78VA	4.5VA	350mA	20mA	Diaphragm Type Φ15~Φ25
SM-3102	AC110V	72VA	5.0VA	660mA	45mA	
SM-3106	DC24V	80W	7.2W	3300mA	310mA	
SM-3104	AC24V	52VA	6.3VA	2600mA	320mA	
SM-3107	DC12V	35W	8.5W	2900mA	700mA	
SM-4101	AC220V	130VA	6.0VA	590mA	28mA	Direct Acting Type Φ2~Φ7.5 Diaphragm Type Φ32~Φ50
SM-4102	AC110V	95VA	8.0VA	900mA	75mA	
SM-4106	DC24V	98W	8.8W	4050mA	365mA	
SM-4104	AC24V	66VA	6.8VA	3400mA	360mA	
SM-4107	DC12V	45W	4.5W	3750mA	380mA	



Sanlixin Solenoid Valve

SMP compact series 2/2-way direct acting solenoid valve · normally closed

Solenoid Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
SMP	1	M	F	02	N	1	B	03	<input type="checkbox"/>
SMP	1:Normally Closed	M=SM Series Coil	F=F Class	02= AC220V AC230V 01= AC110V AC120V 05=AC24V 13=DC24V 12=DC12V	N=NBR V=VITON E=EPDM	1= Forged brass 3=SS316 1= Forged brass 4=SS304	A=1/8 " B=1/4 " C=3/8 " C=3/8 " D=1/2 "	02=2.0 C3=2.5 03=3.0 04=4.0 05=5.0 06=6.0 C8=7.5 03=3.0 04=4.0 05=5.0 06=6.0	L= Neon lamp N= NPT pipe size P=PT R=RC T=Timer



SMP compact series 2/2-way direct acting solenoid valve · normally closed

1. 2/2-way Compact Direct Acting Solenoid Valve, closed when de-energized, open when energized.
2. The product is special design, power will be normal type 1/4, low temperature, small in size, large flow rate, widely use.
3. Body material: Forged Brass, Stainless Steel
4. Ambient temp.: 0°C ~ 65°C Fluids temp.: 0°C ~ 130°C
5. Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
6. Voltage: AC 220V/230V/110V/24V DC 24V DC 12V Voltage Tolerance: +10% to -10% applicable voltage
7. This series valve are offered NBR, VITON, EPDM etc for seals and diaphragm to provide on-off various fluids.

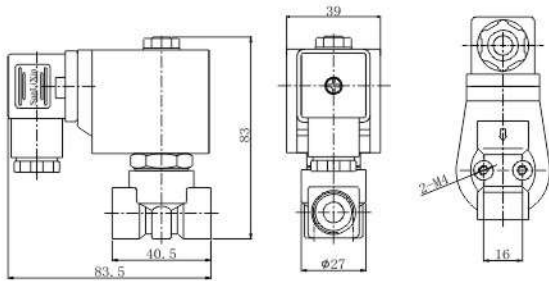
Normally Closed

De-energized

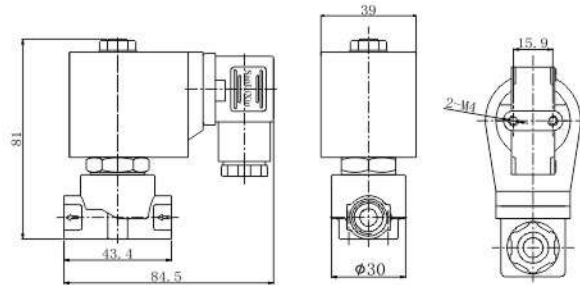
Energized



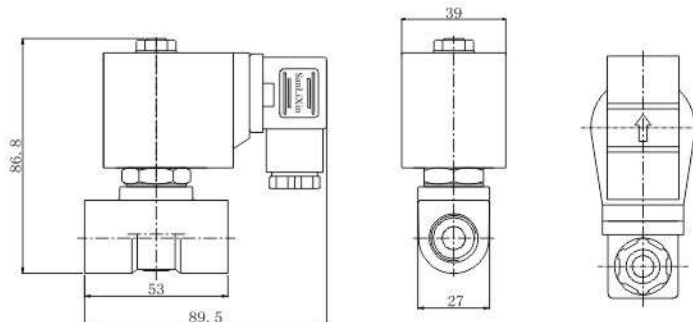
Ø2, Ø2.5, Ø3, Ø4 (1/8", 1/4", 3/8")



Ø4, Ø5, Ø6, Ø7.5 (1/8", 1/4")



Ø5, Ø6 (3/8", 1/2")



Sanlixin Solenoid Valve

SMP compact series 2/2-way direct acting solenoid valve · normally closed



Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential(kgf/cm ²)								Coil Type	Coil Class	Max. fluids Temp. °C	Model Code		Weight Kg
			Min.	Max.						Follows Voltage are 220VAC						
				Air Gas		Water Hot water Liquids		Light oil ≤20CST		Forged Brass				SS 316		
				AC	DC	AC	DC	AC	DC							
1/8"	2	0.14	0	30	30	30	30	30	30	M	F	80	SMP1MF02N1A02	SMP1MF02N3A02	0.48	
	2	0.14	0	30	30	30	30	—	—	M	F	130	SMP1MF02E1A02	SMP1MF02E3A02		
	2	0.14	0	30	30	30	30	30	30	M	F	120	SMP1MF02V1A02	SMP1MF02V3A02	0.48	
	2.5	0.23	0	30	30	30	30	30	25	M	F	80	SMP1MF02N1AC3	SMP1MF02N3AC3		
	2.5	0.23	0	30	30	30	30	—	—	M	F	130	SMP1MF02E1AC3	SMP1MF02E3AC3	0.48	
	2.5	0.23	0	30	30	30	30	30	25	M	F	120	SMP1MF02V1AC3	SMP1MF02V3AC3		
	3	0.25	0	30	28	30	28	30	25	M	F	80	SMP1MF02N1A03	SMP1MF02N3A03	0.48	
	3	0.25	0	30	28	30	28	—	—	M	F	130	SMP1MF02E1A03	SMP1MF02E3A03		
	3	0.25	0	30	28	30	28	30	25	M	F	120	SMP1MF02V1A03	SMP1MF02V3A03	0.48	
	4	0.6	0	30	24	30	24	—	—	M	F	80	SMP1MF02N1A04	SMP1MF02N3A04		
	4	0.6	0	30	24	30	24	—	—	M	F	130	SMP1MF02E1A04	SMP1MF02E3A04	0.48	
	4	0.6	0	30	24	30	24	30	20	M	F	120	SMP1MF02V1A04	SMP1MF02V3A04		
1/4"	5	0.65	0	25	8	25	8	25	6	M	F	80	SMP1MF02N1A05	SMP1MF02N3A05	0.46	
	5	0.65	0	25	8	25	8	—	—	M	F	130	SMP1MF02E1A05	SMP1MF02E3A05		
	5	0.65	0	25	8	25	8	25	6	M	F	120	SMP1MF02V1A05	SMP1MF02V3A05	0.46	
	6	0.8	0	16	3	16	3	16	2	M	F	80	SMP1MF02N1A06	SMP1MF02N3A06		
	6	0.8	0	16	3	16	3	—	—	M	F	130	SMP1MF02E1A06	SMP1MF02E3A06	0.46	
	6	0.8	0	16	3	16	3	16	2	M	F	120	SMP1MF02V1A06	SMP1MF02V3A06		
	1/4"	2	0.14	0	30	30	30	30	30	30	M	F	80	SMP1MF02N1B02	SMP1MF02N3B02	0.47
		2	0.14	0	30	30	30	30	—	—	M	F	130	SMP1MF02E1B02	SMP1MF02E3B02	
		2	0.14	0	30	30	30	30	30	30	M	F	120	SMP1MF02V1B02	SMP1MF02V3B02	0.47
		2.5	0.23	0	30	30	30	30	30	25	M	F	80	SMP1MF02N1BC3	SMP1MF02N3BC3	
		2.5	0.23	0	30	30	30	30	—	—	M	F	130	SMP1MF02E1BC3	SMP1MF02E3BC3	0.47
		2.5	0.23	0	30	30	30	30	30	25	M	F	120	SMP1MF02V1BC3	SMP1MF02V3BC3	
3		0.25	0	30	28	30	28	30	25	M	F	80	SMP1MF02N1B03	SMP1MF02N3B03	0.47	
3		0.25	0	30	28	30	28	—	—	M	F	130	SMP1MF02E1B03	SMP1MF02E3B03		
3		0.25	0	30	28	30	28	30	25	M	F	120	SMP1MF02V1B03	SMP1MF02V3B03	0.47	
4		0.6	0	30	24	30	24	30	20	M	F	80	SMP1MF02N1B04	SMP1MF02N3B04		
4		0.6	0	30	24	30	24	—	—	M	F	130	SMP1MF02E1B04	SMP1MF02E3B04	0.47	
4		0.6	0	30	24	30	24	30	20	M	F	120	SMP1MF02V1B04	SMP1MF02V3B04		
0.45	5	0.65	0	25	8	25	8	25	6	M	F	80	SMP1MF02N1B05	SMP1MF02N3B05	0.45	
	5	0.65	0	25	8	25	8	—	—	M	F	130	SMP1MF02E1B05	SMP1MF02E3B05		
	5	0.65	0	25	8	25	8	25	6	M	F	120	SMP1MF02V1B05	SMP1MF02V3B05	0.45	
	6	0.8	0	16	3	16	3	16	2	M	F	80	SMP1MF02N1B06	SMP1MF02N3B06		
	6	0.8	0	16	3	16	3	—	—	M	F	130	SMP1MF02E1B06	SMP1MF02E3B06	0.45	
	6	0.8	0	16	3	16	3	16	2	M	F	120	SMP1MF02V1B06	SMP1MF02V3B06		

SMP compact series 2/2-way direct acting solenoid valve · normally closed



Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential(kgf/cm ²)								Coil Type	Coil Class	Max. fluids Temp. °C	Model Code		Weight Kg	
			Min.	Max.						Follows Voltage are 220VAC							
				Air Gas		Water Hot water Liquids		Light oil ≤20CST		Forged Brass				SS 316			
				AC	DC	AC	DC	AC	DC								
3/8"	3	0.25	0	30	28	30	28	30	25	M	F	80	SMP1MF02N1C03	SMP1MF02N3C03	0.47		
	3	0.25	0	30	28	30	28	---	---	M	F	130	SMP1MF02E1C03	SMP1MF02E3C03			
	3	0.25	0	30	28	30	28	30	25	M	F	120	SMP1MF02V1C03	SMP1MF02V3C03			
	3/8"	4	0.6	0	30	24	30	24	30	20	M	F	80	SMP1MF02N1C04	SMP1MF02N3C04	0.47	
		4	0.6	0	30	24	30	24	---	---	M	F	130	SMP1MF02E1C04	SMP1MF02E3C04		
		4	0.6	0	30	24	30	24	30	20	M	F	120	SMP1MF02V1C04	SMP1MF02V3C04		
		3/8"	5	0.65	0	16	12	16	12	16	12	M	F	80	SMP1MF02N1C05	SMP1MF02N4C05	0.56
			5	0.65	0	16	12	16	12	---	---	M	F	130	SMP1MF02E1C05	SMP1MF02E4C05	
			5	0.65	0	16	12	16	12	16	12	M	F	120	SMP1MF02V1C05	SMP1MF02V4C05	
	3/8"		6	0.8	0	8	8	8	8	8	8	M	F	80	SMP1MF02N1C06	SMP1MF02N4C06	0.56
6		0.8	0	8	8	8	8	---	---	M	F	130	SMP1MF02E1C06	SMP1MF02E4C06			
1/2"	6	0.8	0	8	8	8	8	8	8	M	F	120	SMP1MF02V1C06	SMP1MF02V4C06			
	5	0.65	0	16	12	16	12	16	12	M	F	80	SMP1MF02N1D05	SMP1MF02N4D05	0.55		
	5	0.65	0	16	12	16	12	---	---	M	F	130	SMP1MF02E1D05	SMP1MF02E4D05			
	5	0.65	0	16	12	16	12	16	12	M	F	120	SMP1MF02V1D05	SMP1MF02V4D05			
	1/2"	6	0.8	0	8	8	8	8	8	8	M	F	80	SMP1MF02N1D06	SMP1MF02N4D06	0.55	
		6	0.8	0	8	8	8	8	---	---	M	F	130	SMP1MF02E1D06	SMP1MF02E4D06		
1/2"	6	0.8	0	8	8	8	8	8	8	M	F	120	SMP1MF02V1D06	SMP1MF02V4D06			

SMP Series Coil parameters tables

Coils Model code	Voltage	Power consumption		DC (W)	
		Inrush	Holding	Inrush	Holding
SM-3101	AC220V	78VA	4.5VA	350mA	20mA
SM-3102	AC110V	72VA	5.0VA	660mA	45mA
SM-3106	DC24V	80W	7.2W	3300mA	310mA
SM-3104	AC24V	52VA	6.3VA	2600mA	320mA
SM-3107	DC12V	35W	8.5W	2900mA	700mA

Sanlixin Solenoid Valve

SMG series 2/2-way high pressure solenoid valve normally closed

Solenoid Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
SMG	1	M	F	02	N	1	B	03	<input type="checkbox"/>
SMG	1:Normally Closed	M=SM Series Coil	F=F Class	02= AC220V AC230V 01= AC110V AC120V 13=DC24V 12=DC12V	N=NBR V=VITON E=EPDM	1= Forged brass 3=SS316 4=SS304 5=SS316 1= Forged brass 3=SS316 4=SS304 5=SS316 1= Forged brass 4=SS304 5=SS316	A=1/8 " B=1/4 " A=1/8 " B=1/4 " C=3/8" C=3/8" D=1/2" E=3/4" G=1 "	02=2.0 C3=2.5 03=3.0 08=8.0 C2=1.5 02=2.0 C3=2.5 03=3.0 06=6.0 08=8.0 03=3.0 04=4.0 06=6.0 08=8.0 06=6.0 08=8.0 15=15.0 20=20.0 25=25.0	L= Neon lamp N=NPT P=PT R=RC T=Timer

SMG Series Coil parameters tables

Coils Model code	Voltage	Power		Electricity		Orifice mm
		Inrush	Holding	Inrush	Holding	
SM-3101	AC220V	78VA	4.5VA	350mA	20mA	Φ1.5~Φ4.0 Φ6.0~Φ10.0 Φ15~Φ25
SM-3102	AC110V	72VA	5.0VA	660mA	45mA	
SM-3106	DC24V	80W	7.2W	3300mA	310mA	
SM-3104	AC24V	52VA	6.3VA	2600mA	320mA	
SM-3107	DC12V	35W	8.5W	2900mA	700mA	
SM-4101	AC220V	130VA	6.0VA	590mA	28mA	Φ8.0
SM-4102	AC110V	95VA	8.0VA	900mA	75mA	
SM-4106	DC24V	98W	8.8W	4050mA	365mA	
SM-4104	AC24V	66VA	6.8VA	3400mA	360mA	
SM-4107	DC12V	45W	4.5W	3750mA	380mA	

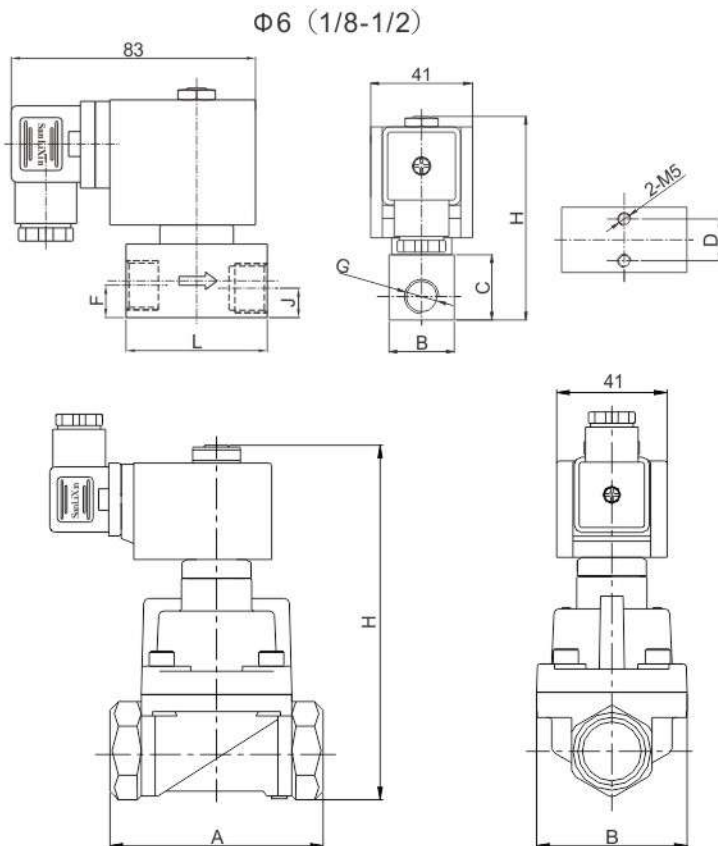


SMG series 2/2-way high pressure solenoid valve-normally closed

1. 2/2-way normally closed direct acting solenoid valve, closed when de-energized, open when energized.
2. The product is special design, power will be normal type 1/4, low temperature, small in size, large flow rate, widely use.
3. Body material: forged brass, SS316
4. Ambient temp.: 0°C~65°C Fluids temp.: 0°C~110°C
5. Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
6. Voltage: AC 220V/230V/110V/24V DC 24V DC12V
Voltage Tolerance: +10% to -10% applicable voltage
7. This series valve are offered NBR, VITON, EPDM, TEFLON etc for seals and diaphragm to provide on-off various fluids.



Normally Closed



Orifice mm	Size G	L	B	C	D	E	F	J	H
Φ 6.0	1/8"	48	25	25	16	M5	9	9	78
	1/4"	48	25	25	16		9	9	78
	3/8"	50	30	30	20		13	13	83
	1/2"	58	32	32	20		13	13	85
Φ 8.0 Φ 10.0	1/4"	67	35	35	22	M6	17.5	13	85
	3/8"	67	35	35	22		16	13	85
	1/2"	67	35	35	22		14.5	13	85

Orifice mm	A	B	H
15	75	52	132
20	85	60	142
25	100	72	154

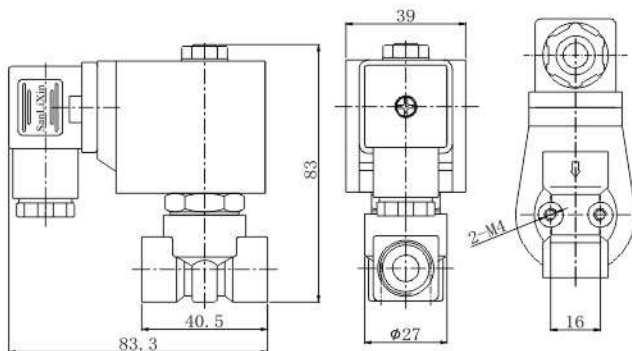
Sanlixin Solenoid Valve

SMG series 2/2-way high pressure solenoid valve-normally closed

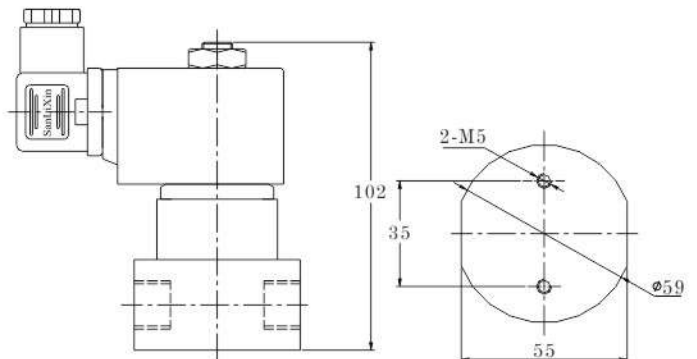
Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Coil Type	Coil Class	Max. fluids Temp. °C	Model Code		Weight Kg	
			Min.	Max.								Follows Voltage are 220VAC seal material is VITON			
				Air Gas		Water Liquids		Light oil ≤20CST				Forged Brass	Stainless Steel		
				AC	DC	AC	DC	AC							DC
1/8"	1.5	0.08	0	190	170	190	170	190	170	M	F	110	-----	SMG1MF02V3AC2	0.48
	2.0	0.14	0	120	100	120	100	120	100	M	F	110	SMG1MF02V1A02	SMG1MF02V3A02	
	2.5	0.23	0	80	80	80	80	80	80	M	F	110	SMG1MF02V1AC3	SMG1MF02V3AC3	
	3.0	0.25	0	50	50	50	50	50	50	M	F	110	SMG1MF02V1A03	SMG1MF02V3A03	
1/4"	1.5	0.08	0	190	170	190	170	190	170	M	F	110	-----	SMG1MF02V3BC2	0.47
	2.0	0.14	0	120	100	120	100	120	100	M	F	110	SMG1MF02V1B02	SMG1MF02V3B02	
	2.5	0.23	0	80	80	80	80	80	80	M	F	110	SMG1MF02V1BC3	SMG1MF02V3BC3	
	3.0	0.25	0	50	50	50	50	50	50	M	F	110	SMG1MF02V1B03	SMG1MF02V3B03	
	6.0	0.8	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5B06	0.57
	8.0	1.0	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5B08	0.92
	10.0	1.2	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5B10	0.92
3/8"	8.0	1.0	1	110	90	110	90	110	90	M	F	110	SMG1MF02V1B08	SMG1MF02V4B08	1.18
	3.0	0.25	0	50	50	50	50	50	50	M	F	110	SMG1MF02V1C03	SMG1MF02V3C03	0.47
	4.0	0.6	0	30	24	30	24	30	24	M	F	110	SMG1MF02V1C04	SMG1MF02V3C04	
	6.0	0.8	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5C06	0.65
	8.0	1.2	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5C08	0.9
	10.0	1.5	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5C10	0.9
	8.0	1.2	1	110	90	110	90	110	90	M	F	110	SMG1MF02V1C08	SMG1MF02V4C08	1.16
15	4.2	1	100	100	100	100	100	100	M	F	110	SMG1MF02V1C15	SMG1MF02V4C15	1.35	
1/2"	6.0	0.8	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5D06	0.7
	8.0	1.2	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5D08	0.9
	10.0	1.5	0.5	150	150	150	150	150	150	M	F	110	-----	SMG1MF02V5D10	0.9
	8.0	1.2	1	110	90	110	90	110	90	M	F	110	SMG1MF02V1D08	SMG1MF02V4D08	1.15
	15	4.2	1	100	100	100	100	100	100	M	F	110	SMG1MF02V1D15	SMG1MF02V4D15	1.25
3/4"	20	7	1	80	80	80	80	80	80	M	F	110	SMG1MF02V1E20	SMG1MF02V4E20	1.53
1"	25	11	1	65	65	65	65	65	65	M	F	110	SMG1MF02V1G25	SMG1MF02V4G25	2.27

Φ 1.5- Φ 4 (1/8"-3/8")

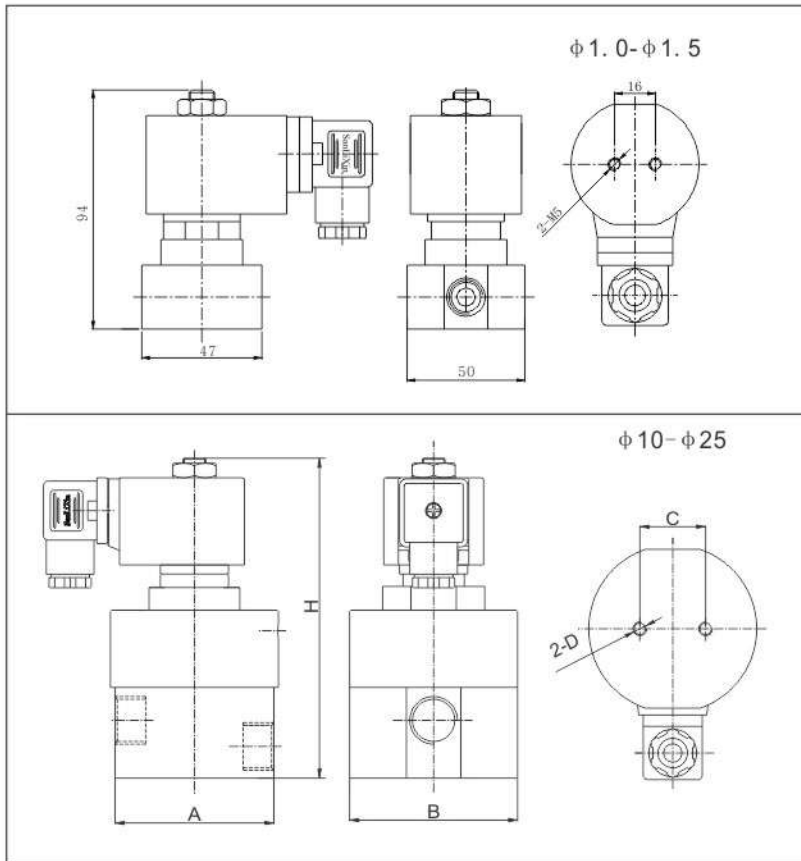


Φ 8 (1/4"-1/2")



SMG series 2/2-way high pressure solenoid valve · normally closed

1. 2/2-way Super High Pressure Solenoid Valve, closed when de-energized, open when energized.
2. The product is special design, power will be normal type 1/4, low temperature, small in size, large flow rate, widely use.
3. Body material: Stainless Steel
4. Ambient temp.: 0°C~65°C Fluids temp.: 0°C~110°C
5. Flow as the arrow, mounts in any position; Best position is solenoid vertical and upright direction.
6. Voltage: AC 220V/230V/110V/24V DC 24V DC 12V
Voltage Tolerance: +10% to -10% applicable voltage
7. seal material is PTFE (PEEK)



SMZ Series Coil parameters Tables

Coils Model Code	Voltage	Power		Electricity	
		Inrush	Holding	Inrush	Holding
SM-4101	AC220V	130VA	6.0VA	590mA	28mA
SM-4102	AC110V	95VA	8.0VA	900mA	75mA
SM-4106	DC24V	98W	8.8W	4050mA	365mA
SM-4104	AC24V	66VA	6.8VA	3400mA	360mA
SM-4107	DC12V	45W	4.5W	3750mA	380mA

Sanlixin Solenoid Valve

SMG series 2/2-way high pressure solenoid valve · normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential(kgf/cm ²)							Coil Type	Coil Class	Max. fluids Temp. °C	Model Code Follows Voltage is 220VAC seal material is PEEK	Weight Kg
			Min.	Max.										
				Air Gas		Water Hot water Liquids		Light oil ≤20CST						
				AC	DC	AC	DC	AC	DC					
1/8"	1.0	0.04	0	360	260	360	260	360	260	M	F	110	SMZ1MF02K3A01	0.8
	1.2	0.05	0	300	240	300	240	300	240	M	F	110	SMZ1MF02K3AC1	
	1.5	0.08	0	250	190	250	190	250	190	M	F	110	SMZ1MF02K3AC2	
1/4"	1.0	0.04	0	360	260	360	260	360	260	M	F	110	SMZ1MF02K3B01	0.8
	1.2	0.05	0	300	240	300	240	300	240	M	F	110	SMZ1MF02K3BC1	
	1.5	0.08	0	250	190	250	190	250	190	M	F	110	SMZ1MF02K3BC2	
	10	1.8	1	360	300	360	300	360	300	M	F	110	SMZ1MF02K3B10W	3.0
3/8"	10	2.1	1	360	300	360	300	360	300	M	F	110	SMZ1MF02K3C10W	3.0
	15	3.5	1	360	300	360	300	360	300	M	F	110	SMZ1MF02K3C15W	2.6
1/2"	10	2.1	1	360	300	360	300	360	300	M	F	110	SMZ1MF02K3D10W	3.0
	15	3.5	1	360	300	360	300	360	300	M	F	110	SMZ1MF02K3D15W	2.6
3/4"	20	6.5	1	300	240	300	240	300	240	M	F	110	SMZ1MF02K3E20W	3.6
1"	25	10	1	300	240	300	240	300	240	M	F	110	SMZ1MF02K3G25W	5.3

Note: Working pressure above 150kgf/cm², seal material need choose PEEK



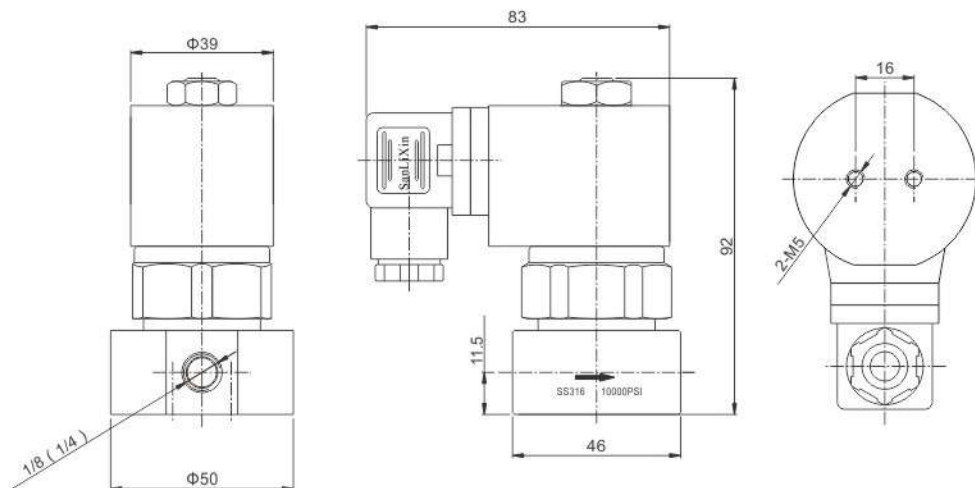
SMZ series 2/2-way zero leakage super high pressure solenoid valve · normally closed

1. 2/2-way super high pressure solenoid valve, closed when de-energized, open when energized.
2. Body material: SS316
3. Working pressure: 0~700Bar
4. Voltage: AC 220V/230V/110V/24V
Voltage Tolerance: +10% to -10% applicable voltage
5. Medium: water, air
6. Orifice size: ϕ 0.5mm
7. Pipe size: 1/8"、1/4"
8. Ambient temp.: 0°C~65°C
9. Flow as the arrow, mounts in any position; Best position is solenoid vertical



Solenoid Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
SMZ	1	M	F	02	K	3	A	C05	<input type="checkbox"/>
SMZ	1: Normally Closed	M=SM Series Coil	F=F Class	02= AC220V 01= AC110V 13= DC24V	K=PEEK P=PCTFE	3=SS316	A=1/8" B=1/4"	C05=0.5	N=NPT



Sanlixin Solenoid Valve

SMZ series 2/2-way zero leakage super high pressure solenoid valve · normally closed

Valve Selection List

Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Model Code Follows Voltage is 24VDC	Weight Kg
			Min.	Max.					
1/8"	0.5	0.02	0	700	80	M	F	SMZ1MF13K3AC05	0.87
1/4"	0.5	0.02	0	700	80	M	F	SMZ1MF13K3BC05	

Coil parameters Tables

Coils Model Code	Voltage	Power		Electricity	
		Inrush	Holding	Inrush	Holding
SM-4101	AC220V	130VA	6.0VA	590mA	28mA
SM-4102	AC110V	95VA	8.0VA	900mA	75mA
SM-4106	DC24V	45W	4.5W	3750mA	380mA



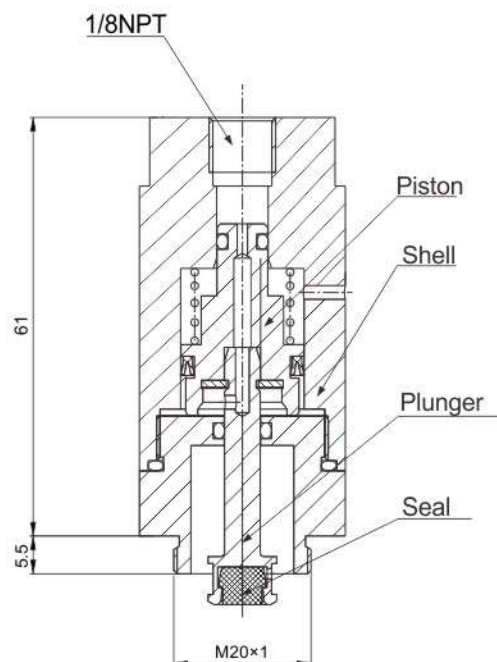
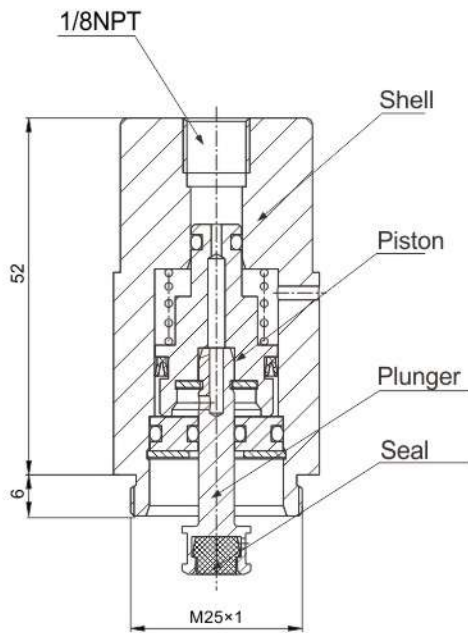
SQK air operated valve

Features :

1. Unique sealing member isolates pilot air pressure from mainline fluid
2. Variations in pilot air pressure do not affect valve operation
3. Design provides long life handling of lubricated air
4. Body material : Brass Stainless steel
5. According to the different directional valve, the valve can be normally closed and normally open
6. Diverting valve operated pressure : 3-7bar
7. Air operate pipe size : 1/8



Construction



Sanlixin Solenoid Valve

SQKS 2/2-way direct acting air operated valve · normally closed

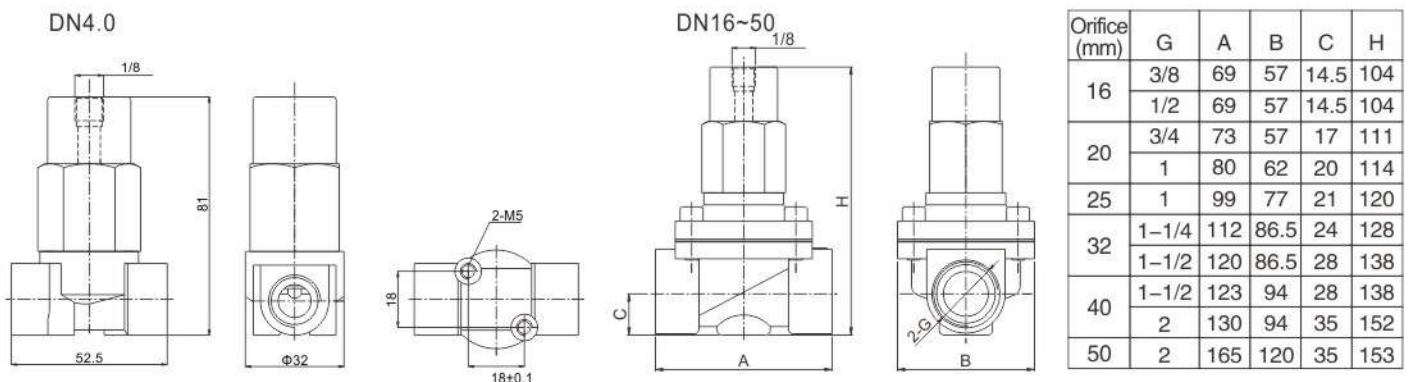
- 2/2-way normally closed air operated valve, use air operate to replace solenoid drive to operated the valve open and closed
- Ambient temperature: 0°C~65°C;
- Control pressure: 3 ~ 7kgf/cm²;
- Working pressure: 0 ~ 10kgf/cm²;
- Body material: Brass, Stainless steel;
- Seal material : NBR、VITON、EPDM and so on
- Flow as the arrow, best position is the air operated upright direction.



Air Operated Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air operated type	Air operated material	Seal material	Body material	Pipe size	Orifice (mm)	Options
SQKS	1	H	D	N	1	D	16	□
SQKS	1:Normally Closed 2:Normally Open	H= piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM	1=Brass 4=SS304 3=SS316 7=Plastic	B=1/4" C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2" F=Flange connection	04=4.0 16=16.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0 15=15.0 20=20.0 25=25.0 35=35.0 40=40.0 50=50.0	N=NPT Y=Signal feedback

External Dimensions:





SQKS 2/2-way direct acting air operated valve · normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code		Weight Kg
			Min.	Max.					Forged Brass	Stainless Steel	
				Air Gas	Water Liquids	Light oil ≤20CST					
1/4"	4	0.6	0	10	10	10	3~7	80	SQKS1HDN1B04	—	0.45
	4	0.6	0	10	10		3~7	120	SQKS1HDE1B04	—	0.45
	4	0.6	0	10	10	10	3~7	120	SQKS1HDV1B04	—	0.45
3/8"	4	0.6	0	10	10	10	3~7	80	SQKS1HDN1C04	SQKS1HDN4C04	0.43
	4	0.6	0	10	10		3~7	120	SQKS1HDE1C04	SQKS1HDE4C04	0.43
	4	0.6	0	10	10	10	3~7	120	SQKS1HDV1C04	SQKS1HDV4C04	0.43
3/8"	16	4.8	0	10	10	10	3~7	80	SQKS1HDN1C16	SQKS1HBN4C16	0.77
	16	4.8	0	10	10		3~7	120	SQKS1HDE1C16	SQKS1HBE4C16	0.77
	16	4.8	0	10	10	10	3~7	120	SQKS1HDV1C16	SQKS1HBV4C16	0.77
1/2"	16	4.8	0	10	10	10	3~7	80	SQKS1HDN1D16	SQKS1HBN4D16	0.77
	16	4.8	0	10	10		3~7	120	SQKS1HDE1D16	SQKS1HBE4D16	0.77
	16	4.8	0	10	10	10	3~7	120	SQKS1HDV1D16	SQKS1HBV4D16	0.77
3/4"	20	7.6	0	10	10	10	3~7	80	SQKS1HDN1E20	SQKS1HBN4E20	0.87
	20	7.6	0	10	10		3~7	120	SQKS1HDE1E20	SQKS1HBE4E20	0.87
	20	7.6	0	10	10	10	3~7	120	SQKS1HDV1E20	SQKS1HBV4E20	0.87
1"	20	7.6	0	10	10	10	3~7	80	SQKS1HDN1G20	SQKS1HBN4G20	1.0
	20	7.6	0	10	10		3~7	120	SQKS1HDE1G20	SQKS1HBE4G20	1.0
	20	7.6	0	10	10	10	3~7	120	SQKS1HDV1G20	SQKS1HBV4G20	1.0
	25	12	0	10	10	10	3~7	80	SQKS1HDN1G25	SQKS1HBN4G25	1.42
	25	12	0	10	10		3~7	120	SQKS1HDE1G25	SQKS1HBE4G25	1.42
	25	12	0	10	10	10	3~7	120	SQKS1HDV1G25	SQKS1HBV4G25	1.42
1 1/4"	32	24	0	10	10	10	3~7	80	SQKS1HDN1H32	SQKS1HBN4H32	1.8
	32	24	0	10	10		3~7	120	SQKS1HDE1H32	SQKS1HBE4H32	1.8
	32	24	0	10	10	10	3~7	120	SQKS1HDV1H32	SQKS1HBV4H32	1.8
1 1/2"	32	24	0	10	10	10	3~7	80	SQKS1HDN1J32	SQKS1HBN4J32	2.1
	32	24	0	10	10		3~7	120	SQKS1HDE1J32	SQKS1HBE4J32	2.1
	32	24	0	10	10	10	3~7	120	SQKS1HDV1J32	SQKS1HBV4J32	2.1
	40	29	0	10	10	10	3~7	80	SQKS1HDN1J40	SQKS1HBN4J40	2.2
	40	29	0	10	10		3~7	120	SQKS1HDE1J40	SQKS1HBE4J40	2.2
	40	29	0	10	10	10	3~7	120	SQKS1HDV1J40	SQKS1HBV4J40	2.2
2"	40	29	0	10	10	10	3~7	80	SQKS1HDN1K40	SQKS1HBN4K40	2.6
	40	29	0	10	10		3~7	120	SQKS1HDE1K40	SQKS1HBE4K40	2.6
	40	29	0	10	10	10	3~7	120	SQKS1HDV1K40	SQKS1HBV4K40	2.6
	50	48	0	10	10	10	3~7	80	SQKS1HDN1K50	SQKS1HBN4K50	4.2
	50	48	0	10	10		3~7	120	SQKS1HDE1K50	SQKS1HBE4K50	4.2
	50	48	0	10	10	10	3~7	120	SQKS1HDV1K50	SQKS1HBV4K50	4.2

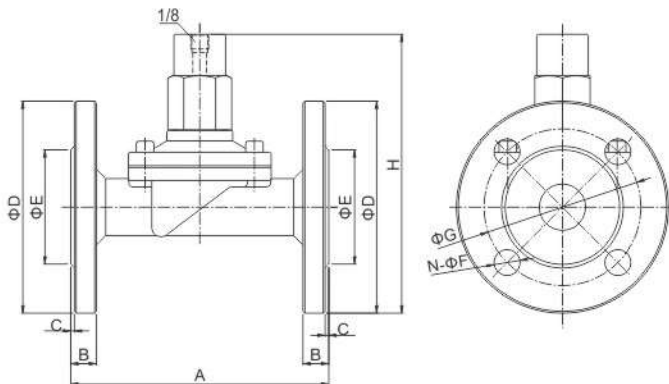
Sanlixin Solenoid Valve

SQKS 2/2-way direct acting flange connection air operated valve · normally closed

Valve Selection List (Flange)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	Weight Kg
		Min.	Max.						
			Air Gas	Water Liquids	Light oil ≤20CST				
15	4.8	0	10	10	10	3~7	80	SQKS1HBN4F15	1.85
15	4.8	0	10	10		3~7	120	SQKS1HBE4F15	1.85
15	4.8	0	10	10	10	3~7	120	SQKS1HBV4F15	1.85
20	7.6	0	10	10	10	3~7	80	SQKS1HBN4F20	2.0
20	7.6	0	10	10		3~7	120	SQKS1HBE4F20	2.0
20	7.6	0	10	10	10	3~7	120	SQKS1HBV4F20	2.0
25	12	0	10	10	10	3~7	80	SQKS1HBN4F25	2.9
25	12	0	10	10		3~7	120	SQKS1HBE4F25	2.9
25	12	0	10	10	10	3~7	120	SQKS1HBV4F25	2.9
32	24	0	10	10	10	3~7	80	SQKS1HBN4F32	4.4
32	24	0	10	10		3~7	120	SQKS1HBE4F32	4.4
32	24	0	10	10	10	3~7	120	SQKS1HBV4F32	4.4
40	29	0	10	10	10	3~7	80	SQKS1HBN4F40	5.4
40	29	0	10	10		3~7	120	SQKS1HBE4F40	5.4
40	29	0	10	10	10	3~7	120	SQKS1HBV4F40	5.4
50	48	0	10	10	10	3~7	80	SQKS1HBN4F50	7.6
50	48	0	10	10		3~7	120	SQKS1HBE4F50	7.6
50	48	0	10	10	10	3~7	120	SQKS1HBV4F50	7.6

External Dimension Chart (Flange)



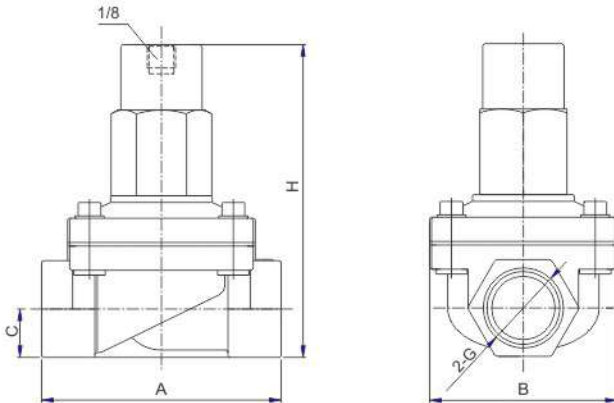
Model	A	B	C	D	E	N	F	G	H
SQKS-15BF	106	12	2	95	45	4	14	65	136
SQKS-20BF	106	12	2	102	56	4	14	75	139
SQKS-25BF	140	14	2	115	62	4	14	85	158
SQKS-32BF	152	15	2	135	76	4	18	100	195
SQKS-40BF	152	15	2	145	84	4	18	110	195
SQKS-50BF	195	16	2	160	98	4	18	125	200

SQKS plastic series 2/2-way direct acting air operated valve <normally closed>

1. 2/2-way normally closed air operated valve, use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature : 0°C~65°C ;
3. Control pressure : 3~7kgf/cm² ;
4. Working pressure : 0~8kgf/cm² ;
5. Body material : PA6
6. Seal material : NBR、VITON、EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.



External Dimensions



Orifice (mm)	G	A	B	C	H
15	1/2	69	57	15.5	106
20	3/4	73	57	17	114
25	1	99	77	21	121

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	Weight Kg	
			Min.	Max.						
				Air Gas	Water Liquids	Light oil ≤20CST				
1/2"	15	4.8	0	8	8	8	3~7	80	SQKS1HDN7D15	0.4
	15	4.8	0	8	8		3~7	80	SQKS1HDE7D15	0.4
	15	4.8	0	8	8	8	3~7	80	SQKS1HDV7D15	0.4
3/4"	20	7.6	0	8	8	8	3~7	80	SQKS1HDN7E20	0.5
	20	7.6	0	8	8		3~7	80	SQKS1HDE7E20	0.5
	20	7.6	0	8	8	8	3~7	80	SQKS1HDV7E20	0.5
1"	25	12	0	8	8	8	3~7	80	SQKS1HDN7G25	0.6
	25	12	0	8	8		3~7	80	SQKS1HDE7G25	0.6
	25	12	0	8	8	8	3~7	80	SQKS1HDV7G25	0.6

Sanlixin Solenoid Valve

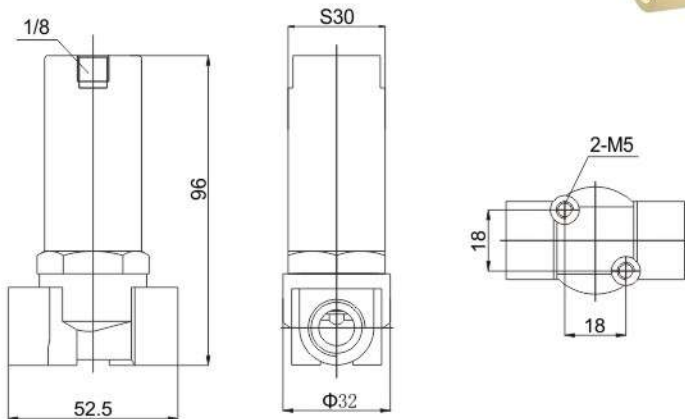
SQKS 2/2-way direct acting flange connection air operated valve · normally open

1. 2/2-way normally open air operated valve, use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature: 0°C~65°C;
3. Control pressure : 3~7kgf/cm²;
4. Working pressure : 0~10kgf/cm²;
5. Body material : Brass, Stainless steel;
6. Seal material : NBR, VITON, EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.

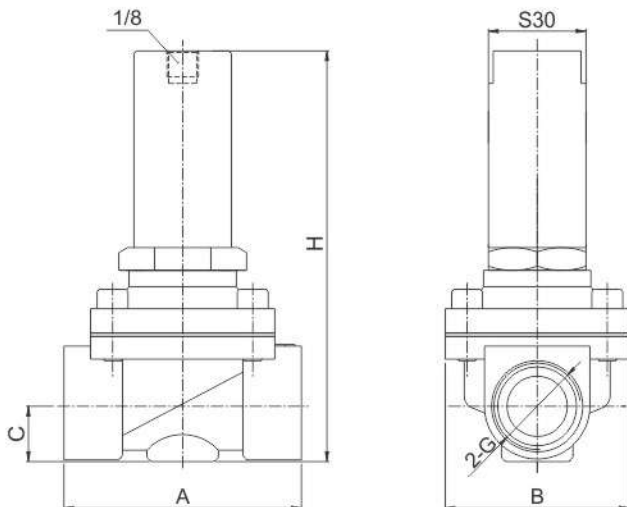


External Dimensions

DN4.0



DN16 ~ 50



Orifice (mm)	G	A	B	C	H
16	3/8	69	57	14.5	104
	1/2	69	57	14.5	104
20	3/4	73	57	17	111
	1	80	62	20	114
25	1	99	77	21	120
32	1-1/4	112	86.5	24	128
	1-1/2	120	86.5	28	138
40	1-1/2	123	94	28	138
	2	130	94	35	153
50	2	165	120	35	154



SQKS 2/2-way direct acting air operated valve · normally open

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code		Weight Kg
			Min.	Max.					Forged Brass	Stainless Steel	
				Air Gas	Water Liquids	Light oil ≤20CST					
1/4"	4	0.6	0	10	10	10	3~7	80	SQKS2HDN1B04	—————	0.5
	4	0.6	0	10	10		3~7	120	SQKS2HDE1B04	—————	0.5
	4	0.6	0	10	10	10	3~7	120	SQKS2HDV1B04	—————	0.5
3/8"	4	0.6	0	10	10	10	3~7	80	SQKS2HDN1C04	SQKS2HDN4C04	0.48
	4	0.6	0	10	10		3~7	120	SQKS2HDE1C04	SQKS2HDE4C04	0.48
	4	0.6	0	10	10	10	3~7	120	SQKS2HDV1C04	SQKS2HDV4C04	0.48
3/8"	16	4.8	0	10	10	10	3~7	80	SQKS2HDN1C16	SQKS2HBN4C16	0.82
	16	4.8	0	10	10		3~7	120	SQKS2HDE1C16	SQKS2HBE4C16	0.82
	16	4.8	0	10	10	10	3~7	120	SQKS2HDV1C16	SQKS2HBV4C16	0.82
1/2"	16	4.8	0	10	10	10	3~7	80	SQKS2HDN1D16	SQKS2HBN4D16	0.82
	16	4.8	0	10	10		3~7	120	SQKS2HDE1D16	SQKS2HBE4D16	0.82
	16	4.8	0	10	10	10	3~7	120	SQKS2HDV1D16	SQKS2HBV4D16	0.82
3/4"	20	7.6	0	10	10	10	3~7	80	SQKS2HDN1E20	SQKS2HBN4E20	0.92
	20	7.6	0	10	10		3~7	120	SQKS2HDE1E20	SQKS2HBE4E20	0.92
	20	7.6	0	10	10	10	3~7	120	SQKS2HDV1E20	SQKS2HBV4E20	0.92
1"	20	7.6	0	10	10	10	3~7	80	SQKS2HDN1G20	SQKS2HBN4G20	1.05
	20	7.6	0	10	10		3~7	120	SQKS2HDE1G20	SQKS2HBE4G20	1.05
	20	7.6	0	10	10	10	3~7	120	SQKS2HDV1G20	SQKS2HBV4G20	1.05
	25	12	0	10	10	10	3~7	80	SQKS2HDN1G25	SQKS2HBN4G25	1.47
	25	12	0	10	10		3~7	120	SQKS2HDE1G25	SQKS2HBE4G25	1.47
	25	12	0	10	10	10	3~7	120	SQKS2HDV1G25	SQKS2HBV4G25	1.47
1 1/4"	32	24	0	10	10	10	3~7	80	SQKS2HDN1H32	SQKS2HBN4H32	1.76
	32	24	0	10	10		3~7	120	SQKS2HDE1H32	SQKS2HBE4H32	1.76
	32	24	0	10	10	10	3~7	120	SQKS2HDV1H32	SQKS2HBV4H32	1.76
1 1/2"	32	24	0	10	10	10	3~7	80	SQKS2HDN1J32	SQKS2HBN4J32	2.1
	32	24	0	10	10		3~7	120	SQKS2HDE1J32	SQKS2HBE4J32	2.1
	32	24	0	10	10	10	3~7	120	SQKS2HDV1J32	SQKS2HBV4J32	2.1
	40	29	0	10	10	10	3~7	80	SQKS2HDN1J40	SQKS2HBN4J40	2.16
	40	29	0	10	10		3~7	120	SQKS2HDE1J40	SQKS2HBE4J40	2.16
	40	29	0	10	10	10	3~7	120	SQKS2HDV1J40	SQKS2HBV4J40	2.16
2"	40	29	0	10	10	10	3~7	80	SQKS2HDN1K40	SQKS2HBN4K40	2.6
	40	29	0	10	10		3~7	120	SQKS2HDE1K40	SQKS2HBE4K40	2.6
	40	29	0	10	10	10	3~7	120	SQKS2HDV1K40	SQKS2HBV4K40	2.6
	50	48	0	10	10	10	3~7	80	SQKS2HDN1K50	SQKS2HBN4K50	4.16
	50	48	0	10	10		3~7	120	SQKS2HDE1K50	SQKS2HBE4K50	4.16
	50	48	0	10	10	10	3~7	120	SQKS2HDV1K50	SQKS2HBV4K50	4.16

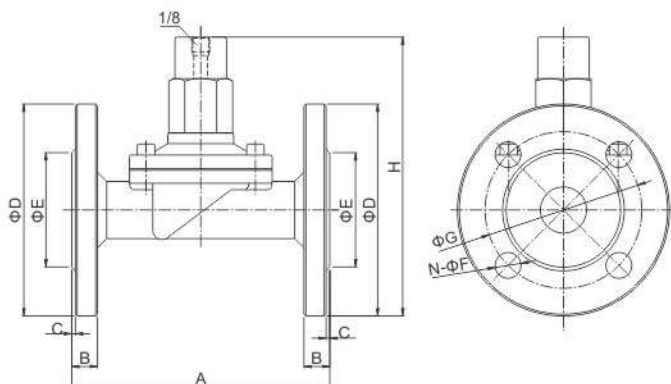
Sanlixin Solenoid Valve

SQKS 2/2-way direct acting flange connection air operated valve · normally open

Valve Selection List (Flange connection)

Orifice mm	Orifice mm	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	Weight Kg
		Min.	Max.						
			Air Gas	Water Liquids	Light oil ≤20CST				
15	4.8	0	10	10	10	3~7	80	SQKS2HBN4F15	1.85
15	4.8	0	10	10		3~7	120	SQKS2HBE4F15	1.85
15	4.8	0	10	10	10	3~7	120	SQKS2HBV4F15	1.85
20	7.6	0	10	10	10	3~7	80	SQKS2HBN4F20	2.0
20	7.6	0	10	10		3~7	120	SQKS2HBE4F20	2.0
20	7.6	0	10	10	10	3~7	120	SQKS2HBV4F20	2.0
25	12	0	10	10	10	3~7	80	SQKS2HBN4F25	2.9
25	12	0	10	10		3~7	120	SQKS2HBE4F25	2.9
25	12	0	10	10	10	3~7	120	SQKS2HBV4F25	2.9
32	24	0	10	10	10	3~7	80	SQKS2HBN4F32	4.4
32	24	0	10	10		3~7	120	SQKS2HBE4F32	4.4
32	24	0	10	10	10	3~7	120	SQKS2HBV4F32	4.4
40	29	0	10	10	10	3~7	80	SQKS2HBN4F40	5.4
40	29	0	10	10		3~7	120	SQKS2HBE4F40	5.4
40	29	0	10	10	10	3~7	120	SQKS2HBV4F40	5.4
50	48	0	10	10	10	3~7	80	SQKS2HBN4F50	7.6
50	48	0	10	10		3~7	120	SQKS2HBE4F50	7.6
50	48	0	10	10	10	3~7	120	SQKS2HBV4F50	7.6

Flange series External Dimensions



Orifice (mm)	A	B	C	D	E	N	F	G	H
DN15	106	12	2	95	45	4	14	65	150
DN20	106	12	2	102	56	4	14	75	153
DN25	140	14	2	115	62	4	14	85	168
DN32	152	15	2	135	76	4	18	100	187
DN40	152	15	2	145	84	4	18	110	192
Dn50	195	16	2	160	98	4	18	125	207

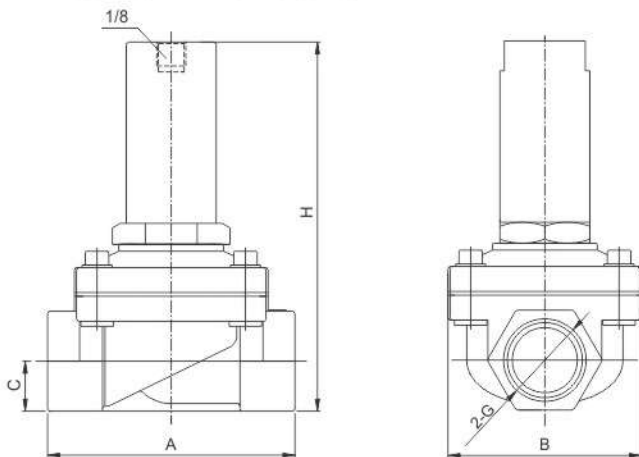


SQKS plastic series 2/2-way direct acting air operated valve · normally open

1. 2/2-way normally open air operated valve, use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature : 0°C~65°C ;
3. Control pressure : 3~7kgf/cm² ;
4. Working pressure : 0~8kgf/cm² ;
5. Body material : PA6
6. Seal material : NBR、VITON、EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.



External Dimensions



Orifice (mm)	G	A	B	C	H
15	1/2	69	57	15.5	121
20	3/4	73	57	17	129
25	1	99	77	21	136

Valve Selection List

Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	Weight Kg	
			Min.	Max.						
				Air Gas	Water Liquids	Light oil ≤20CST				
1/2"	15	4.8	0	8	8	8	3~7	80	SQKS2HDN7D15	0.45
	15	4.8	0	8	8	8	3~7	80	SQKS2HDE7D15	0.45
	15	4.8	0	8	8	8	3~7	80	SQKS2HDV7D15	0.45
3/4"	20	7.6	0	8	8	8	3~7	80	SQKS2HDN7E20	0.55
	20	7.6	0	8	8	8	3~7	80	SQKS2HDE7E20	0.55
	20	7.6	0	8	8	8	3~7	80	SQKS2HDV7E20	0.55
1"	25	12	0	8	8	8	3~7	80	SQKS2HDN7G25	0.65
	25	12	0	8	8	8	3~7	80	SQKS2HDE7G25	0.65
	25	12	0	8	8	8	3~7	80	SQKS2HDV7G25	0.65

Sanlixin Solenoid Valve

SQKP small series 2/2-way direct acting air operated valve · normally closed

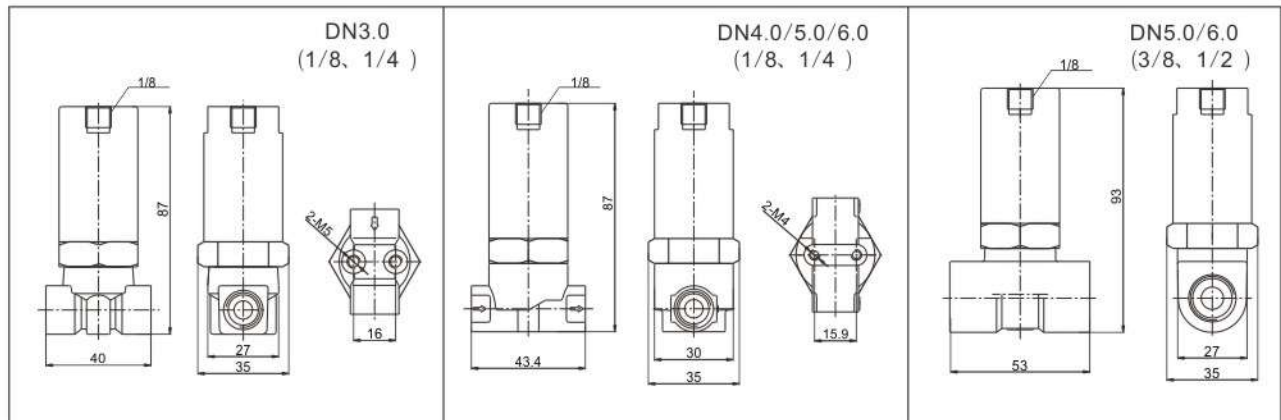
1. 2/2-way small series normally closed air control valve, use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature: 0°C~65°C;
3. Control pressure: 3~7kgf/cm²;
4. Working pressure: 0~10kgf/cm²;
5. Body material: Brass, Stainless steel;
6. Seal material: NBR, VITON, EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.



Air Operated Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air operated type	Air operated material	Seal material	Body material	Pipe size	Orifice (mm)	Options
SQKP	1	H	D	N	1	D	06	□
SQKP	1:Normally Closed 2:Normally Open	H= piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM	1=Brass 3=SS316 4=SS304 7=Plastic	A=1/8" B=1/4" C=3/8" D=1/2"	03=3.0 04=4.0 05=5.0 06=6.0	N=NPT

External Dimensions





SQKP small series 2/2-way direct acting air operated valve · normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code		Weight Kg	
			Min.	Max.				Forged Brass	Stainless Steel		
				Air Gas	Water Liquids						Light oil ≤20CST
1/8"	3	0.25	0	10	10	10	3~7	80	SQKP1HDN1A03	SQKP1HBN3A03	0.41
	3	0.25	0	10	10		3~7	120	SQKP1HDE1A03	SQKP1HBE3A03	0.41
	3	0.25	0	10	10	10	3~7	120	SQKP1HDV1A03	SQKP1HBV3A03	0.41
	4	0.4	0	10	10	10	3~7	80	SQKP1HDN1A04	SQKP1HBN3A04	0.41
	4	0.4	0	10	10		3~7	120	SQKP1HDE1A04	SQKP1HBE3A04	0.41
	4	0.4	0	10	10	10	3~7	120	SQKP1HDV1A04	SQKP1HBV3A04	0.41
	5	0.65	0	10	10	10	3~7	80	SQKP1HDN1A05	SQKP1HBN3A05	0.41
	5	0.65	0	10	10		3~7	120	SQKP1HDE1A05	SQKP1HBE3A05	0.41
	5	0.65	0	10	10	10	3~7	120	SQKP1HDV1A05	SQKP1HBV3A05	0.41
	6	0.8	0	10	10	10	3~7	80	SQKP1HDN1A06	SQKP1HBN3A06	0.41
	6	0.8	0	10	10		3~7	120	SQKP1HDE1A06	SQKP1HBE3A06	0.41
6	0.8	0	10	10	10	3~7	120	SQKP1HDV1A06	SQKP1HBV3A06	0.41	
1/4"	3	0.25	0	10	10	10	3~7	80	SQKP1HDN1B03	SQKP1HBN3B03	0.4
	3	0.25	0	10	10		3~7	120	SQKP1HDE1B03	SQKP1HBE3B03	0.4
	3	0.25	0	10	10	10	3~7	120	SQKP1HDV1B03	SQKP1HBV3B03	0.4
	4	0.4	0	10	10	10	3~7	80	SQKP1HDN1B04	SQKP1HBN3B04	0.4
	4	0.4	0	10	10		3~7	120	SQKP1HDE1B04	SQKP1HBE3B04	0.4
	4	0.4	0	10	10	10	3~7	120	SQKP1HDV1B04	SQKP1HBV3B04	0.4
	5	0.65	0	10	10	10	3~7	80	SQKP1HDN1B05	SQKP1HBN3B05	0.4
	5	0.65	0	10	10		3~7	120	SQKP1HDE1B05	SQKP1HBE3B05	0.4
	5	0.65	0	10	10	10	3~7	120	SQKP1HDV1B05	SQKP1HBV3B05	0.4
	6	0.8	0	10	10	10	3~7	80	SQKP1HDN1B06	SQKP1HBN3B06	0.4
	6	0.8	0	10	10		3~7	120	SQKP1HDE1B06	SQKP1HBE3B06	0.4
6	0.8	0	10	10	10	3~7	120	SQKP1HDV1B06	SQKP1HBV3B06	0.4	
3/8"	5	0.65	0	10	10	10	3~7	80	SQKP1HDN1C05	SQKP1HBN4C05	0.52
	5	0.65	0	10	10		3~7	120	SQKP1HDE1C05	SQKP1HBE4C05	0.52
	5	0.65	0	10	10	10	3~7	120	SQKP1HDV1C05	SQKP1HBV4C05	0.52
	6	0.8	0	10	10	10	3~7	80	SQKP1HDN1C06	SQKP1HBN4C06	0.52
	6	0.8	0	10	10		3~7	120	SQKP1HDE1C06	SQKP1HBE4C06	0.52
	6	0.8	0	10	10	10	3~7	120	SQKP1HDV1C06	SQKP1HBV4C06	0.52
1/2"	5	0.65	0	10	10	10	3~7	80	SQKP1HDN1D05	SQKP1HBN4D05	0.49
	5	0.65	0	10	10		3~7	120	SQKP1HDE1D05	SQKP1HBE4D05	0.49
	5	0.65	0	10	10	10	3~7	120	SQKP1HDV1D05	SQKP1HBV4D05	0.49
	6	0.8	0	10	10	10	3~7	80	SQKP1HDN1D06	SQKP1HBN4D06	0.49
	6	0.8	0	10	10		3~7	120	SQKP1HDE1D06	SQKP1HBE4D06	0.49
	6	0.8	0	10	10	10	3~7	120	SQKP1HDV1D06	SQKP1HBV4D06	0.49

Sanlixin Solenoid Valve

SQKP 2/2-way large diameter pilot operated air operated valve · normally closed

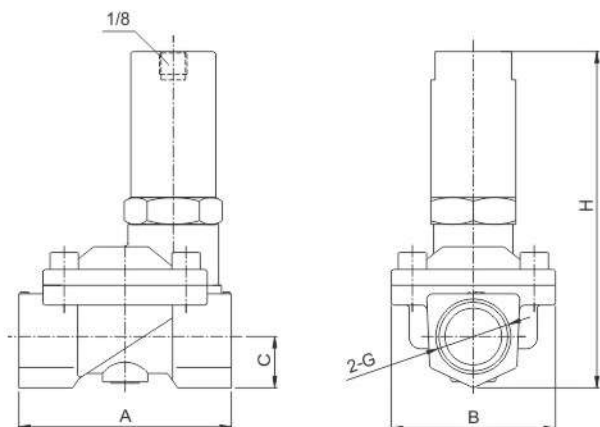
1. 2/2-way normally closed air operated valve, use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature: 0°C~65°C;
3. Control pressure : 3~7kgf/cm²;
4. Working pressure : 0.5~13kgf/cm²;
5. Body material : Brass, Stainless steel;
6. Seal material : NBR、VITON、EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.



Air Operated Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air operated type	Air operated material	Seal material	Body material	Pipe size	Orifice (mm)	Options
SQKP	1	H	D	N	1	D	16	<input type="checkbox"/>
SQKP	1:Normally Closed 2:Normally Open	H=piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM	1=Brass 3=SS316 7=Plastic	C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2" F=Flange connection	13=13.0 20=20.0 25=25.0 32=32.0 35=35.0 40=40.0 40=40.0 50=50.0 25=25.0 35=35.0 40=40.0 50=50.0 65=65.0 80=80.0 100=100.0	N=NPT Y=Signal feedback

External Dimensions



Orifice(mm)	G	A	B	C	H
13	3/8	66	48	15.3	114
13	1/2	66	48	15.3	114
20	3/4	75	58	18.1	120
	1	81	58	20	127
25	1	96	70	24.8	133
35	1-1/4	131	96	33.3	152
40	1-1/2	131	96	33.3	152
	2	136	96	35	158
50	2	165	120	35	164



SQKP 2/2-way large diameter pilot operated air operated valve · normally closed

Valve Selection List

Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code		Weight Kg	
			Min.	Max.				Forged Brass	Stainless Steel		
				Air Gas	Water Liquids						Light oil ≤20CST
3/8"	13	4.5	0.5	13	13	13	3~7	80	SQKP1HDN1C13	SQKP1HBN3C13	0.8
	13	4.5	0.5	13	13		3~7	120	SQKP1HDE1C13	SQKP1HBE3C13	0.8
	13	4.5	0.5	13	13	13	3~7	120	SQKP1HDV1C13	SQKP1HBV3C13	0.8
1/2"	13	4.5	0.5	13	13	13	3~7	80	SQKP1HDN1D13	SQKP1HBN3D13	0.8
	13	4.5	0.5	13	13		3~7	120	SQKP1HDE1D13	SQKP1HBE3D13	0.8
	13	4.5	0.5	13	13	13	3~7	120	SQKP1HDV1D13	SQKP1HBV3D13	0.8
3/4"	20	7.6	0.5	13	13	13	3~7	80	SQKP1HDN1E20	SQKP1HBN3E20	0.9
	20	7.6	0.5	13	13		3~7	120	SQKP1HDE1E20	SQKP1HBE3E20	0.9
	20	7.6	0.5	13	13	13	3~7	120	SQKP1HDV1E20	SQKP1HBV3E20	0.9
1	20	7.6	0.5	13	13	13	3~7	80	SQKP1HDN1G20	SQKP1HBN3G20	1.1
	20	7.6	0.5	13	13		3~7	120	SQKP1HDE1G20	SQKP1HBE3G20	1.1
	20	7.6	0.5	13	13	13	3~7	120	SQKP1HDV1G20	SQKP1HBV3G20	1.1
	25	12	0.5	13	13	13	3~7	80	SQKP1HDN1G25	SQKP1HBN3G25	1.4
	25	12	0.5	13	13		3~7	120	SQKP1HDE1G25	SQKP1HBE3G25	1.4
	25	12	0.5	13	13	13	3~7	120	SQKP1HDV1G25	SQKP1HBV3G25	1.4
1-1/4"	35	22	0.5	13	13	13	3~7	80	SQKP1HDN1H35	SQKP1HBN3H35	2.8
	35	22	0.5	13	13		3~7	120	SQKP1HDE1H35	SQKP1HBE3H35	2.8
	35	22	0.5	13	13	13	3~7	120	SQKP1HDV1H35	SQKP1HBV3H35	2.8
1-1/2"	40	30	0.5	13	13	13	3~7	80	SQKP1HDN1J40	SQKP1HBN3J40	2.7
	40	30	0.5	13	13		3~7	120	SQKP1HDE1J40	SQKP1HBE3J40	2.7
	40	30	0.5	13	13	13	3~7	120	SQKP1HDV1J40	SQKP1HBV3J40	2.7
2	40	30	0.5	13	13	13	3~7	80	SQKP1HDN1K40	SQKP1HBN3K40	3.1
	40	30	0.5	13	13		3~7	120	SQKP1HDE1K40	SQKP1HBE3K40	3.1
	40	30	0.5	3	13	13	3~7	120	SQKP1HDV1K40	SQKP1HBV3K40	3.1
	50	48	0.5	13	13	13	3~7	80	SQKP1HDN1K50	SQKP1HBN3K50	4.0
	50	48	0.5	13	13		3~7	120	SQKP1HDE1K50	SQKP1HBE3K50	4.0
	50	48	0.5	13	13	13	3~7	120	SQKP1HDV1K50	SQKP1HBV3K50	4.0

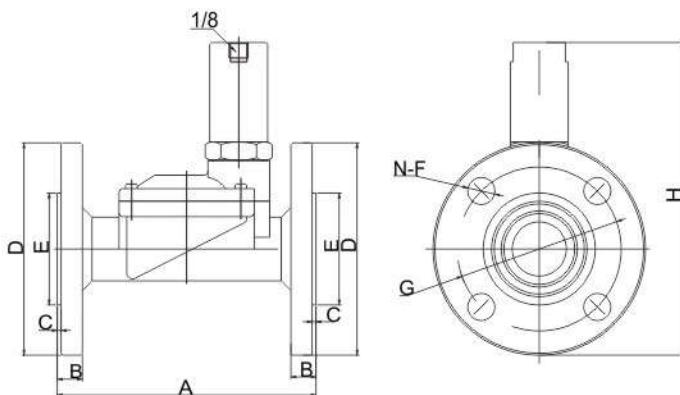
Sanlixin Solenoid Valve

SQKP 2/2-way pilot operated flange connection air operated valve · normally closed

Valve Selection List (Flange connection)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	Weight Kg
		Min.	Max.						
			Air Gas	Water Liquids	Light oil ≤20CST				
25	12	0.5	13	13	13	3~7	80	SQKP1HBN3F25	2.7
25	12	0.5	13	13		3~7	120	SQKP1HBE3F25	2.7
25	12	0.5	13	13	13	3~7	120	SQKP1HBV3F25	2.7
35	22	0.5	13	13	13	3~7	80	SQKP1HBN3F35	5
35	22	0.5	13	13		3~7	120	SQKP1HBE3F35	5
35	22	0.5	13	13	13	3~7	120	SQKP1HBV3F35	5
40	30	0.5	13	13	13	3~7	80	SQKP1HBN3F40	5.3
40	30	0.5	13	13		3~7	120	SQKP1HBE3F40	5.3
40	30	0.5	13	13	13	3~7	120	SQKP1HBV3F40	5.3
50	48	0.5	13	13	13	3~7	80	SQKP1HBN3F50	7.9
50	48	0.5	13	13		3~7	120	SQKP1HBE3F50	7.9
50	48	0.5	13	13	13	3~7	120	SQKP1HBV3F50	7.9
65	52	1	10	10	10	3~7	80	SQKP1HBN4F65	13.5
65	52	1	10	10		3~7	120	SQKP1HBE4F65	13.5
65	52	1	10	10	10	3~7	120	SQKP1HBV4F65	13.5
80	80	1	10	10	10	3~7	80	SQKP1HBN4F80	15.6
80	80	1	10	10		3~7	120	SQKP1HBE4F80	15.6
80	80	1	10	10	10	3~7	120	SQKP1HBV4F80	15.6
100	128	1	10	10	10	3~7	80	SQKP1HBN4F100	22
100	128	1	10	10		3~7	120	SQKP1HBE4F100	22
100	128	1	10	10	10	3~7	120	SQKP1HBV4F100	22

External Dimensions



型号	A	B	C	ΦD	ΦE	N-ΦF	ΦG	H
DN25	134	13	2	110	58	4-14	85	167
DN32	160	15	2	135	74	4-18	100	182
DN40	160	15	2	145	84	4-18	110	187
DN50	200	16	2	160	88	4-18	125	209
DN65	250	19	3	185	118	4-18	145	257
DN80	270	19	3	202	134	4-18	160	269
DN100	342	21	3	222	162	8-18	180	294





SQKP plastic series 2/2-way pilot operate air operated valve · normally closed

1. 2/2-way normally closed air operated valve, use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature: 0°C~65°C;
3. Control pressure : 3~7kgf/cm²;
4. Working pressure : 0.5-10kgf/cm²;
5. Body material : PA6
6. Seal material : NBR、VITON、EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.



Valve Selection List

Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	External Dimensions L x W x H	Model Code	Weight Kg
			Min.	Max.							
				Air Gas	Water Liquids	Light oil ≤20CST					
3/8"	13	4.5	0.5	10	10	10	3~7	80	76×52×118	SQKP1HDN7C13	0.38
	13	4.5	0.5	10	10		3~7	80	76×52×118	SQKP1HDE7C13	0.38
	13	4.5	0.5	10	10	10	3~7	80	76×52×118	SQKP1HDV7C13	0.38
1/2"	13	4.5	0.5	10	10	10	3~7	80	76×52×118	SQKP1HDN7D13	0.37
	13	4.5	0.5	10	10		3~7	80	76×52×118	SQKP1HDE7D13	0.37
	13	4.5	0.5	10	10	10	3~7	80	76×52×118	SQKP1HDV7D13	0.37
3/4"	20	7.6	0.5	10	10	10	3~7	80	90×71×122	SQKP1HDN7E20	0.43
	20	7.6	0.5	10	10		3~7	80	90×71×122	SQKP1HDE7E20	0.43
	20	7.6	0.5	10	10	10	3~7	80	90×71×122	SQKP1HDV7E20	0.43
1	25	12	0.5	10	10	10	3~7	80	111×91×129	SQKP1HDN7G25	0.49
	25	12	0.5	10	10		3~7	80	111×91×129	SQKP1HDE7G25	0.49
	25	12	0.5	10	10	10	3~7	80	111×91×129	SQKP1HDV7G25	0.49
1-1/4"	35	22	0.5	10	10	10	3~7	80	158×115×147	SQKP1HDN7H35	0.85
	35	22	0.5	10	10		3~7	80	158×115×147	SQKP1HDE7H35	0.85
	35	22	0.5	10	10	10	3~7	80	158×115×147	SQKP1HDV7H35	0.85
1-1/2"	40	30	0.5	10	10	10	3~7	80	158×115×147	SQKP1HDN7J40	0.78
	40	30	0.5	10	10		3~7	80	158×115×147	SQKP1HDE7J40	0.78
	40	30	0.5	10	10	10	3~7	80	158×115×147	SQKP1HDV7J40	0.78

Sanlixin Solenoid Valve

SQKP small series 2/2-way direct acting air operated valve · normally open

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	External Dimensions L × W × H	Model Code		Weight Kg
			Min.	Max.						Forged Brass	Stainless Steel	
				Air Gas	Water Liquids	Light oil ≤20CST						
1/8"	3	0.25	0	10	10	10	3~7	80	40×35×95	SQKP2HDN1A03	SQKP2HBN3A03	0.41
	3	0.25	0	10	10		3~7	120	40×35×95	SQKP2HDE1A03	SQKP2HBE3A03	0.41
	3	0.25	0	10	10	10	3~7	120	40×35×95	SQKP2HDV1A03	SQKP2HBV3A03	0.41
	4	0.4	0	10	10	10	3~7	80	43.4×35×96	SQKP2HDN1A04	SQKP2HBN3A04	0.41
	4	0.4	0	10	10		3~7	120	43.4×35×96	SQKP2HDE1A04	SQKP2HBE3A04	0.41
	4	0.4	0	10	10	10	3~7	120	43.4×35×96	SQKP2HDV1A04	SQKP2HBV3A04	0.41
	5	0.65	0	10	10	10	3~7	80	43.4×35×96	SQKP2HDN1A05	SQKP2HBN3A05	0.41
	5	0.65	0	10	10		3~7	120	43.4×35×96	SQKP2HDE1A05	SQKP2HBE3A05	0.41
	5	0.65	0	10	10	10	3~7	120	43.4×35×96	SQKP2HDV1A05	SQKP2HBV3A05	0.41
	6	0.8	0	10	10	10	3~7	80	43.4×35×96	SQKP2HDN1A06	SQKP2HBN3A06	0.41
	6	0.8	0	10	10		3~7	120	43.4×35×96	SQKP2HDE1A06	SQKP2HBE3A06	0.41
	6	0.8	0	10	10	10	3~7	120	43.4×35×96	SQKP2HDV1A06	SQKP2HBV3A06	0.41
1/4"	3	0.25	0	10	10	10	3~7	80	40×35×95	SQKP2HDN1B03	SQKP2HBN3B03	0.4
	3	0.25	0	10	10		3~7	120	40×35×95	SQKP2HDE1B03	SQKP2HBE3B03	0.4
	3	0.25	0	10	10	10	3~7	120	40×35×95	SQKP2HDV1B03	SQKP2HBV3B03	0.4
	4	0.4	0	10	10	10	3~7	80	43.4×35×96	SQKP2HDN1B04	SQKP2HBN3B04	0.4
	4	0.4	0	10	10		3~7	120	43.4×35×96	SQKP2HDE1B04	SQKP2HBE3B04	0.4
	4	0.4	0	10	10	10	3~7	120	43.4×35×96	SQKP2HDV1B04	SQKP2HBV3B04	0.4
	5	0.65	0	10	10	10	3~7	80	43.4×35×96	SQKP2HDN1B05	SQKP2HBN3B05	0.4
	5	0.65	0	10	10		3~7	120	43.4×35×96	SQKP2HDE1B05	SQKP2HBE3B05	0.4
	5	0.65	0	10	10	10	3~7	120	43.4×35×96	SQKP2HDV1B05	SQKP2HBV3B05	0.4
	6	0.8	0	10	10	10	3~7	80	43.4×35×96	SQKP2HDN1B06	SQKP2HBN3B06	0.4
6	0.8	0	10	10		3~7	120	43.4×35×96	SQKP2HDE1B06	SQKP2HBE3B06	0.4	
6	0.8	0	10	10	10	3~7	120	43.4×35×96	SQKP2HDV1B06	SQKP2HBV3B06	0.4	
3/8"	5	0.65	0	10	10	10	3~7	80	53×35×102	SQKP2HDN1C05	SQKP2HBN4C05	0.52
	5	0.65	0	10	10		3~7	120	53×35×102	SQKP2HDE1C05	SQKP2HBE4C05	0.52
	5	0.65	0	10	10	10	3~7	120	53×35×102	SQKP2HDV1C05	SQKP2HBV4C05	0.52
	6	0.8	0	10	10	10	3~7	80	53×35×102	SQKP2HDN1C06	SQKP2HBN4C06	0.52
	6	0.8	0	10	10		3~7	120	53×35×102	SQKP2HDE1C06	SQKP2HBE4C06	0.52
	6	0.8	0	10	10	10	3~7	120	53×35×102	SQKP2HDV1C06	SQKP2HBV4C06	0.52
1/2"	5	0.65	0	10	10	10	3~7	80	53×35×102	SQKP2HDN1D05	SQKP2HBN4D05	0.49
	5	0.65	0	10	10		3~7	120	53×35×102	SQKP2HDE1D05	SQKP2HBE4D05	0.49
	5	0.65	0	10	10	10	3~7	120	53×35×102	SQKP2HDV1D05	SQKP2HBV4D05	0.49
	6	0.8	0	10	10	10	3~7	80	53×35×102	SQKP2HDN1D06	SQKP2HBN4D06	0.49
	6	0.8	0	10	10		3~7	120	53×35×102	SQKP2HDE1D06	SQKP2HBE4D06	0.49
	6	0.8	0	10	10	10	3~7	120	53×35×102	SQKP2HDV1D06	SQKP2HBV4D06	0.49



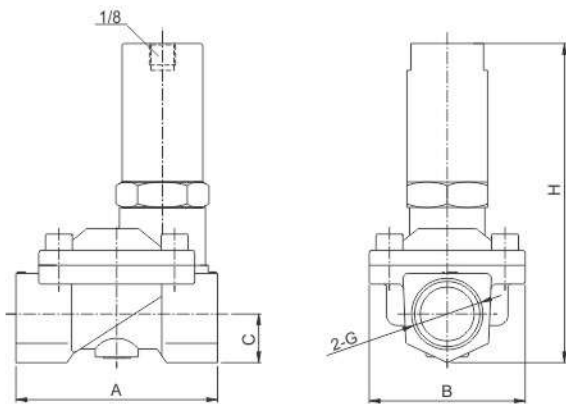


SQKP 2/2-way large diameter pilot operated air operated valve · normally open

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code		Weight Kg
			Min.	Max.					Forged Brass	Stainless Steel	
				Air Gas	Water Liquids	Light oil ≤20CST					
3/8"	13	4.5	0.5	13	13	13	3~7	80	SQKP2HDN1C13	SQKP2HBN3C13	0.85
	13	4.5	0.5	13	13		3~7	120	SQKP2HDE1C13	SQKP2HBE3C13	0.85
	13	4.5	0.5	13	13	13	3~7	120	SQKP2HDV1C13	SQKP2HBV3C13	0.85
1/2"	13	4.5	0.5	13	13	13	3~7	80	SQKP2HDN1D13	SQKP2HBN3D13	0.85
	13	4.5	0.5	13	13		3~7	120	SQKP2HDE1D13	SQKP2HBE3D13	0.85
	13	4.5	0.5	13	13	13	3~7	120	SQKP2HDV1D13	SQKP2HBV3D13	0.85
3/4"	20	7.6	0.5	13	13	13	3~7	80	SQKP2HDN1E20	SQKP2HBN3E20	0.95
	20	7.6	0.5	13	13		3~7	120	SQKP2HDE1E20	SQKP2HBE3E20	0.95
	20	7.6	0.5	13	13	13	3~7	120	SQKP2HDV1E20	SQKP2HBV3E20	0.95
1	20	7.6	0.5	13	13	13	3~7	80	SQKP2HDN1G20	SQKP2HBN3G20	1.2
	20	7.6	0.5	13	13		3~7	120	SQKP2HDE1G20	SQKP2HBE3G20	1.2
	20	7.6	0.5	13	13	13	3~7	120	SQKP2HDV1G20	SQKP2HBV3G20	1.2
	25	12	0.5	13	13	13	3~7	80	SQKP2HDN1G25	SQKP2HBN3G25	1.45
	25	12	0.5	13	13		3~7	120	SQKP2HDE1G25	SQKP2HBE3G25	1.45
	25	12	0.5	13	13	13	3~7	120	SQKP2HDV1G25	SQKP2HBV3G25	1.45
1-1/4"	35	22	0.5	13	13	13	3~7	80	SQKP2HDN1H35	SQKP2HBN3H35	2.85
	35	22	0.5	13	13		3~7	120	SQKP2HDE1H35	SQKP2HBE3H35	2.85
	35	22	0.5	13	13	13	3~7	120	SQKP2HDV1H35	SQKP2HBV3H35	2.85
1-1/2"	40	30	0.5	13	13	13	3~7	80	SQKP2HDN1J40	SQKP2HBN3J40	2.75
	40	30	0.5	13	13		3~7	120	SQKP2HDE1J40	SQKP2HBE3J40	2.75
	40	30	0.5	13	13	13	3~7	120	SQKP2HDV1J40	SQKP2HBV3J40	2.75
2	40	30	0.5	13	13	13	3~7	80	SQKP2HDN1K40	SQKP2HBN3K40	3.15
	40	30	0.5	13	13		3~7	120	SQKP2HDE1K40	SQKP2HBE3K40	3.15
	40	30	0.5	13	13	13	3~7	120	SQKP2HDV1K40	SQKP2HBV3K40	3.15
	50	48	0.5	13	13	13	3~7	80	SQKP2HDN1K50	SQKP2HBN3K50	4.1
	50	48	0.5	13	13		3~7	120	SQKP2HDE1K50	SQKP2HBE3K50	4.1
	50	48	0.5	13	13	13	3~7	120	SQKP2HDV1K50	SQKP2HBV3K50	4.1

External Dimensions



Orifice(mm)	G	A	B	C	H
13	3/8	66	48	15.3	123
	1/2	66	48	15.3	123
20	3/4	75	58	18.1	129
	1	81	58	20	136
25	1	96	70	24.8	142
32	1-1/4	131	96	33.3	161
40	1-1/2	131	96	33.3	161
	2	136	96	35	167
50	2	165	120	35	173

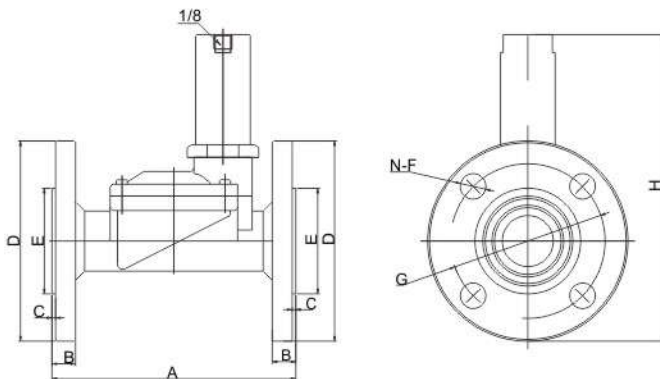
Sanlixin Solenoid Valve

SQKP 2/2-way pilot operated flange connection air operated valve · normally open

Valve Selection List (Flange connection)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	Weight Kg
		Min.	Max.						
			Air Gas	Water Liquids	Light oil ≤20CST				
25	12	0.5	13	13	13	3~7	80	SQKP2HBN3F25	2.8
25	12	0.5	13	13		3~7	120	SQKP2HBE3F25	2.8
25	12	0.5	13	13	13	3~7	120	SQKP2HBV3F25	2.8
35	22	0.5	13	13	13	3~7	80	SQKP2HBN3F35	5.1
35	22	0.5	13	13		3~7	120	SQKP2HBE3F35	5.1
35	22	0.5	13	13	13	3~7	120	SQKP2HBV3F35	5.1
40	30	0.5	13	13	13	3~7	80	SQKP2HBN3F40	5.4
40	30	0.5	13	13		3~7	120	SQKP2HBE3F40	5.4
40	30	0.5	13	13	13	3~7	120	SQKP2HBV3F40	5.4
50	48	0.5	13	13	13	3~7	80	SQKP2HBN3F50	8.0
50	48	0.5	13	13		3~7	120	SQKP2HBE3F50	8.0
50	48	0.5	13	13	13	3~7	120	SQKP2HBV3F50	8.0
65	52	1	10	10	10	3~7	80	SQKP2HBN4F65	13.6
65	52	1	10	10		3~7	120	SQKP2HBE4F65	13.6
65	52	1	10	10	10	3~7	120	SQKP2HBV4F65	13.6
80	80	1	10	10	10	3~7	80	SQKP2HBN4F80	15.7
80	80	1	10	10		3~7	120	SQKP2HBE4F80	15.7
80	80	1	10	10	10	3~7	120	SQKP2HBV4F80	15.7
100	128	1	10	10	10	3~7	80	SQKP2HBN4F100	22.1
100	128	1	10	10		3~7	120	SQKP2HBE4F100	22.1
100	128	1	10	10	10	3~7	120	SQKP2HBV4F100	22.1

External Dimensions



Model	A	B	C	ΦD	ΦE	N-ΦF	ΦG	H
DN25	134	13	2	110	58	4-14	85	174
DN32	160	15	2	135	74	4-18	100	189
DN40	160	15	2	145	84	4-18	110	194
DN50	200	16	2	160	88	4-18	125	216
DN65	250	19	3	185	118	4-18	145	264
DN80	270	19	3	202	134	4-18	160	276
DN100	342	21	3	222	162	8-18	180	301



SQKP plastic series 2/2-way pilot operate air operated valve · normally open

1. 2/2-way normally open air operated valve, use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature : 0°C~65°C ;
3. Control pressure : 3~7kgf/cm² ;
4. Working pressure : 0.5-10kgf/cm² ;
5. Body material : PA6
6. Seal material : NBR、VITON、EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.



Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	External Dimensions L x W x H	Model Code	Weight Kg
			Min.	Max.							
				Air Gas	Water Liquids	Light oil ≤20CST					
3/8"	13	4.5	0.5	10	10	10	3~7	80	76×52×127	SQKP2HDN7C13	0.4
	13	4.5	0.5	10	10		3~7	80	76×52×127	SQKP2HDE7C13	0.4
	13	4.5	0.5	10	10	10	3~7	80	76×52×127	SQKP2HDV7C13	0.4
1/2"	13	4.5	0.5	10	10	10	3~7	80	76×52×127	SQKP2HDN7D13	0.4
	13	4.5	0.5	10	10		3~7	80	76×52×127	SQKP2HDE7D13	0.4
	13	4.5	0.5	10	10	10	3~7	80	76×52×127	SQKP2HDV7D13	0.4
3/4"	20	7.6	0.5	10	10	10	3~7	80	90×71×131	SQKP2HDN7E20	0.45
	20	7.6	0.5	10	10		3~7	80	90×71×131	SQKP2HDE7E20	0.45
	20	7.6	0.5	10	10	10	3~7	80	90×71×131	SQKP2HDV7E20	0.45
1	25	12	0.5	10	10	10	3~7	80	111×91×138	SQKP2HDN7G25	0.52
	25	12	0.5	10	10		3~7	80	111×91×138	SQKP2HDE7G25	0.52
	25	12	0.5	10	10	10	3~7	80	111×91×138	SQKP2HDV7G25	0.52
1-1/4"	35	22	0.5	10	10	10	3~7	80	158×115×156	SQKP2HDN7H35	0.9
	35	22	0.5	10	10		3~7	80	158×115×156	SQKP2HDE7H35	0.9
	35	22	0.5	10	10	10	3~7	80	158×115×156	SQKP2HDV7H35	0.9
1-1/2"	40	30	0.5	10	10	10	3~7	80	158×115×156	SQKP2HDN7J40	0.85
	40	30	0.5	10	10		3~7	80	158×115×156	SQKP2HDE7J40	0.85
	40	30	0.5	10	10	10	3~7	80	158×115×156	SQKP2HDV7J40	0.85

Sanlixin Solenoid Valve

SQKF 2/2-way large diameter direct acting vacuum air operated valve · normally closed

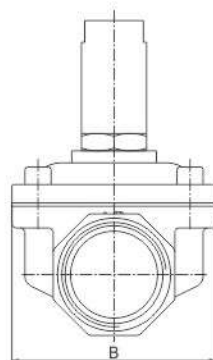
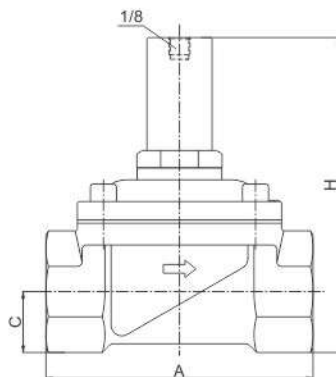
1. 2/2-way large diameter direct acting vacuum air operated valve used for vacuum system. use air operate to replace solenoid drive to operated the valve open and closed;
2. Ambient temperature : 0°C~65°C ;
3. Control pressure : 3~7kgf/cm² ;
4. Working pressure : -1~10kgf/cm² ;
5. Body material : Brass, Stainless steel ;
6. Seal material : NBR、VITON、EPDM and so on ;
7. Flow as the arrow, best position is the air operated upright direction.



Vacuum air operated valve Model Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air operated type	Air operated material	Seal material	Body material	Pipe size	Orifice (mm)	Options
SQKF	1	H	D	N	1	D	16	<input type="checkbox"/>
SQKF	1:Normally Closed	H= piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM	1=Brass 4=SS304 3=SS316	C=3/8 " D=1/2 " E=3/4 " G=1 " H=1 1/4 " J=1 1/2 " K=2 "	16=16.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0	N=NPT

External Dimensions



Orifice(mm)	G	A	B	C	H
16	3/8	69	57	14.5	111
16	1/2	69	57	14.5	111
20	3/4	73	57	17	118
	1	80	62	20	121
25	1	99	77	21	127
32	1-1/4	112	86.5	24	136
	1-1/2	120	86.5	28	146
40	1-1/2	123	94	28	146
	2	130	94	35	161
50	2	165	120	35	162



SQKF 2/2-way large diameter direct acting vacuum air operated valve · normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code		Weight Kg
			Min.	Max.					Forged Brass	Stainless Steel	
				Air Gas	Water Liquids	Light oil ≤20CST					
3/8"	16	4.8	-1	10	10	10	3~7	80	SQKF1HDN1C16	SQKF1HBN4C16	0.82
	16	4.8	-1	10	10		3~7	120	SQKF1HDE1C16	SQKF1HBE4C16	0.82
	16	4.8	-1	10	10	10	3~7	120	SQKF1HDV1C16	SQKF1HBV4C16	0.82
1/2"	16	4.8	-1	10	10	10	3~7	80	SQKF1HDN1D16	SQKF1HBN4D16	0.82
	16	4.8	-1	10	10		3~7	120	SQKF1HDE1D16	SQKF1HBE4D16	0.82
	16	4.8	-1	10	10	10	3~7	120	SQKF1HDV1D16	SQKF1HBV4D16	0.82
3/4"	20	7.6	-1	10	10	10	3~7	80	SQKF1HDN1E20	SQKF1HBN4E20	0.92
	20	7.6	-1	10	10		3~7	120	SQKF1HDE1E20	SQKF1HBE4E20	0.92
	20	7.6	-1	10	10	10	3~7	120	SQKF1HDV1E20	SQKF1HBV4E20	0.92
1	20	7.6	-1	10	10	10	3~7	80	SQKF1HDN1G20	SQKF1HBN4G20	1.1
	20	7.6	-1	10	10		3~7	120	SQKF1HDE1G20	SQKF1HBE4G20	1.1
	20	7.6	-1	10	10	10	3~7	120	SQKF1HDV1G20	SQKF1HBV4G20	1.1
	25	12	-1	10	10	10	3~7	80	SQKF1HDN1G25	SQKF1HBN4G25	1.47
	25	12	-1	10	10		3~7	120	SQKF1HDE1G25	SQKF1HBE4G25	1.47
	25	12	-1	10	10	10	3~7	120	SQKF1HDV1G25	SQKF1HBV4G25	1.47
1-1/4"	32	24	-1	10	10	10	3~7	80	SQKF1HDN1H32	SQKF1HBN4H32	1.73
	32	24	-1	10	10		3~7	120	SQKF1HDE1H32	SQKF1HBE4H32	1.73
	32	24	-1	10	10	10	3~7	120	SQKF1HDV1H32	SQKF1HBV4H32	1.73
1-1/2"	32	24	-1	10	10	10	3~7	80	SQKF1HDN1J32	SQKF1HBN4J32	2.0
	32	24	-1	10	10		3~7	120	SQKF1HDE1J32	SQKF1HBE4J32	2.0
	32	24	-1	10	10	10	3~7	120	SQKF1HDV1J32	SQKF1HBV4J32	2.0
	40	29	-1	10	10	10	3~7	80	SQKF1HDN1J40	SQKF1HBN4J40	2.13
	40	29	-1	10	10		3~7	120	SQKF1HDE1J40	SQKF1HBE4J40	2.13
	40	29	-1	10	10	10	3~7	120	SQKF1HDV1J40	SQKF1HBV4J40	2.13
2	40	29	-1	10	10	10	3~7	80	SQKF1HDN1K40	SQKF1HBN4K40	2.53
	40	29	-1	10	10		3~7	120	SQKF1HDE1K40	SQKF1HBE4K40	2.53
	40	29	-1	10	10	10	3~7	120	SQKF1HDV1K40	SQKF1HBV4K40	2.53
	50	48	-1	10	10	10	3~7	80	SQKF1HDN1K50	SQKF1HBN4K50	4.13
	50	48	-1	10	10		3~7	120	SQKF1HDE1K50	SQKF1HBE4K50	4.13
	50	48	-1	10	10	10	3~7	120	SQKF1HDV1K50	SQKF1HBV4K50	4.13

Sanlixin Solenoid Valve

SQKT 3/2-way direct acting air operated valve

SQKT1 Normally closed

SQKT2 Normally open

SQKT3 Diverting

SQKT4 Universal

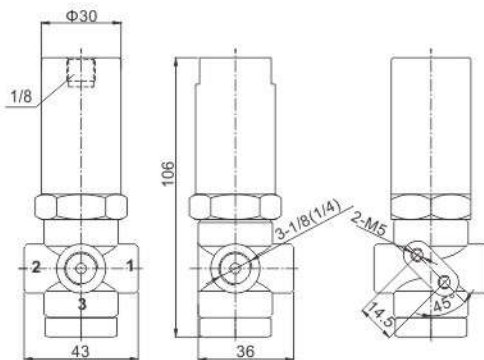
1. 3/2 way direct acting operated valve use air operate to replace solenoid drive to operated the valve open and closed
2. Ambient temperature: 0°C~65°C;
3. Control pressure: 3~7kgf/cm²;
4. Body material: Brass, Stainless steel;
5. Seal material: NBR, VITON, EPDM and so on
6. Flow as the arrow, best position is the air operated upright direction.



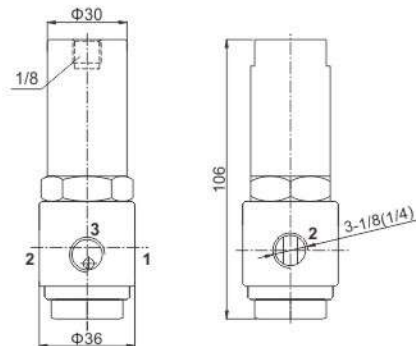
Air Control Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air operated type	Air operated material	Seal material	Body material	Pipe size	Orifice (mm)	Options
SQKT	1	H	D	N	1	D	16	<input type="checkbox"/>
SQKT	1: Normally closed 2: Normally open 3: Diverting 4: Universal	H= piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM	1=Brass 4=SS304 9=Brass 3=SS316 5=SS316	A=1/8" B=1/4"	V1=1.5 V2=2.0 V3=2.5 V4=3.0 V5=4.0	N=NPT

External Dimensions



Body: 1, 5
net: 0.52kg



Body: 9, 4, 3
net: 0.56kg

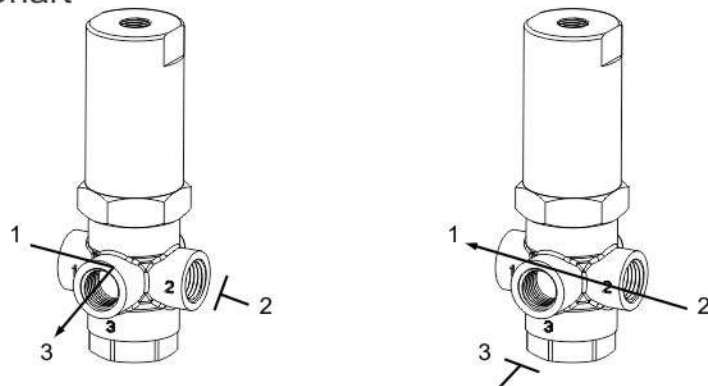
SQKT 3/2-way direct acting air operated valve

SQKT1 Normally Closed Specification List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	
			Min.	Max.						
				Air Gas	Water Liquids	Light oil ≤20CST			Forged Brass	Stainless Steel
1/8"	1.5	0.07	0	13	13	13	3~7	80	SQKT1HDN1AV1	SQKT1HBN3AV1
	1.5	0.07	0	13	13		3~7	120	SQKT1HDE1AV1	SQKT1HBE3AV1
	1.5	0.07	0	13	13	13	3~7	120	SQKT1HDV1AV1	SQKT1HBV3AV1
	2.0	0.14	0	12	12	12	3~7	80	SQKT1HDN1AV2	SQKT1HBN3AV2
	2.0	0.14	0	12	12		3~7	120	SQKT1HDE1AV2	SQKT1HBE3AV2
	2.0	0.14	0	12	12	12	3~7	120	SQKT1HDV1AV2	SQKT1HBV3AV2
	2.5	0.21	0	10	10	10	3~7	80	SQKT1HDN1AV3	SQKT1HBN3AV3
	2.5	0.21	0	10	10		3~7	120	SQKT1HDE1AV3	SQKT1HBE3AV3
	2.5	0.21	0	10	10	10	3~7	120	SQKT1HDV1AV3	SQKT1HBV3AV3
	3.0	0.25	0	8	8	8	3~7	80	SQKT1HDN1AV4	SQKT1HBN3AV4
	3.0	0.25	0	8	8		3~7	120	SQKT1HDE1AV4	SQKT1HBE3AV4
	3.0	0.25	0	8	8	8	3~7	120	SQKT1HDV1AV4	SQKT1HBV3AV4
	4.0	0.35	0	7	7	7	3~7	80	SQKT1HDN1AV5	SQKT1HBN3AV5
	4.0	0.35	0	7	7		3~7	120	SQKT1HDE1AV5	SQKT1HBE3AV5
4.0	0.35	0	7	7	7	3~7	120	SQKT1HDV1AV5	SQKT1HBV3AV5	
1/4"	1.5	0.07	0	13	13	13	3~7	80	SQKT1HDN1BV1	SQKT1HBN3BV1
	1.5	0.07	0	13	13		3~7	120	SQKT1HDE1BV1	SQKT1HBE3BV1
	1.5	0.07	0	13	13	13	3~7	120	SQKT1HDV1BV1	SQKT1HBV3BV1
	2.0	0.14	0	12	12	12	3~7	80	SQKT1HDN1BV2	SQKT1HBN3BV2
	2.0	0.14	0	12	12		3~7	120	SQKT1HDE1BV2	SQKT1HBE3BV2
	2.0	0.14	0	12	12	12	3~7	120	SQKT1HDV1BV2	SQKT1HBV3BV2
	2.5	0.21	0	10	10	10	3~7	80	SQKT1HDN1BV3	SQKT1HBN3BV3
	2.5	0.21	0	10	10		3~7	120	SQKT1HDE1BV3	SQKT1HBE3BV3
	2.5	0.21	0	10	10	10	3~7	120	SQKT1HDV1BV3	SQKT1HBV3BV3
	3.0	0.25	0	8	8	8	3~7	80	SQKT1HDN1BV4	SQKT1HBN3BV4
	3.0	0.25	0	8	8		3~7	120	SQKT1HDE1BV4	SQKT1HBE3BV4
	3.0	0.25	0	8	8	8	3~7	120	SQKT1HDV1BV4	SQKT1HBV3BV4
	4.0	0.35	0	7	7	7	3~7	80	SQKT1HDN1BV5	SQKT1HBN3BV5
	4.0	0.35	0	7	7		3~7	120	SQKT1HDE1BV5	SQKT1HBE3BV5
4.0	0.35	0	7	7	7	3~7	120	SQKT1HDV1BV5	SQKT1HBV3BV5	

SQKT Normally Closed Flow Chart

Pressure: No.2



Sanlixin Solenoid Valve

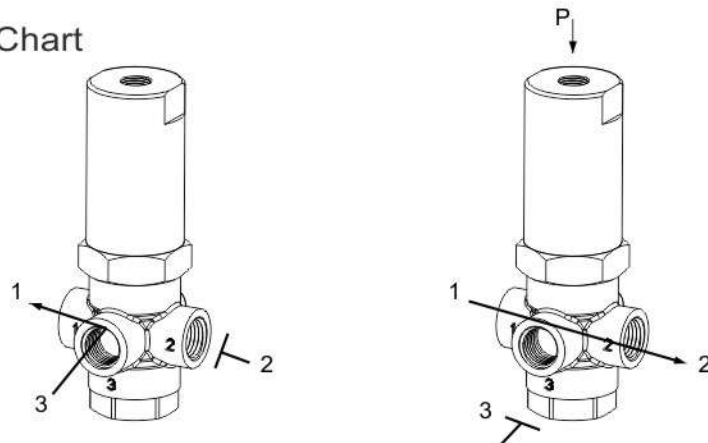
SQKT 3/2-way direct acting air operated valve

SQKT2 Normally Open Specification List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	
			Min.	Max.						
				Air Gas	Water Liquids	Light oil ≤20CST			Forged Brass	Stainless Steel
1/8"	1.5	0.07	0	13	13	13	3~7	80	SQKT2HDN1AV1	SQKT2HBN3AV1
	1.5	0.07	0	13	13		3~7	120	SQKT2HDE1AV1	SQKT2HBE3AV1
	1.5	0.07	0	13	13	13	3~7	120	SQKT2HDV1AV1	SQKT2HBV3AV1
	2.0	0.14	0	11	11	11	3~7	80	SQKT2HDN1AV2	SQKT2HBN3AV2
	2.0	0.14	0	11	11		3~7	120	SQKT2HDE1AV2	SQKT2HBE3AV2
	2.0	0.14	0	11	11	11	3~7	120	SQKT2HDV1AV2	SQKT2HBV3AV2
	2.5	0.21	0	10	10	10	3~7	80	SQKT2HDN1AV3	SQKT2HBN3AV3
	2.5	0.21	0	10	10		3~7	120	SQKT2HDE1AV3	SQKT2HBE3AV3
	2.5	0.21	0	10	10	10	3~7	120	SQKT2HDV1AV3	SQKT2HBV3AV3
	3.0	0.25	0	7	7	7	3~7	80	SQKT2HDN1AV4	SQKT2HBN3AV4
	3.0	0.25	0	7	7		3~7	120	SQKT2HDE1AV4	SQKT2HBE3AV4
	3.0	0.25	0	7	7	7	3~7	120	SQKT2HDV1AV4	SQKT2HBV3AV4
	4.0	0.35	0	5.5	5.5	5.5	3~7	80	SQKT2HDN1AV5	SQKT2HBN3AV5
	4.0	0.35	0	5.5	5.5		3~7	120	SQKT2HDE1AV5	SQKT2HBE3AV5
4.0	0.35	0	5.5	5.5	5.5	3~7	120	SQKT2HDV1AV5	SQKT2HBV3AV5	
1/4"	1.5	0.07	0	13	13	13	3~7	80	SQKT2HDN1BV1	SQKT2HBN3BV1
	1.5	0.07	0	13	13		3~7	120	SQKT2HDE1BV1	SQKT2HBE3BV1
	1.5	0.07	0	13	13	13	3~7	120	SQKT2HDV1BV1	SQKT2HBV3BV1
	2.0	0.14	0	11	11	11	3~7	80	SQKT2HDN1BV2	SQKT2HBN3BV2
	2.0	0.14	0	11	11		3~7	120	SQKT2HDE1BV2	SQKT2HBE3BV2
	2.0	0.14	0	11	11	11	3~7	120	SQKT2HDV1BV2	SQKT2HBV3BV2
	2.5	0.21	0	10	10	10	3~7	80	SQKT2HDN1BV3	SQKT2HBN3BV3
	2.5	0.21	0	10	10		3~7	120	SQKT2HDE1BV3	SQKT2HBE3BV3
	2.5	0.21	0	10	10	10	3~7	120	SQKT2HDV1BV3	SQKT2HBV3BV3
	3.0	0.25	0	7	7	7	3~7	80	SQKT2HDN1BV4	SQKT2HBN3BV4
	3.0	0.25	0	7	7		3~7	120	SQKT2HDE1BV4	SQKT2HBE3BV4
	3.0	0.25	0	7	7	7	3~7	120	SQKT2HDV1BV4	SQKT2HBV3BV4
	4.0	0.35	0	5.5	5.5	5.5	3~7	80	SQKT2HDN1BV5	SQKT2HBN3BV5
	4.0	0.35	0	5.5	5.5		3~7	120	SQKT2HDE1BV5	SQKT2HBE3BV5
4.0	0.35	0	5.5	5.5	5.5	3~7	120	SQKT2HDV1BV5	SQKT2HBV3BV5	

SQKT Normally Open Flow Chart

Pressure: No.3



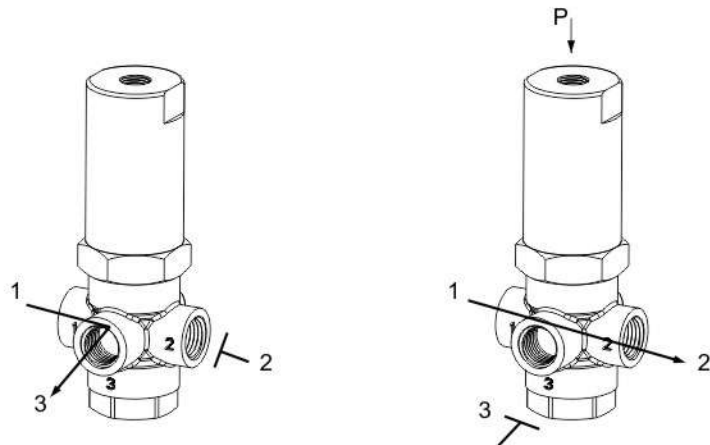
SQKT 3/2-way direct acting air operated valve

SQKT3 Diverting Specification List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	
			Min.	Max.						
				Air Gas	Water Liquids	Light oil ≤20CST			Forged Brass	Stainless Steel
1/8"	1.5	0.07	0	13	13	13	3 ~ 7	80	SQKT3HDN1AV1	SQKT3HBN3AV1
	1.5	0.07	0	13	13		3 ~ 7	120	SQKT3HDE1AV1	SQKT3HBE3AV1
	1.5	0.07	0	13	13	13	3 ~ 7	120	SQKT3HDV1AV1	SQKT3HBV3AV1
	2.0	0.14	0	11	11		3 ~ 7	80	SQKT3HDN1AV2	SQKT3HBN3AV2
	2.0	0.14	0	11	11		3 ~ 7	120	SQKT3HDE1AV2	SQKT3HBE3AV2
	2.0	0.14	0	11	11	11	3 ~ 7	120	SQKT3HDV1AV2	SQKT3HBV3AV2
	2.5	0.21	0	10	10		3 ~ 7	80	SQKT3HDN1AV3	SQKT3HBN3AV3
	2.5	0.21	0	10	10		3 ~ 7	120	SQKT3HDE1AV3	SQKT3HBE3AV3
	2.5	0.21	0	10	10	10	3 ~ 7	120	SQKT3HDV1AV3	SQKT3HBV3AV3
	3.0	0.25	0	10	10		3 ~ 7	80	SQKT3HDN1AV4	SQKT3HBN3AV4
	3.0	0.25	0	10	10		3 ~ 7	120	SQKT3HDE1AV4	SQKT3HBE3AV4
	3.0	0.25	0	10	10	10	3 ~ 7	120	SQKT3HDV1AV4	SQKT3HBV3AV4
	4.0	0.35	0	10	10		3 ~ 7	80	SQKT3HDN1AV5	SQKT3HBN3AV5
	4.0	0.35	0	10	10		3 ~ 7	120	SQKT3HDE1AV5	SQKT3HBE3AV5
4.0	0.35	0	10	10	10	3 ~ 7	120	SQKT3HDV1AV5	SQKT3HBV3AV5	
1/4"	1.5	0.07	0	13	13	13	3 ~ 7	80	SQKT3HDN1BV1	SQKT3HBN3BV1
	1.5	0.07	0	13	13		3 ~ 7	120	SQKT3HDE1BV1	SQKT3HBE3BV1
	1.5	0.07	0	13	13	13	3 ~ 7	120	SQKT3HDV1BV1	SQKT3HBV3BV1
	2.0	0.14	0	11	11		3 ~ 7	80	SQKT3HDN1BV2	SQKT3HBN3BV2
	2.0	0.14	0	11	11		3 ~ 7	120	SQKT3HDE1BV2	SQKT3HBE3BV2
	2.0	0.14	0	11	11	11	3 ~ 7	120	SQKT3HDV1BV2	SQKT3HBV3BV2
	2.5	0.21	0	10	10		3 ~ 7	80	SQKT3HDN1BV3	SQKT3HBN3BV3
	2.5	0.21	0	10	10		3 ~ 7	120	SQKT3HDE1BV3	SQKT3HBE3BV3
	2.5	0.21	0	10	10	10	3 ~ 7	120	SQKT3HDV1BV3	SQKT3HBV3BV3
	3.0	0.25	0	10	10		3 ~ 7	80	SQKT3HDN1BV4	SQKT3HBN3BV4
	3.0	0.25	0	10	10		3 ~ 7	120	SQKT3HDE1BV4	SQKT3HBE3BV4
	3.0	0.25	0	10	10	10	3 ~ 7	120	SQKT3HDV1BV4	SQKT3HBV3BV4
	4.0	0.35	0	10	10		3 ~ 7	80	SQKT3HDN1BV5	SQKT3HBN3BV5
	4.0	0.35	0	10	10		3 ~ 7	120	SQKT3HDE1BV5	SQKT3HBE3BV5
4.0	0.35	0	10	10	10	3 ~ 7	120	SQKT3HDV1BV5	SQKT3HBV1BV5	

SQKT Diverting Flow Chart

Pressure: No.1



Sanlixin Solenoid Valve

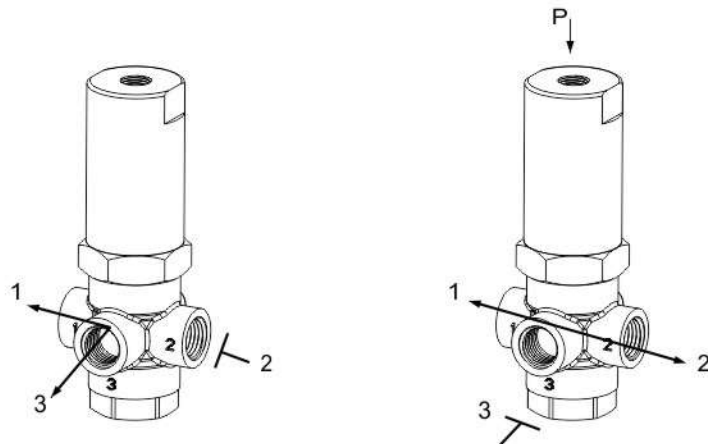
SQKT 3/2-way direct acting air operated valve

SQKT4 Universal Specification List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	
			Min.	Max.						
				Air Gas	Water Liquids	Light oil ≤20CST			Forged Brass	Stainless Steel
1/8"	1.5	0.07	0	12	12	12	3~7	80	SQKT4HDN1AV1	SQKT4HBN3AV1
	1.5	0.07	0	12	12		3~7	120	SQKT4HDE1AV1	SQKT4HBE3AV1
	1.5	0.07	0	12	12	12	3~7	120	SQKT4HDV1AV1	SQKT4HBV3AV1
	2.0	0.14	0	10	10	10	3~7	80	SQKT4HDN1AV2	SQKT4HBN3AV2
	2.0	0.14	0	10	10		3~7	120	SQKT4HDE1AV2	SQKT4HBE3AV2
	2.0	0.14	0	10	10	10	3~7	120	SQKT4HDV1AV2	SQKT4HBV3AV2
	2.5	0.21	0	8	8	8	3~7	80	SQKT4HDN1AV3	SQKT4HBN3AV3
	2.5	0.21	0	8	8		3~7	120	SQKT4HDE1AV3	SQKT4HBE3AV3
	2.5	0.21	0	8	8	8	3~7	120	SQKT4HDV1AV3	SQKT4HBV3AV3
	3.0	0.25	0	5	5	5	3~7	80	SQKT4HDN1AV4	SQKT4HBN3AV4
	3.0	0.25	0	5	5		3~7	120	SQKT4HDE1AV4	SQKT4HBE3AV4
	3.0	0.25	0	5	5	5	3~7	120	SQKT4HDV1AV4	SQKT4HBV3AV4
	4.0	0.35	0	4	4	4	3~7	80	SQKT4HDN1AV5	SQKT4HBN3AV5
	4.0	0.35	0	4	4		3~7	120	SQKT4HDE1AV5	SQKT4HBE3AV5
1/4"	1.5	0.07	0	12	12	12	3~7	80	SQKT4HDN1BV1	SQKT4HBN3BV1
	1.5	0.07	0	12	12		3~7	120	SQKT4HDE1BV1	SQKT4HBE3BV1
	1.5	0.07	0	12	12	12	3~7	120	SQKT4HDV1BV1	SQKT4HBV3BV1
	2.0	0.14	0	10	10	10	3~7	80	SQKT4HDN1BV2	SQKT4HBN3BV2
	2.0	0.14	0	10	10		3~7	120	SQKT4HDE1BV2	SQKT4HBE3BV2
	2.0	0.14	0	10	10	10	3~7	120	SQKT4HDV1BV2	SQKT4HBV3BV2
	2.5	0.21	0	8	8	8	3~7	80	SQKT4HDN1BV3	SQKT4HBN3BV3
	2.5	0.21	0	8	8		3~7	120	SQKT4HDE1BV3	SQKT4HBE3BV3
	2.5	0.21	0	8	8	8	3~7	120	SQKT4HDV1BV3	SQKT4HBV3BV3
	3.0	0.25	0	5	5	5	3~7	80	SQKT4HDN1BV4	SQKT4HBN3BV4
	3.0	0.25	0	5	5		3~7	120	SQKT4HDE1BV4	SQKT4HBE3BV4
	3.0	0.25	0	5	5	5	3~7	120	SQKT4HDV1BV4	SQKT4HBV3BV4
	4.0	0.35	0	4	4	4	3~7	80	SQKT4HDN1BV5	SQKT4HBN3BV5
	4.0	0.35	0	4	4		3~7	120	SQKT4HDE1BV5	SQKT4HBE3BV5
4.0	0.35	0	4	4	4	3~7	120	SQKT4HDV1BV5	SQKT4HBV3BV5	

SQKT Universal Flow Chart

Pressure: All port



SQKE direct acting manifold type air operated valve

1. 2/2-way direct acting manifold type air operated valve, one inlet many outlets
2. Ambient temperature: 0°C~65°C;
3. Control pressure: 3~7kgf/cm²;
4. Working pressure: 0~10kgf/cm²;
5. Body material: Brass, Stainless steel aluminum
6. Seal material: NBR, VITON, EPDM and so on
7. Flow as the arrow, best position is the air operated upright direction.



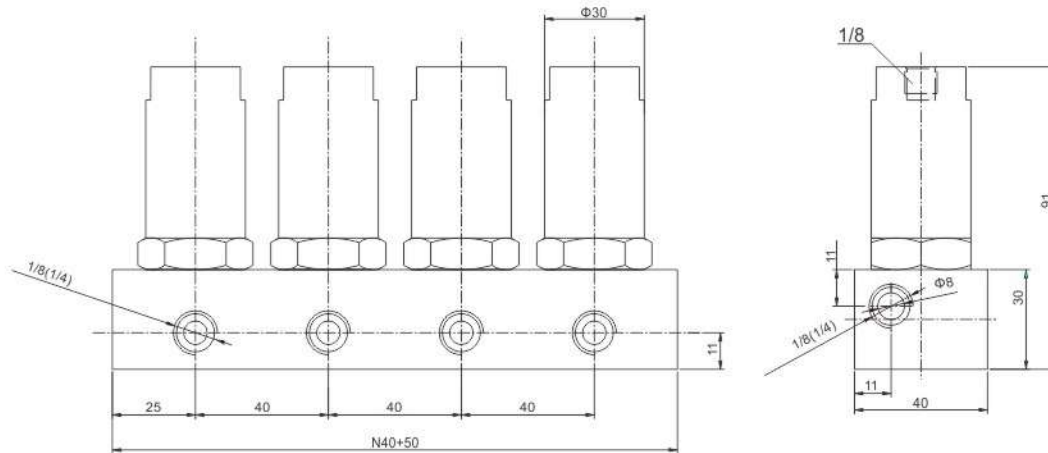
Air Control Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Air operated type	Air operated material	Seal material	Body material	Pipe size	Orifice (mm)	Number Manifold	Options
SQKE	1	H	D	N	1	A	02	N4	<input type="checkbox"/>
SQKE	1:Normally Closed	H=piston type	D=Brass B=Stainless steel	N=NBR V=VITON E=EPDM	1=Brass 4=SS304 3=SS316 8=Aluminum	A=1/8" B=1/4"	02=2.0 03=3.0 04=4.0 05=5.0 06=6.0	N2=2只 N3=3只 N4=4只 N8=8只	N=NPT

Sanlixin Solenoid Valve

SQKE direct acting manifold type air operated valve

External Dimensions



Valve Selection List

Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)				Min control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code
			Min.	Max.					
				Air Gas	Water Liquids	Light oil ≤20CST			
1/8"	2.0	0.15	0	10	10	10	3~7	120	SQKE1HDV1A02N4
	3.0	0.23	0	10	10	10	3~7	120	SQKE1HDV1A03N4
	4.0	0.44	0	10	10	10	3~7	120	SQKE1HDV1A04N4
	5.0	0.5	0	10	10	10	3~7	120	SQKE1HDV1A05N4
	6.0	0.8	0	10	10	10	3~7	120	SQKE1HDV1A06N4
1/4"	2.0	0.15	0	10	10	10	3~7	120	SQKE1HDV1B02N4
	3.0	0.23	0	10	10	10	3~7	120	SQKE1HDV1B03N4
	4.0	0.44	0	10	10	10	3~7	120	SQKE1HDV1B04N4
	5.0	0.5	0	10	10	10	3~7	120	SQKE1HDV1B05N4
	6.0	0.8	0	10	10	10	3~7	120	SQKE1HDV1B06N4

SQGM series small diaphragm isolation air operated valve· normally open

2/2 -way normally open, Pneumatic head ventilation closed, exhaust open;

This series of pneumatic valve adopts diaphragm isolation structure, the medium only with the valve body and diaphragm contact;

Small size, high pressure, good corrosion resistance, wide application range

Ambient temperature: 0°C~65°C Medium temperature: 0-80°C

Control pressure: 5-7kgf/cm² Pressure: 0-16kgf/cm²

Body material : SS316 Seal material: PTFE

Medium: Weak acid alkali fluid, ultra clean fluid, etc

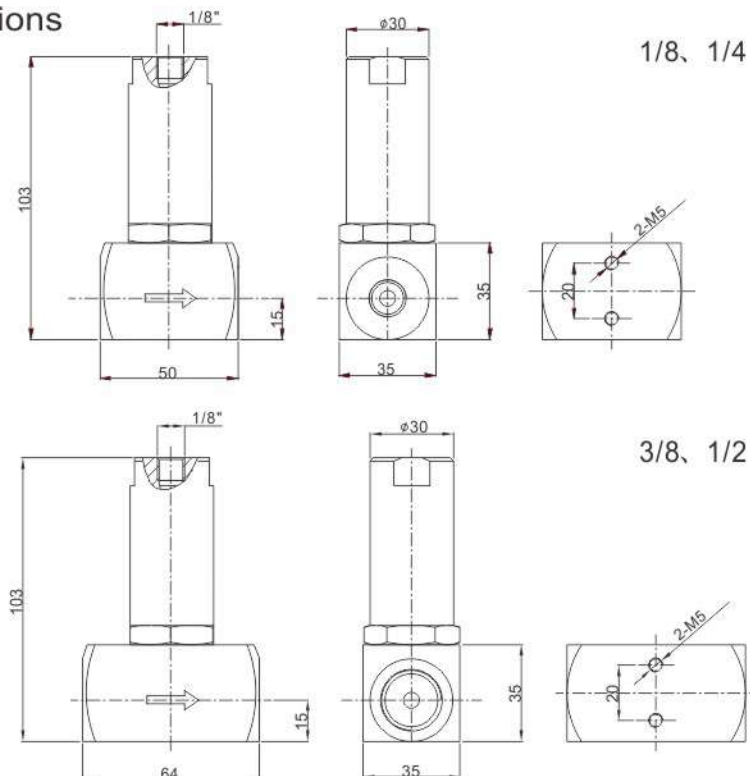
Installation method: Install the valve in the direction of the arrow



Solenoid Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Air operated type	Air operated material	Seal material	Body material	Pipe size	Orifice (mm)	Options
SQGM	2	H	B	T	3	A	03	<input type="checkbox"/>
SQGM	2= normally open	H= piston type	B=Stainless steel	T=PTFE	3=SS316	A=1/8 " B=1/4 "	02=2.0 03=3.0 04=4.0 05=5.0	N=NPT

External Dimensions



Sanlixin Solenoid Valve

SQGM series small diaphragm isolation air operated valve· normally open

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Control pressure (kgf/cm ²)	Max. fluids Temp. °C	Model Code	Weight KG
			Min.	Max.				
1/8"	2.0	0.15	0	16	5~7	80	SQGM2HBT3A02	0.73
	3.0	0.25	0	12	5~7	80	SQGM2HBT3A03	
	4.0	0.4	0	8	5~7	80	SQGM2HBT3A04	
	5.0	0.65	0	5	5~7	80	SQGM2HBT3A05	
1/4"	2.0	0.15	0	16	5~7	80	SQGM2HBT3B02	0.72
	3.0	0.25	0	12	5~7	80	SQGM2HBT3B03	
	4.0	0.4	0	8	5~7	80	SQGM2HBT3B04	
	5.0	0.65	0	5	5~7	80	SQGM2HBT3B05	
3/8"	2.0	0.15	0	16	5~7	80	SQGM2HBT3C02	0.71
	3.0	0.25	0	12	5~7	80	SQGM2HBT3C03	
	4.0	0.4	0	8	5~7	80	SQGM2HBT3C04	
	5.0	0.65	0	5	5~7	80	SQGM2HBT3C05	
1/2"	2.0	0.15	0	16	5~7	80	SQGM2HBT3D02	0.68
	3.0	0.25	0	12	5~7	80	SQGM2HBT3D03	
	4.0	0.4	0	8	5~7	80	SQGM2HBT3D04	
	5.0	0.65	0	5	5~7	80	SQGM2HBT3D05	

SLEM manifold type air control special use solenoid valve

1. 3/2-way normally closed solenoid valve, closed when de-energized, open when energized.
2. Realize the gas diverting, use for control the valve open and closed.
3. Manifold design, one inlet many outlets, can special made by customer require. It can control by many air control valves at same time.
4. This series product, small volume, low power, easy to install, suit for PLC control system.
5. Body material: Brass Stainless steel aluminum Orifice: ϕ 1.2mm
6. Fluid medium: gas, Working pressure: 0 ~ 9kgf/cm²
7. Flow as the arrow, best position is the solenoid vertical and upright direction
8. Voltage: AC220V 6VA DC24V 6W (other voltage can be special made)
Voltage tolerance -10% ~ +10%
9. Seal material: NBR (fluid medium temp.: \leq 80°C)
10. Ambient temp.: 0°C~65°C



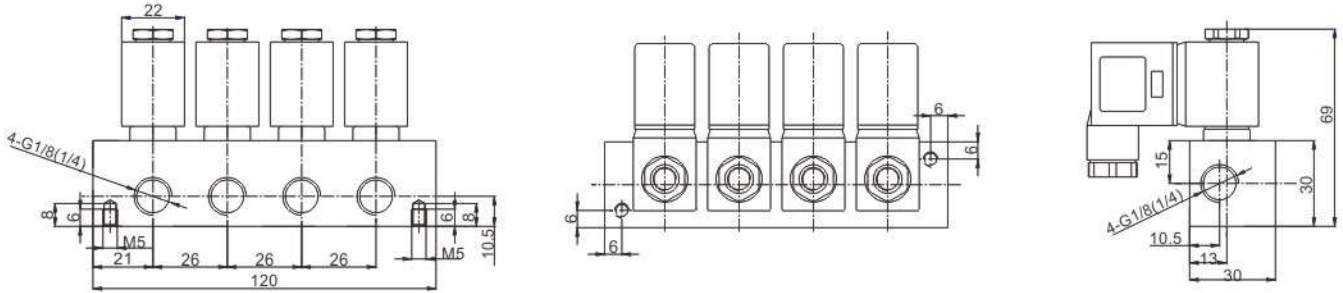
Solenoid Valves Model Numbering System for Order

1	2	3	4	5	6	7	8	9	10	11
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal material	Body material	Pipe size	Orifice (mm)	Outlet number	Options
SLEM	1	D	H	02	N	1	A	C1	N8	<input type="checkbox"/>
SLEM	1:Normally Closed	D=DIN standard connections, fully encapsulated	H=H级	02= AC220V 13= DC24V	N=NBR	1=Brass 4=SS304 3=SS316 8=Aluminum	A=1/8 " B=1/4 "	C1=1.2	N4=4 N8=8	N=NPT L=Neon Lamp

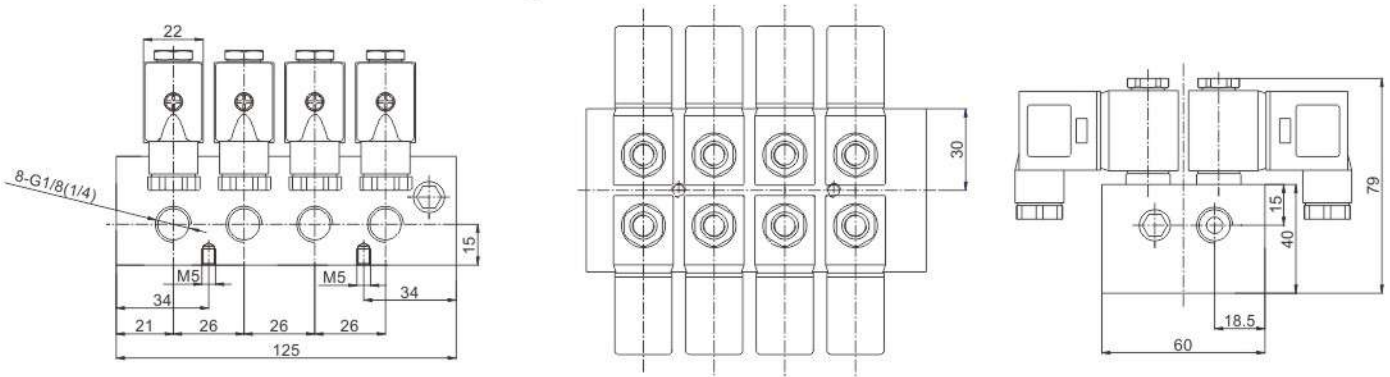
Sanlixin Solenoid Valve

SLEM manifold type air control special use solenoid valve

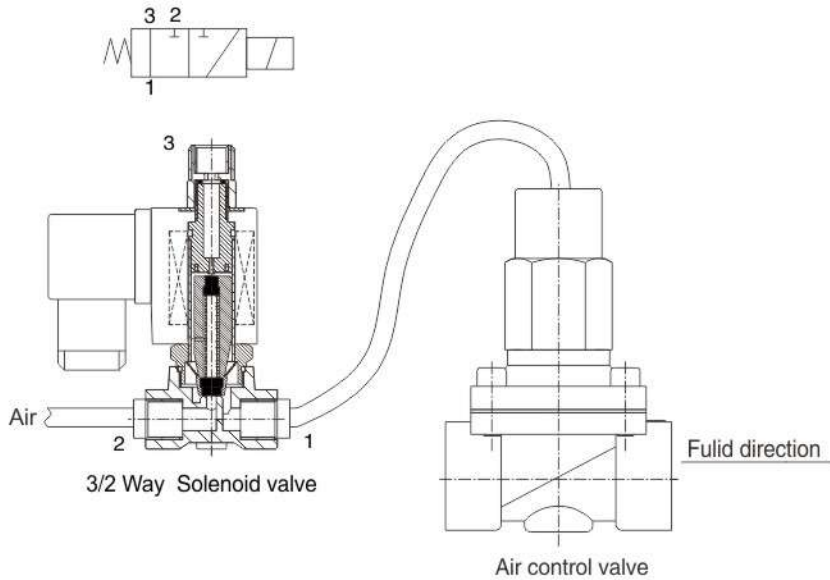
External Dimension (one inlet four outlets)



External Dimension (one inlet eight outlets)



Example



Connect the pipe as the drawing, 3/2-way valve when energized, air flow from 2 to 1 port. When the gas into the air control valve, Lift air control device, open the solenoid valve. When de-energized Port 2 closed, the air can't go to the air control valve, the air go out from 1 to 3 port. The air control device returns under spring force, closed the valve. If the air control valve is normally open type, the work type will be opposite.



JZF series angle seat valve

Angle Seat Valve Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve series	Mode of Operation	Actuator material	Actuator specifications	Seal material	Body material	Connection type	Orifice size	others
JZF	1	G	1	T	3	C	10	
	1=Single acting normally closed 2=Double-acting normally closed	G: Aluminum alloy H: Stainless steel	Actuator material: Aluminum alloy 1=50 2=63 3=80 4=100 5=50 (recoil) 6=63 (recoil) 7=80 (recoil) 8=10 (recoil) Actuator material: Stainless steel 1=50 2=70 3=100 4=125 5=50 (recoil) 6=70 (recoil) 7=100 (recoil) 8=125 (recoil)	T=Teflon (normally Temp) R=RTFE (steam)	3=SS316 (normal) 4=SS304	screw thread: (normal G) C=3/8" D=1/2" E=3/4" G=1" H=1-1/4" J=1-1/2" K=2" L=2-1/2" welded: WA=ASME BPE WB=DIN11850.1 WC=DIN11850.2 WD=DIN11850.3 WE=ISO1127 /4200 WF=SMS3008 Special made need to provide pipe size	10=10.0 15=15.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0 65=65.0	N=NPT connections

Note: welded and socket welding Angle seat valve selection, please let us know the pipe diameter and wall thickness. According to different perform equipment quality, Angle seat valve (material for aluminium alloy) and divided into G series H series for stainless steel (material)

Sanlixin Solenoid Valve

JZF series angle seat valve

Application industry

Beer beverage, disinfection equipment, rubber machinery, textile printing and dyeing, pharmaceutical, medical equipment, food processing, water treatment equipment, liquid filling equipment etc

Technical parameters

Body material: SS316/SS304 Seal material: PTFE/RTFE

Orifice size: DN10-DN65

Connection type: screw thread (G、NPT) welded

Fluid medium: water、 gas or liquid, alcohol, oil, organic solvent, water vapor, weak acid or a weak base solution

Fluid temp: -10°C to $+180^{\circ}\text{C}$

Ambient temp: -10°C to $+60^{\circ}\text{C}$

viscosity: max 600CST

Control gas: air/neutral gas

Control pressure: 0.3 - 1MPa

Mounting: mounts in any position (Please select in explosive environment matching explosion-proof gas control valve)

G series (Actuator material is Aluminum alloy)



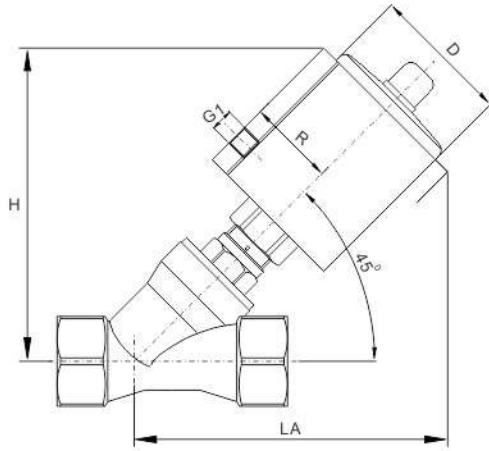
H series (Actuator material is Stainless steel)





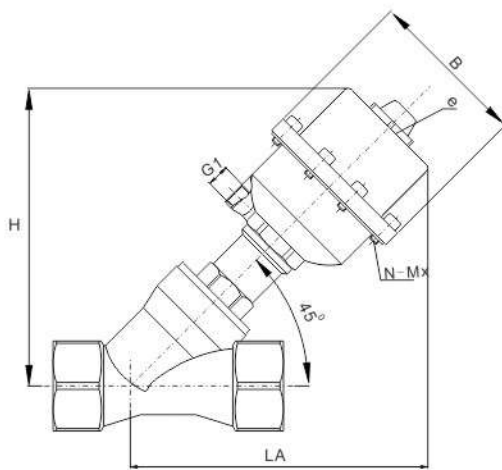
JZF series angle seat valve

Configuration dimension chart (mm)



G series

size	Actuator specifications	D	R	G1	H/LA	
					screw thread	welded
DN10	50	61	38	G1/8"	127	128
DN15	50	61	38	G1/8"	127	127
DN20	50	61	38	G1/8"	130	130
DN25	50	61	38	G1/8"	136	136
	63	75	45	G1/8"	158	158
DN32	63	75	45	G1/8"	167	167
	80	94	54	G1/4"	185	185
DN40	63	75	45	G1/8"	174	174
	80	94	54	G1/4"	192	192
	100	115	64	G1/4"	212	212
DN50	63	75	45	G1/8"	185	185
	80	94	54	G1/4"	203	203
	100	115	64	G1/4"	222	222
DN65	80	94	54	G1/4"	224	224
	100	115	64	G1/4"	244	244



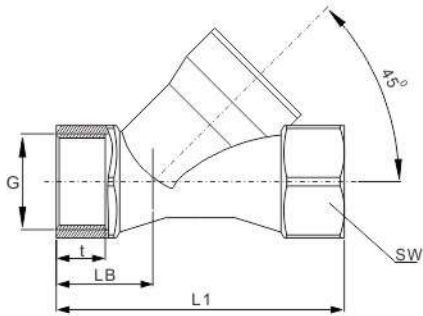
H series

size	Actuator specifications	ΦB	G1	E	N-Mx	H/LA	
						screw thread	welded
DN10	50	71	G1/8"	M16×1.5	6-M4	122	122
DN15	50	71	G1/8"	M16×1.5	6-M4	121	121
DN20	50	71	G1/8"	M16×1.5	6-M4	123	123
	70	94	G1/8"	M16×1.5	8-M5	141	141
DN25	50	71	G1/8"	M16×1.5	6-M4	130	130
	70	94	G1/8"	M16×1.5	8-M5	148	148
DN32	70	94	G1/8"	M16×1.5	8-M5	157	157
	100	132	G1/4"	M22×1.5	8-M6	192	192
DN40	70	94	G1/8"	M16×1.5	8-M5	164	164
	100	132	G1/4"	M22×1.5	8-M6	202	202
	125	160	G1/4"	M22×1.5	14-M6	228	228
DN50	70	94	G1/8"	M16×1.5	8-M5	174	174
	100	132	G1/4"	M22×1.5	8-M6	212	212
	125	160	G1/4"	M22×1.5	14-M6	288	288
DN65	100	132	G1/4"	M22×1.5	8-M6	239	239
	125	140	G1/4"	M22×1.5	14-M6	271	271

Sanlixin Solenoid Valve

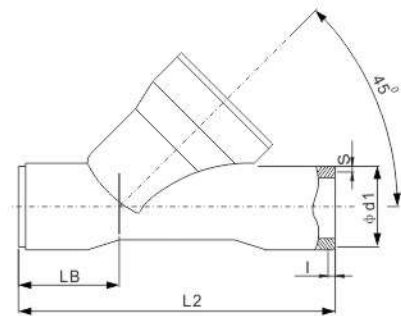
JZF series angle seat valve

screw thread type Body size (mm)



Valve body (screw thread size)					BSP	NPT	NPTF	BSPT	
DN	L1	LB	SW		G	t	t	t	t
10	74	25.5	22	6-kt	3/8"	10	10.6	11.7	10.1
15	74	25.5	25	6-kt	1/2"	11.5	15.4	15.4	13.2
20	84	29	31	6-kt	3/4"	14	14.3	15.9	14.5
25	100	33.5	39	6-kt	1"	15	17	19	16.8
32	112	36	50	6-kt	1-1/4"	18	17.5	19.5	19.1
40	126	41	56	6-kt	1-1/2"	18	17.5	19.5	19.1
50	146	46	68	6-kt	2"	22	18	19.9	23.4
65	196	61	85	6-kt	2-1/2"	25	24	30	26.7

welded type Body size (mm)

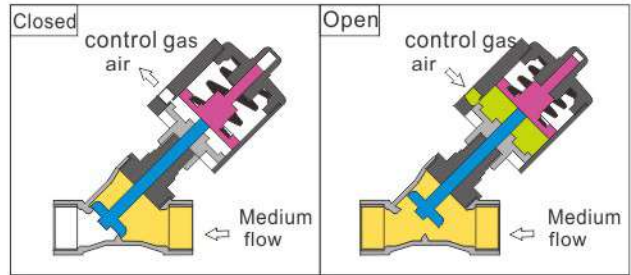
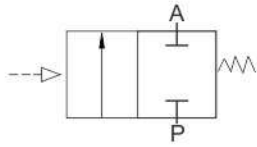


		ISO1127/4200			DIN11850.1			DIN11850.2			DIN11850.3			
DN	L2	LB	I	d1	s	I	d1	s	I	d1	s	I	d1	s
10	70	22	2	17.2	1.6	2	12	1	2	13	1.5	2	14	2
15	88	30	2	21.3	1.6	2	18	1	2	19	1.5	2	20	2
20	92	30	2.5	26.9	1.6	2.5	22	1	2.5	23	1.5	2.5	24	2
25	110	35	3	33.7	2	3	28	1	3	29	1.5	3	30	2
32	126	39	3	42.4	2	3	34	1	3	35	1.5	3	36	2
40	144	46	3	48.3	2	3	40	1	3	41	1.5	3	42	2
50	166	48	3	60.3	2	3	52	1	3	53	1.5	3	54	2
65	208	60	3	76.1	2				3	70	2			

		SMS 3008			ASME BPE			ORIFICE	
DN	L2	LB	I	d1	s	I	d1	s	
15	70	22	2.5	12	1	2.5	12.7	1.65	DN10
20	88	30	2	18	1	2	19.05	1.65	DN15
25	92	30	2.5	25	1.2	2.5	25.4	1.65	DN20
40	126	39	3	38	1.2	3	38.1	1.65	DN32
50	144	46	3	51	1.2	3	50.8	1.65	DN40
65	166	48	3	63.5	1.6	3	63.5	1.65	DN50
80	208	60	3	76.1	1.6	3	76.2	1.65	DN65

JZF series angle seat valve

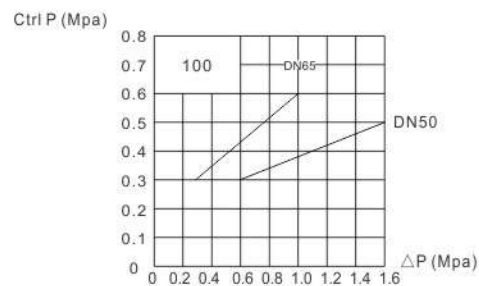
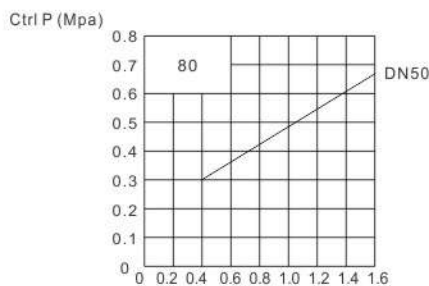
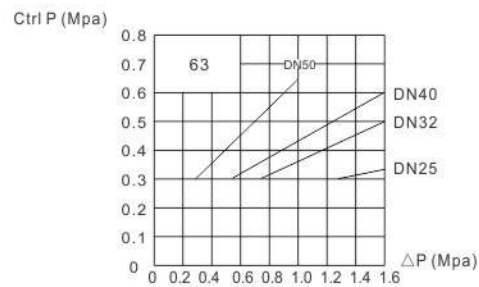
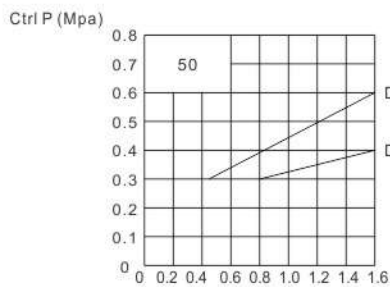
G series Single acting normally closed



Orifice size (mm)	KV (m ³ /h)	Pipe size	Actuator	Min working pressure (MPa)	Max working pressure (Mpa)	Min control pressure (Mpa)	code	weight (kg)
DN10	4.7	3/8"	50	0	1.6	≥0.3	JZF1G1T3C10	0.8
DN15	4.7	1/2"	50	0	1.6	≥0.3	JZF1G1T3D15	0.90
DN20	9.5	3/4"	50	0	1.6	0.3-0.4	JZF1G1T3E20	0.95
DN25	18.1	1"	50	0	1.6	0.3-0.55	JZF1G1T3G25	1.52
			63	0	1.6	0.3-0.4	JZF1G2T3G25	1.76
DN32	23.1	1-1/4"	63	0	1.6	0.3-0.55	JZF1G2T3H32	2.54
DN40	32.9	1-1/2"	63	0	1.6	0.3-0.65	JZF1G2T3J40	2.95
DN50	52.8	2"	63	0	1.0	0.3-0.65	JZF1G2T3K50	3.68
			80	0	1.6	0.3-0.66	JZF1G3T3K50	4.85
			100	0	1.6	0.3-0.5	JZF1G4T3K50	5.36
DN65	82	2-1/2"	100	0	1.0	0.3-0.6	JZF1G4T3L65	9.50

Note: 1, all the technical parameters of welded Angle seat valve and screw-type Angle seat valve, connection size refer to welded body size

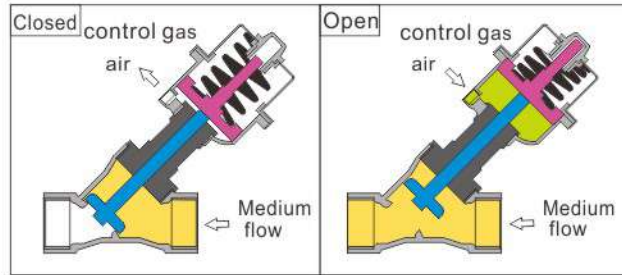
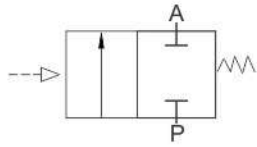
2, if the medium is steam, pressure will be subject to the temperature, max medium temperature is 180 °C



Sanlixin Solenoid Valve

JZF series angle seat valve

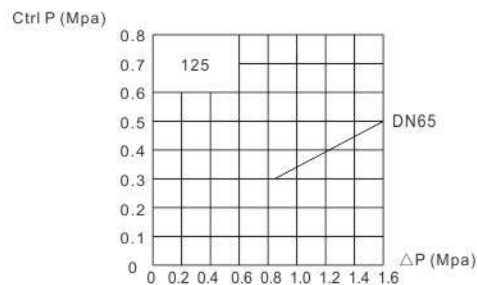
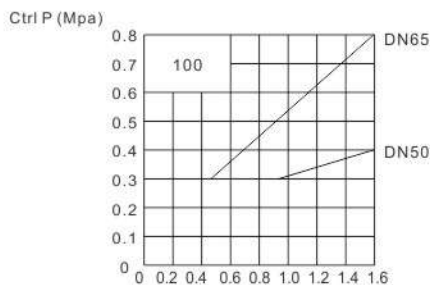
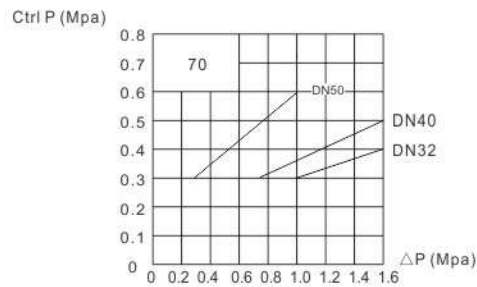
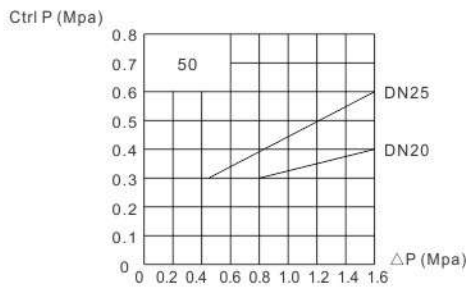
H series Single acting normally closed



Orifice size (mm)	KV (m ³ /h)	Pipe size	Actuator	Min working pressure (MPa)	Max working pressure (Mpa)	Min control pressure (Mpa)	code	weight (kg)
DN10	4.7	3/8"	50	0	1.6	≥0.3	JZF1H1T3C10	0.8
DN15	4.7	1/2"	50	0	1.6	≥0.3	JZF1H1T3D15	0.95
DN20	9.5	3/4"	50	0	1.6	0.3-0.4	JZF1H1T3E20	1.00
DN25	18.1	1"	50	0	1.6	0.3-0.6	JZF1H1T3G25	1.33
			70	0	1.6	≥0.3	JZF1H2T3G25	1.85
DN32	23.1	1-1/4"	70	0	1.6	0.3-0.4	JZF1H2T3H32	2.15
			100	0	1.6	≥0.3	JZF1H3T3H32	3.95
DN40	32.9	1-1/2"	70	0	1.6	0.3-0.5	JZF1H2T3J40	3.02
			100	0	1.6	≥0.3	JZF1H3T3J40	4.30
DN50	52.8	2"	70	0	1.0	0.3-0.6	JZF1H2T3K50	4.00
			100	0	1.6	0.3-0.4	JZF1H3T3K50	5.00
			125	0	1.6	≥0.3	JZF1H4T3K50	7.18
DN65	82	2-1/2"	100	0	1.6	0.3-0.8	JZF1H3T3L65	7.39
			125	0	1.6	0.3-0.5	JZF1H4T3L65	10.00

Note: 1, all the technical parameters of welded Angle seat valve and screw-type Angle seat valve, connection size refer to welded body size

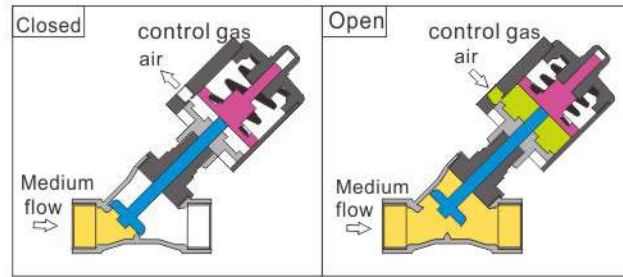
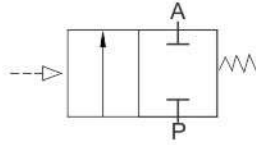
2, if the medium is steam, pressure will be subject to the temperature, max medium temperature is 180 °C



JZF series angle seat valve

G series Single acting normally closed

(Water hammer)



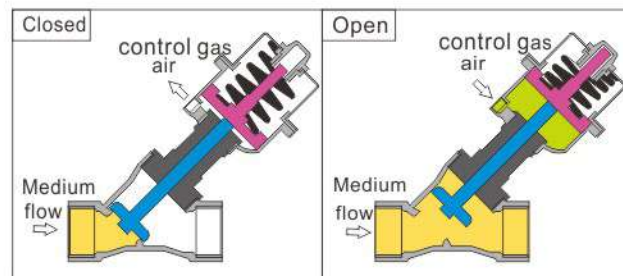
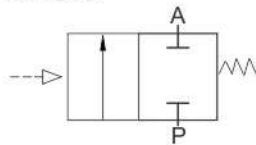
Orifice size (mm)	KV (m ³ /h)	Pipe size	Actuator	Min working pressure (MPa)	Max working pressure(Mpa)	Min control pressure(Mpa)	code	weight (kg)
DN10	4.7	3/8"	50	0	1.6	0.45	JZF1G5T3C10	0.8
DN15	4.7	1/2"	50	0	1.6	0.45	JZF1G5T3D15	0.90
DN20	9.5	3/4"	50	0	1.0	0.45	JZF1G5T3E20	0.95
DN25	18.1	1"	63	0	0.8	0.45	JZF1G6T3G25	1.76
DN32	23.1	1-1/4"	80	0	1.1	0.4	JZF1G7T3H32	2.54
			80	0	0.8	0.4	JZF1G7T3J40	3.23
DN40	32.9	1-1/2"	100	0	1.6	0.4	JZF1G8T3J40	3.74
			100	0	0.9	0.4	JZF1G8T3K50	5.36

Note: 1, all the technical parameters of welded Angle seat valve and screw-type Angle seat valve, connection size refer to welded body size

2, if the medium is steam, pressure will be subject to the temperature, max medium temperature is 180 °C

H series Single acting normally closed

(Water hammer)



Orifice size (mm)	KV (m ³ /h)	Pipe size	Actuator	Min working pressure (MPa)	Max working pressure(Mpa)	Min control pressure(Mpa)	code	weight (kg)
DN10	4.7	3/8"	50	0	1.6	0.4	JZF1H5T3C10	0.84
DN15	4.7	1/2"	50	0	1.6	0.4	JZF1H5T3D15	0.95
DN20	9.5	3/4"	50	0	1.0	0.4	JZF1H5T3E20	1.00
			70	0	1.6	0.4	JZF1H6T3E20	1.52
DN25	18.1	1"	70	0	1.4	0.4	JZF1H6T3G25	1.85
DN32	23.1	1-1/4"	70	0	0.7	0.4	JZF1H6T3H32	2.15
			100	0	1.6	0.4	JZF1H7T3H32	3.95
DN40	32.9	1-1/2"	100	0	1.6	0.4	JZF1H7T3J40	4.30
			125	0	1.6	0.45	JZF1H8T3J40	6.38
DN50	52.8	2"	100	0	0.9	0.4	JZF1H7T3K50	5.00
			125	0	1.6	0.45	JZF1H8T3K50	7.18
DN65	82	2-1/2"	125	0	0.8	0.45	JZF1H8T3L65	10.00

Note: 1, all the technical parameters of welded Angle seat valve and screw-type Angle seat valve, connection size refer to welded body size

2, if the medium is steam, pressure will be subject to the temperature, max medium temperature is 180 °C

Sanlixin Solenoid Valve

ZKS series vacuum solenoid valve

Vacuum solenoid valve model numbering system for order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
ZKS	1	H	D		N	1	D	16	<input type="checkbox"/>
ZKS	1: Normally Closed	D: DIN Standard Connections, Fully Encapsulated A=Metallic Housing DIN standard N: Lead Wires, Water-tight, Fully Encapsulated X: Explosion-proof M: SM Coil	F=F Class	02= AC220V AC230V 01= AC110V AC120V 03= AC36V 04= AC48V 05= AC24V 08= AC380V 12= DC12V 13= DC24V	N= NBR E= EPDM V= VITON	1= Forged Brass 4= SS304 3= SS316	A=1/8" B=1/4" C=3/8" D=1/2" E=3/4" G=1" H=1 1/4" J=1 1/2" K=2" F= F lange Connection	C3=2.5 03=3.0 04=4.0 05=5.0 04=4.0 05=5.0 16=16.0 20=20.0 25=25.0 32=32.0 40=40.0 50=50.0 15=15.0 20=20.0 25=25.0 35=35.0 40=40.0 50=50.0	L= Neon Lamp N=NPT

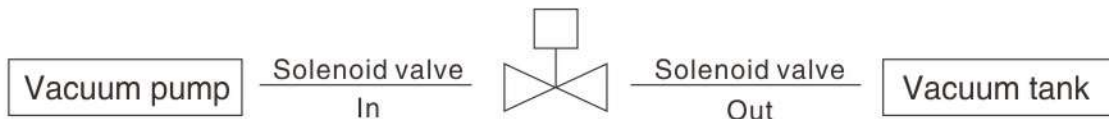
ZKS compact series 2/2-way direct acting vacuum solenoid valve · normally closed

1. 2/2-way normally closed, closed when -de-energized, open when energized.
2. Body material : Brass , SS304 , SS316
3. Ambient temp.: 0-65°C Fluid medium : 0-120°C
4. Voltage: AC220V/110V230V/240V 50/60Hz
DC24V/12V, ±10% Voltage Tolerance
5. Seal material: NBR、EPDM、VITON
6. Flow as the arrow, best position is the solenoid vertical and upright direction pipeline connection example in vacuum environment

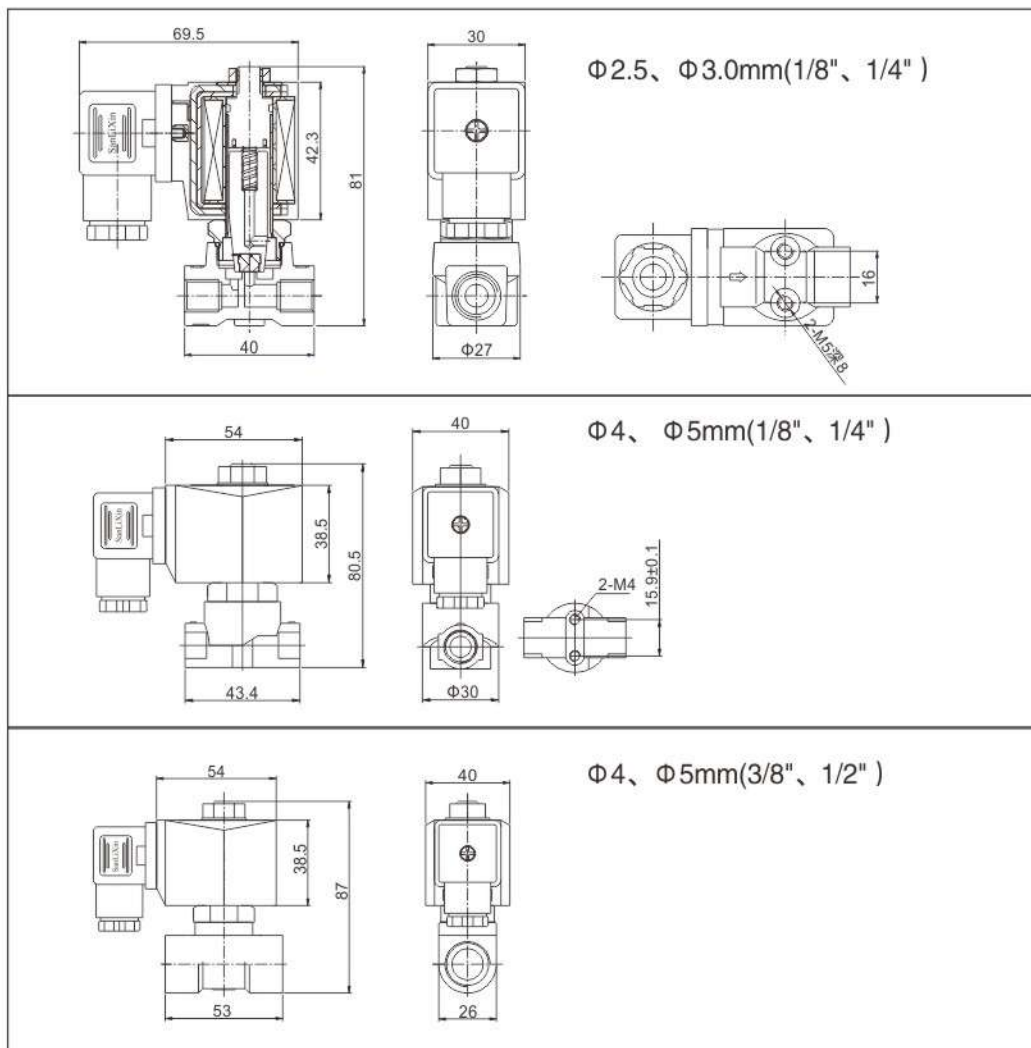


Vacuum pipeline connection example

Vacuum solenoid valve



External Dimensions



Sanlixin Solenoid Valve

ZKS compact series 2/2-way direct acting vacuum solenoid valve · normally closed

Valve Selection List

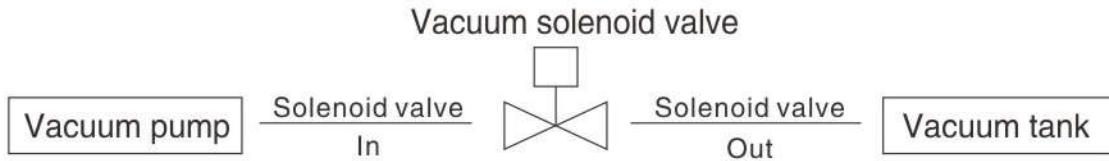
Pipe Conn- ection	Orifice (mm)	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Power		Coil Class	Model Code AC220V		Weight Kg
			Min.	Max.			VA	W		Forged Brass	Stainless Steel	
1/8"	2.5	0.23	-1	5	80	D	22	13	F	ZKS1DF02N1AC3	ZKS1DF02N3AC3	0.37
	2.5	0.23	-1	5	120	D	22	13	F	ZKS1DF02E1AC3	ZKS1DF02E3AC3	0.37
	2.5	0.23	-1	5	120	D	22	13	F	ZKS1DF02V1AC3	ZKS1DF02V3AC3	0.37
	3	0.23	-1	4	80	D	22	13	F	ZKS1DF02N1A03	ZKS1DF02N3A03	0.37
	3	0.23	-1	4	120	D	22	13	F	ZKS1DF02E1A03	ZKS1DF02E3A03	0.37
	3	0.23	-1	4	120	D	22	13	F	ZKS1DF02V1A03	ZKS1DF02V3A03	0.37
	4	0.6	-1	3	80	D	20	20	F	ZKS1DF02N1A04	ZKS1DF02N3A04	0.46
	4	0.6	-1	3	120	D	20	20	F	ZKS1DF02E1A04	ZKS1DF02E3A04	0.46
	4	0.6	-1	3	120	D	20	20	F	ZKS1DF02V1A04	ZKS1DF02V3A04	0.46
	5	0.65	-1	2	80	D	20	20	F	ZKS1DF02N1A05	ZKS1DF02N3A05	0.45
	5	0.65	-1	2	120	D	20	20	F	ZKS1DF02E1A05	ZKS1DF02E3A05	0.45
	5	0.65	-1	2	120	D	20	20	F	ZKS1DF02V1A05	ZKS1DF02V3A05	0.45
1/4"	2.5	0.23	-1	5	80	D	22	13	F	ZKS1DF02N1BC3	ZKS1DF02N3BC3	0.36
	2.5	0.23	-1	5	120	D	22	13	F	ZKS1DF02E1BC3	ZKS1DF02E3BC3	0.36
	2.5	0.23	-1	5	120	D	22	13	F	ZKS1DF02V1BC3	ZKS1DF02V3BC3	0.36
	3	0.23	-1	4	80	D	22	13	F	ZKS1DF02N1B03	ZKS1DF02N3B03	0.36
	3	0.23	-1	4	120	D	22	13	F	ZKS1DF02E1B03	ZKS1DF02E3B03	0.36
	3	0.23	-1	4	120	D	22	13	F	ZKS1DF02V1B03	ZKS1DF02V3B03	0.36
	4	0.6	-1	3	80	D	20	20	F	ZKS1DF02N1B04	ZKS1DF02N3B04	0.45
	4	0.6	-1	3	120	D	20	20	F	ZKS1DF02E1B04	ZKS1DF02E3B04	0.45
	4	0.6	-1	3	120	D	20	20	F	ZKS1DF02V1B04	ZKS1DF02V3B04	0.45
	5	0.65	-1	2	80	D	20	20	F	ZKS1DF02N1B05	ZKS1DF02N3B05	0.44
	5	0.65	-1	2	120	D	20	20	F	ZKS1DF02E1B05	ZKS1DF02E3B05	0.44
	5	0.65	-1	2	120	D	20	20	F	ZKS1DF02V1B05	ZKS1DF02V3B05	0.44
3/8"	4	0.6	-1	3	80	D	20	20	F	ZKS1DF02N1C04	ZKS1DF02N4C04	0.60
	4	0.6	-1	3	120	D	20	20	F	ZKS1DF02E1C04	ZKS1DF02E4C04	0.60
	4	0.6	-1	3	120	D	20	20	F	ZKS1DF02V1C04	ZKS1DF02V4C04	0.60
	5	0.65	-1	2	80	D	20	20	F	ZKS1DF02N1C05	ZKS1DF02N4C05	0.51
	5	0.65	-1	2	120	D	20	20	F	ZKS1DF02E1C05	ZKS1DF02E4C05	0.51
	5	0.65	-1	2	120	D	20	20	F	ZKS1DF02V1C05	ZKS1DF02V4C05	0.51
1/2"	4	0.65	-1	3	80	D	20	20	F	ZKS1DF02N1D04	ZKS1DF02N4D04	0.48
	4	0.65	-1	3	120	D	20	20	F	ZKS1DF02E1D04	ZKS1DF02E4D04	0.48
	4	0.65	-1	3	120	D	20	20	F	ZKS1DF02V1D04	ZKS1DF02V4D04	0.48
	5	0.8	-1	2	80	D	20	20	F	ZKS1DF02N1D05	ZKS1DF02N4D05	0.46
	5	0.8	-1	2	120	D	20	20	F	ZKS1DF02E1D05	ZKS1DF02E4D05	0.46
	5	0.8	-1	2	120	D	20	20	F	ZKS1DF02V1D05	ZKS1DF02V4D05	0.46

ZKS 2/2-way large diameter direct acting vacuum solenoid valve · normally closed

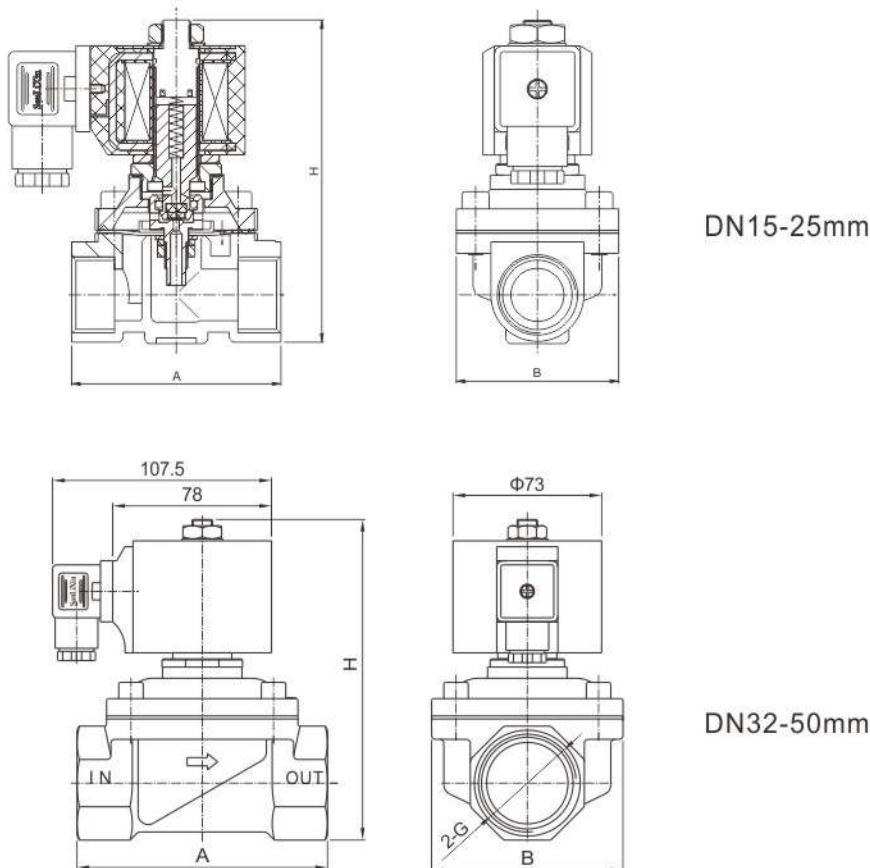
1. 2/2-way normally closed, closed when -de-energized, open when energized.
2. Body material :Brass
3. Ambient temp.: 0-65°C Fluid medium: 0-120°C
4. Voltage: AC220V/110V230V/240V 50/60Hz
DC24V/12V, ±10% Voltage Tolerance
5. Seal material: NBR、EPDM、VITON
6. Flow as the arrow, best position is the solenoid vertical and upright direction



Vacuum pipeline connection example



External Dimensions



Sanlixin Solenoid Valve

ZKS 2/2-way large diameter direct acting vacuum solenoid valve · normally closed

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Min control pressure (kgf/cm ²)	Coil Type	Power		Coil Class	External Dimensions A×B×H	Model Code AC220V	Weight Kg
			Min.	Max.				VA AC 220V	W DC 24V				
				Air									
				AC	DC								
3/8"	16	4.8	-1	6	5	80	D	20	20	F	69×57×106	ZKS1DF02N1C16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02E1C16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02V1C16	0.9
1/2"	16	4.8	-1	6	5	80	D	20	20	F	69×57×106	ZKS1DF02N1D16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02E1D16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02V1D16	0.9
3/4"	20	7.6	-1	6	5	80	D	20	20	F	73×57×114	ZKS1DF02N1E20	1.08
	20	7.6	-1	6	5	120	D	20	20	F	73×57×114	ZKS1DF02E1E20	1.08
	20	7.6	-1	6	5	120	D	20	20	F	73×57×114	ZKS1DF02V1E20	1.08
1"	20	7.6	-1	6	5	80	D	20	20	F	80×62×117	ZKS1DF02N1G20	1.2
	20	7.6	-1	6	5	120	D	20	20	F	80×62×117	ZKS1DF02E1G20	1.2
	20	7.6	-1	6	5	120	D	20	20	F	80×62×117	ZKS1DF02V1G20	1.2
	25	12	-1	6	5	80	D	20	20	F	99×77×121	ZKS1DF02N1G25	1.4
	25	12	-1	6	5	120	D	20	20	F	99×77×121	ZKS1DF02E1G25	1.4
	25	12	-1	6	5	120	D	20	20	F	99×77×121	ZKS1DF02V1G25	1.4
1 1/4"	32	24	-1	6	5	80	D	57	45	F	112×86.5×150	ZKS1DF02N1H32	2.7
	32	24	-1	6	5	120	D	57	45	F	112×86.5×150	ZKS1DF02E1H32	2.7
	32	24	-1	6	5	120	D	57	45	F	112×86.5×150	ZKS1DF02V1H32	2.7
1 1/2"	32	24	-1	6	5	80	D	57	45	F	120×86.5×160	ZKS1DF02N1J32	2.8
	32	24	-1	6	5	120	D	57	45	F	120×86.5×160	ZKS1DF02E1J32	2.8
	32	24	-1	6	5	120	D	57	45	F	120×86.5×160	ZKS1DF02V1J32	2.8
	40	29	-1	6	5	80	D	57	45	F	123×94×160	ZKS1DF02N1J40	3.2
	40	29	-1	6	5	120	D	57	45	F	123×94×160	ZKS1DF02E1J40	3.2
	40	29	-1	6	5	120	D	57	45	F	123×94×160	ZKS1DF02V1J40	3.2
2"	40	29	-1	6	5	80	D	57	45	F	130×94×175	ZKS1DF02N1K40	3.8
	40	29	-1	6	5	120	D	57	45	F	130×94×175	ZKS1DF02E1K40	3.8
	40	29	-1	6	5	120	D	57	45	F	130×94×175	ZKS1DF02V1K40	3.8
	50	48	-1	6	5	80	D	57	45	F	165×120×176	ZKS1DF02N1K50	5.2
	50	48	-1	6	5	120	D	57	45	F	165×120×176	ZKS1DF02E1K50	5.2
	50	48	-1	6	5	120	D	57	45	F	165×120×176	ZKS1DF02V1K50	5.2



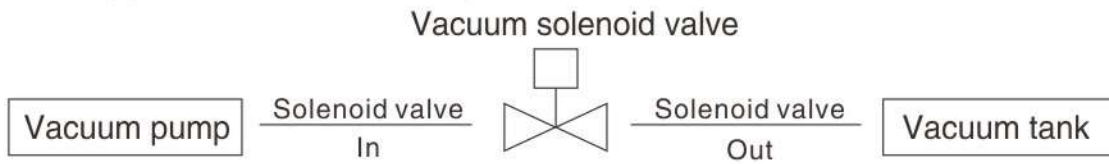


ZKS 2/2-way large diameter direct acting (stainless steel) vacuum solenoid valve · normally closed

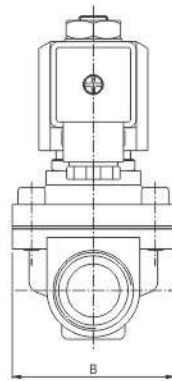
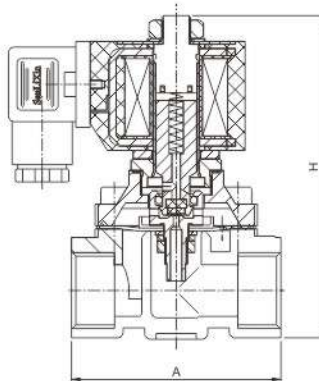
1. 2/2-way normally closed, closed when -de-energized, open when energized.
2. Body material :SS304 SS316
3. Ambient temp.: 0-65°C Fluid medium: 0-120°C
4. Voltage: AC220V/110V230V/240V 50/60Hz
DC24V/12V, ±10% Voltage Tolerance
5. Seal material: NBR、EPDM、VITON
6. Flow as the arrow, best position is the solenoid vertical and upright direction



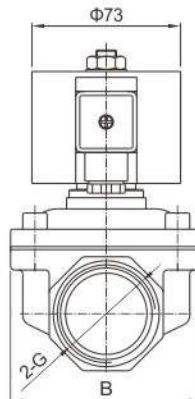
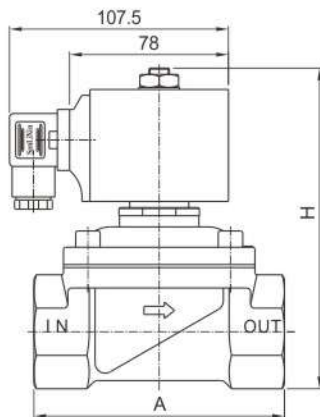
Vacuum pipeline connection example



External Dimensions



DN15-25mm



DN32-50mm



Sanlixin Solenoid Valve

ZKS 2/2-way large diameter direct acting (stainless steel) vacuum solenoid valve · normally closed

Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Min control pressure (kgf/cm ²)	Coil Type	Power		Coil Class	External Dimensions A×B×H	Model Code AC220V	Weight Kg
			Min.	Max.				VA AC 220V	W DC 24V				
				Air									
				AC	DC								
3/8"	16	4.8	-1	6	5	80	D	20	20	F	69×57×106	ZKS1DF02N4C16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02E4C16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02V4C16	0.9
1/2"	16	4.8	-1	6	5	80	D	20	20	F	69×57×106	ZKS1DF02N4D16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02E4D16	0.9
	16	4.8	-1	6	5	120	D	20	20	F	69×57×106	ZKS1DF02V4D16	0.9
3/4"	20	7.6	-1	6	5	80	D	20	20	F	73×57×114	ZKS1DF02N4E20	1.08
	20	7.6	-1	6	5	120	D	20	20	F	73×57×114	ZKS1DF02E4E20	1.08
	20	7.6	-1	6	5	120	D	20	20	F	73×57×114	ZKS1DF02V4E20	1.08
1"	20	7.6	-1	6	5	80	D	20	20	F	80×62×117	ZKS1DF02N4G20	1.2
	20	7.6	-1	6	5	120	D	20	20	F	80×62×117	ZKS1DF02E4G20	1.2
	20	7.6	-1	6	5	120	D	20	20	F	80×62×117	ZKS1DF02V4G20	1.2
	25	12	-1	6	5	80	D	20	20	F	99×77×121	ZKS1DF02N4G25	1.4
	25	12	-1	6	5	120	D	20	20	F	99×77×121	ZKS1DF02E4G25	1.4
	25	12	-1	6	5	120	D	20	20	F	99×77×121	ZKS1DF02V4G25	1.4
1 1/4"	32	24	-1	6	5	80	D	57	45	F	112×86.5×150	ZKS1DF02N4H32	2.7
	32	24	-1	6	5	120	D	57	45	F	112×86.5×150	ZKS1DF02E4H32	2.7
	32	24	-1	6	5	120	D	57	45	F	112×86.5×150	ZKS1DF02V4H32	2.7
1 1/2"	32	24	-1	6	5	80	D	57	45	F	120×86.5×160	ZKS1DF02N4J32	2.8
	32	24	-1	6	5	120	D	57	45	F	120×86.5×160	ZKS1DF02E4J32	2.8
	32	24	-1	6	5	120	D	57	45	F	120×86.5×160	ZKS1DF02V4J32	2.8
	40	29	-1	6	5	80	D	57	45	F	123×94×160	ZKS1DF02N4J40	3.2
	40	29	-1	6	5	120	D	57	45	F	123×94×160	ZKS1DF02E4J40	3.2
	40	29	-1	6	5	120	D	57	45	F	123×94×160	ZKS1DF02V4J40	3.2
2"	40	29	-1	6	5	80	D	57	45	F	130×94×175	ZKS1DF02N4K40	3.8
	40	29	-1	6	5	120	D	57	45	F	130×94×175	ZKS1DF02E4K40	3.8
	40	29	-1	6	5	120	D	57	45	F	130×94×175	ZKS1DF02V4K40	3.8
	50	48	-1	6	5	80	D	57	45	F	165×120×176	ZKS1DF02N4K50	5.2
	50	48	-1	6	5	120	D	57	45	F	165×120×176	ZKS1DF02E4K50	5.2
	50	48	-1	6	5	120	D	57	45	F	165×120×176	ZKS1DF02V4K50	5.2

ZKS 2/2-way large diameter direct acting (stainless steel) vacuum solenoid valve normally closed

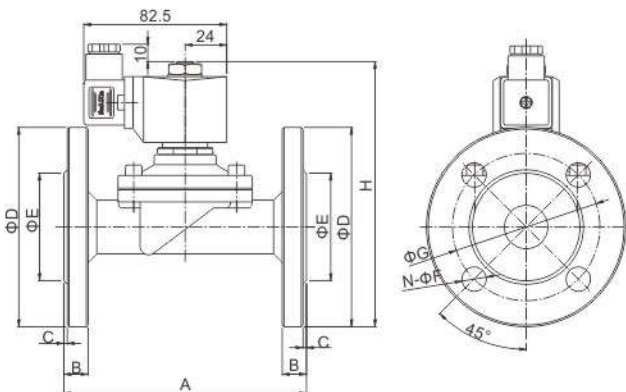
1. 2/2-way normally closed, closed when -de-energized, open when energized.
2. Body material :SS304 SS316
3. Ambient temp.: 0-65°C Fluid medium: 0-120°C
4. Voltage: AC220V/110V230V/240V 50/60Hz
DC24V/12V, ±10% Voltage Tolerance
5. Seal material: NBR、EPDM、VITON
6. Flow as the arrow, best position is the solenoid vertical and upright direction



Valve Selection List (Flange interface)

Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)			Max. fluids Temp. °C	Coil Type	Power		Coil Class	Model Code AC220V	Weight Kg
		Min.	Max.				AC 220V	DC 24V			
			Air								
			AC	DC							
15	4.8	-1	6	5	80	D	20	20	F	ZKS1DF02N4F15	1.8
15	4.8	-1	6	5	120	D	20	20	F	ZKS1DF02E4F15	1.8
15	4.8	-1	6	5	120	D	20	20	F	ZKS1DF02V4F15	1.8
20	7.6	-1	6	5	80	D	20	20	F	ZKS1DF02N4F20	2.0
20	7.6	-1	6	5	120	D	20	20	F	ZKS1DF02E4F20	2.0
20	7.6	-1	6	5	120	D	20	20	F	ZKS1DF02V4F20	2.0
25	12	-1	6	5	80	D	20	20	F	ZKS1DF02N4F25	2.9
25	12	-1	6	5	120	D	20	20	F	ZKS1DF02E4F25	2.9
25	12	-1	6	5	120	D	20	20	F	ZKS1DF02V4F25	2.9
32	24	-1	6	5	80	D	57	45	F	ZKS1DF02N4F32	5.1
32	24	-1	6	5	120	D	57	45	F	ZKS1DF02E4F32	5.1
32	24	-1	6	5	120	D	57	45	F	ZKS1DF02V4F32	5.1
40	29	-1	6	5	80	D	57	45	F	ZKS1DF02N4F40	6.1
40	29	-1	6	5	120	D	57	45	F	ZKS1DF02E4F40	6.1
40	29	-1	6	5	120	D	57	45	F	ZKS1DF02V4F40	6.1
50	48	-1	6	5	80	D	57	45	F	ZKS1DF02N4F50	8.2
50	48	-1	6	5	120	D	57	45	F	ZKS1DF02E4F50	8.2
50	48	-1	6	5	120	D	57	45	F	ZKS1DF02V4F50	8.2

Flange series External Dimensions



型号	A	B	C	ΦD	ΦE	N-ΦF	ΦG	H
ZKS-15BF	106	12	2	95	45	4-14	65	138
ZKS-20BF	106	12	2	102	56	4-14	75	141
ZKS-25BF	140	14	2	115	62	4-14	85	160
ZKS-32BF	152	15	2	135	76	4-18	100	215
ZKS-40BF	152	15	2	145	84	4-18	110	215
ZKS-50BF	195	16	2	160	98	4-18	125	220

Sanlixin Solenoid Valve

STJF series proportional valve

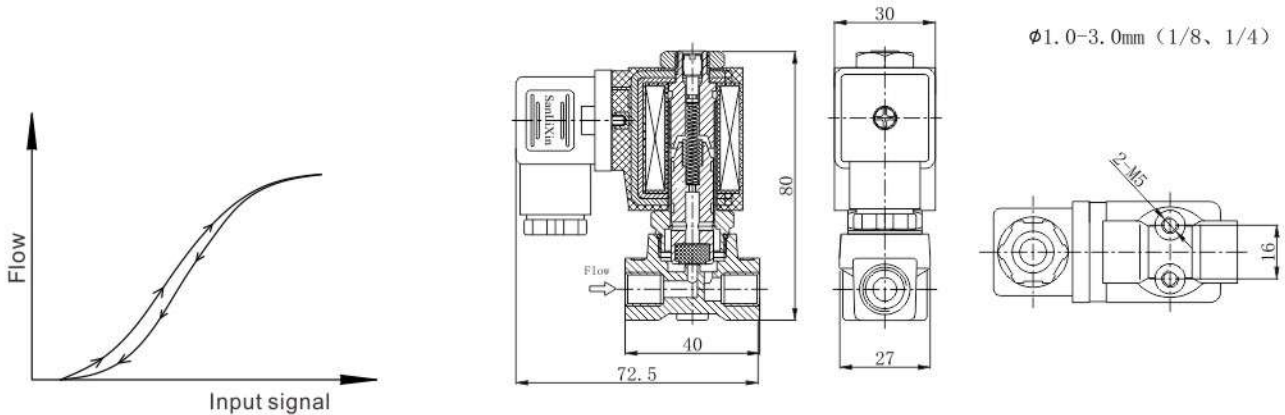
1. 2-way normally closed proportional valve, Wide Linear ControlRange, Cleaned for Oxygen Service
2. Body Material: Brass, Stainless steel
3. Ambient temp.: -10- -60C
4. Voltage: DC24V. DC12V - -5%~+ 10% Voltage tolerance
5. Media: Air, Oxygen, water and other medical gases.
6. PWM: 300HZ~350HZ
7. Pipe size: 1/8"~1/4"
8. Hysteresis: <8%, Repeatability: <5%
9. We advise the valve to use with the PWM & Sensor
10. This series solenoid valve match with UL & CE



Solenoid valve model numbering system for order

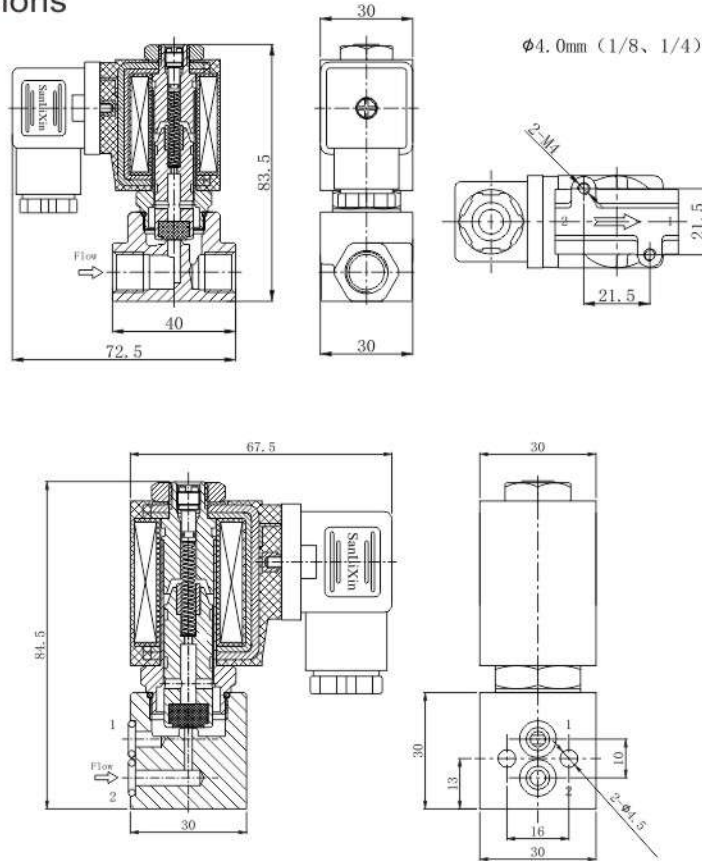
	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body material	Pipe size	Orifice (mm)	Options
E.G.	STJF	1	D	H	13	V	1	A	02	□
		1:Normally Closed	D=DIN standard connections, fully encapsulated	H= H Class	13= DC24 12= DC12V	V=VITON N=NBR	1= Forged Brass 3= SS316 9= Brass	A=1/8" B=1/4" M= Plate type	01=1.0 C1=1.2 C2=1.5 02=2.0 C3=2.5 03=3.0 04=4.0	N=NPT Thread L=Neon Lamp Bland is G thread

External Dimensions



STJF series proportional valve

External Dimensions



Body: 9

Valve Selection List

Pipe Conn- -ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Coil Type	Coil Class	Power W DC 24V	Max. fluids Temp. °C	Model Code Follows Voltage are DC 24V The sealing materials is Viton		Weight Kg
			Min.	Max.					Forged Brass	Stainless Steel	
1/8"	1.0	0.04	0	10	D	H	17	80	STJF1DH13V1A01	STJF1DH13V3A01	0.4
	1.2	0.05	0	8	D	H	17	80	STJF1DH13V1AC1	STJF1DH13V3AC1	0.4
	1.5	0.08	0	8	D	H	17	80	STJF1DH13V1AC2	STJF1DH13V3AC2	0.4
	2.0	0.14	0	6	D	H	17	80	STJF1DH13V1A02	STJF1DH13V3A02	0.4
	2.5	0.23	0	4	D	H	17	80	STJF1DH13V1AC3	STJF1DH13V3AC3	0.4
	3.0	0.25	0	3	D	H	17	80	STJF1DH13V1A03	STJF1DH13V3A03	0.4
	4.0	0.4	0	2	D	H	17	80	STJF1DH13V1A04	STJF1DH13V3A04	0.45
1/4"	1.0	0.04	0	10	D	H	17	80	STJF1DH13V1B01	STJF1DH13V3B01	0.39
	1.2	0.05	0	8	D	H	17	80	STJF1DH13V1BC1	STJF1DH13V3BC1	0.39
	1.5	0.08	0	8	D	H	17	80	STJF1DH13V1BC2	STJF1DH13V3BC2	0.39
	2.0	0.14	0	6	D	H	17	80	STJF1DH13V1B02	STJF1DH13V3B02	0.39
	2.5	0.23	0	4	D	H	17	80	STJF1DH13V1BC3	STJF1DH13V3BC3	0.39
	3.0	0.25	0	3	D	H	17	80	STJF1DH13V1B03	STJF1DH13V3B03	0.39
	4.0	0.4	0	2	D	H	17	80	STJF1DH13V1B04	STJF1DH13V3B04	0.44



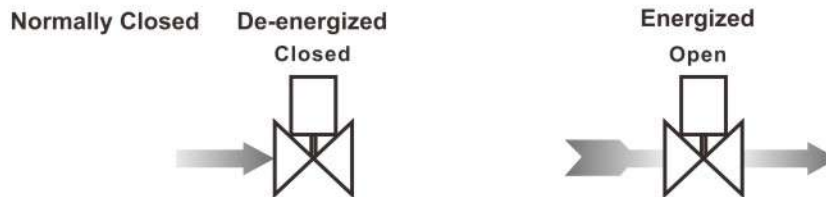
Sanlixin Solenoid Valve

STJS 2/2-way flow adjustable direct-acting solenoid valve · normally closed

1. 2/2-way normally closed solenoid valve, Closed when de-energized, open when energized.
2. The products are produced in series and are small in size. The flow rate can be adjusted by adjusting the knob to meet the needs of non-stop flow.
3. This series of solenoid valves are small in size, large in flow, easy to operate and have a wide range of applications.
4. Body material: brass
5. Ambient temp.: 0°C~65°C
6. Medium temperature: 0°C~120°C
7. Voltage: AC24V/110V/220V/230V/240V 50/60Hz
DC24V/12V ±10% allowed
8. Seal material: NBR. VITON EPDM etc
9. diameter: DN2-5.0mm



Flow as the arrow, mounts in any position, Best position is solenoid certical and upright direction.

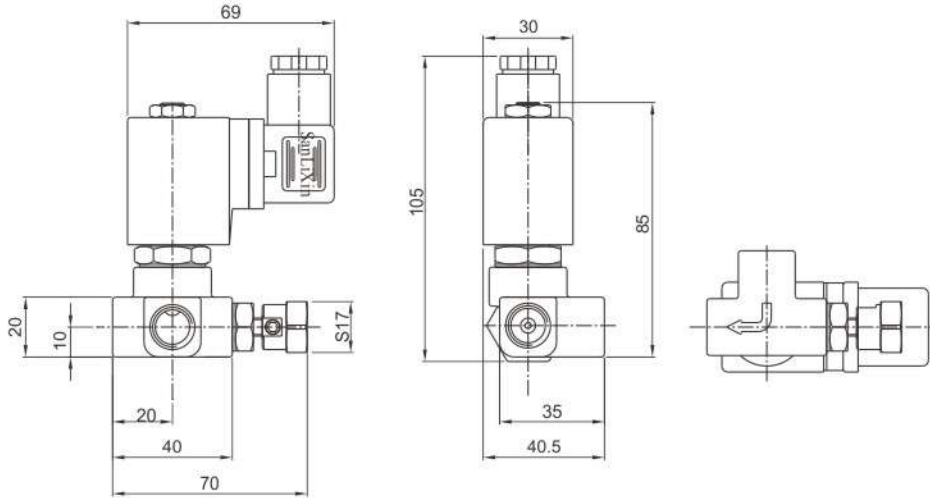


Solenoid valve model numbering system for order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body material	Pipe size	Orifice (mm)	Options
STJS	1	D	F	02	N	1	B	02	<input type="checkbox"/>
STJS	1= Normally Closed	D= DIN Standard Connections, Fully Encapsulated N= Lead Wires, Water-tight, Fully Encapsulated U= Underwater coil M= SM coil	F=F Class	02= AC220V AC230V 01= AC110V AC120V 05= AC24V 12= DC12V 13= DC24V For other voltages, please consult the company	N=NBR E=EPDM V=VITON	1= Brass	A=1/8" B=1/4"	02=2.0 03=3.0 04=4.0 05=5.0	N=NPT L= Neon Lamp

STJS 2/2-way flow adjustable direct-acting solenoid valve · normally closed

External Dimensions



Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)						Max. fluids Temp. °C	Coil Type	Power		Coil Class	Model Code AC220V	Weight Kg	
			Min.	Max.							VA AC 220V	W DC 24V				
				Air Gas		water, hot water liquid		light oil ≤ 20CST								
				AC	DC	AC	DC	AC								DC
1/8"	2.0	0.14	0	25	25	25	25	20	20	80	D	22	13	F	STJS1DF02N1A02	0.50
	2.0	0.14	0	25	25	25	25			120	D	22	13	F	STJS1DF02E1A02	0.50
	2.0	0.14	0	25	25	25	25	20	20	120	D	22	13	F	STJS1DF02V1A02	0.50
	2.5	0.23	0	20	20	20	20	15	15	80	D	22	13	F	STJS1DF02N1AC3	0.50
	2.5	0.23	0	20	20	20	20			120	D	22	13	F	STJS1DF02E1AC3	0.50
	2.5	0.23	0	20	20	20	20	15	15	120	D	22	13	F	STJS1DF02V1AC3	0.50
	3.0	0.30	0	13	13	13	13	10	10	80	D	22	13	F	STJS1DF02N1A03	0.50
	3.0	0.30	0	13	13	13	13			120	D	22	13	F	STJS1DF02E1A03	0.50
	3.0	0.30	0	13	13	13	13	10	10	120	D	22	13	F	STJS1DF02V1A03	0.50
	4.0	0.60	0	8	8	8	8	6	6	80	D	22	13	F	STJS1DF02N1A04	0.50
	4.0	0.60	0	8	8	8	8			120	D	22	13	F	STJS1DF02E1A04	0.50
	4.0	0.60	0	8	8	8	8	6	6	120	D	22	13	F	STJS1DF02V1A04	0.50
	5.0	0.65	0	6	6	6	6	4	4	80	D	22	13	F	STJS1DF02N1A05	0.50
	5.0	0.65	0	6	6	6	6			120	D	22	13	F	STJS1DF02E1A05	0.50
5.0	0.65	0	6	6	6	6	4	4	120	D	22	13	F	STJS1DF02V1A05	0.50	
1/4"	2.0	0.14	0	25	25	25	25	20	20	80	D	22	13	F	STJS1DF02N1B02	0.45
	2.0	0.14	0	25	25	25	25			120	D	22	13	F	STJS1DF02E1B02	0.45
	2.0	0.14	0	25	25	25	25	20	20	120	D	22	13	F	STJS1DF02V1B02	0.45
	2.5	0.23	0	20	20	20	20	15	15	80	D	22	13	F	STJS1DF02N1BC3	0.45
	2.5	0.23	0	20	20	20	20			120	D	22	13	F	STJS1DF02E1BC3	0.45
	2.5	0.23	0	20	20	20	20	15	15	120	D	22	13	F	STJS1DF02V1BC3	0.45
	3.0	0.30	0	13	13	13	13	10	10	80	D	22	13	F	STJS1DF02N1B03	0.45
	3.0	0.30	0	13	13	13	13			120	D	22	13	F	STJS1DF02E1B03	0.45
	3.0	0.30	0	13	13	13	13	10	10	120	D	22	13	F	STJS1DF02V1B03	0.45
	4.0	0.60	0	8	8	8	8	6	6	80	D	22	13	F	STJS1DF02N1B04	0.45
	4.0	0.60	0	8	8	8	8			120	D	22	13	F	STJS1DF02E1B04	0.45
	4.0	0.60	0	8	8	8	8	6	6	120	D	22	13	F	STJS1DF02V1B04	0.45
	5.0	0.65	0	6	6	6	6	4	4	80	D	22	13	F	STJS1DF02N1B05	0.45
	5.0	0.65	0	6	6	6	6			120	D	22	13	F	STJS1DF02E1B05	0.45
5.0	0.65	0	6	6	6	6	4	4	120	D	22	13	F	STJS1DF02V1B05	0.45	

Sanlixin Solenoid Valve

SLOW series water hammer resist solenoid valve · normally closed

1. 2/2-way normally closed solenoid valve, Closed when de-energized, open when energized.
2. This solenoid valve closed slowly. can solve the water hammer the problem.
3. Body material: Brass Ss304
4. Pressure resistance: 20kgf/cm² Ambient temp.: 0°C~65°C
5. Voltage: AC24V/110V/220V/230V/240V 50/60Hz
DC24V/12V ±10% allowed
6. Seal material: NBR. VITON EPDM etc

Flow as the arrow, mounts in any position, Best position is solenoid certical and upright direction.

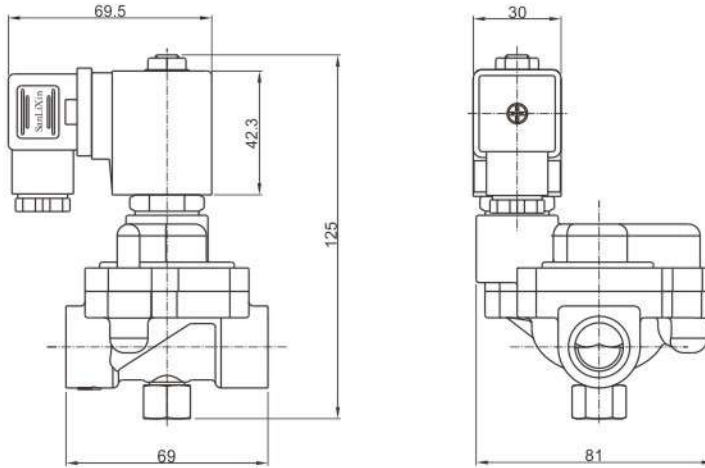


Solenoid valve model numbering system for order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body material	Pipe size	Orifice (mm)	Options
SLOW	1	D	F	02	N	1	D	02	□
SLOW	1= Normally Closed	D= DIN Standard Connections, Fully Encapsulated	F= F Class	02= AC220V AC230V 01= AC110V AC120V 12=DC12V 13=DC24V	N=NBR E=EPDM V=VITON	1= Forged Brass 4= SS304	D=1/2"	16=16.0	N=NPT L= Neon Lamp

SLOW series water hammer resist solenoid valve · normally closed

External Dimensions



Valve Selection List

Pipe Connection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Power		Coil Class	Model Code AC220V		Weight Kg
			Min.	Max. water			VA AC 220 V	W DC 24 V		Forged Brass	SS304	
1/2"	16	4.8	0.5	10	80	D	22	13	F	SLOW1DF02N1D16	SLOW1DF02N4D16	1.0
	16	4.8	0.5	10	130	D	22	13	F	SLOW1DF02E1D16	SLOW1DF02E4D16	1.0
	16	4.8	0.5	10	120	D	22	13	F	SLOW1DF02V1D16	SLOW1DF02V4D16	1.0

Sanlixin Solenoid Valve

SWXF series mini power solenoid valve · normally closed

1. 2/2-way normally closed solenoid valve, Closed when de-energized, open when energized.
2. Characteristic: low power, small in size, easy integration, can be used in medical, pharmaceutical, analytical instruments and other industries widely.
3. Body material: SS316
4. Ambient temp.: 0C~65°C
5. Voltage: DC24V. DC12V ±10% allowed
6. Seal material: NBR. VITON EPDM etc
7. Medium: Neutral fluid, viscosity: <20CST
8. Connect size: M6 1/8"
9. Coil connection mode: lead type (length: 350mm)
10. Flow as the arrow, mounts in any position, Best position is solenoid vertical and upright direction.

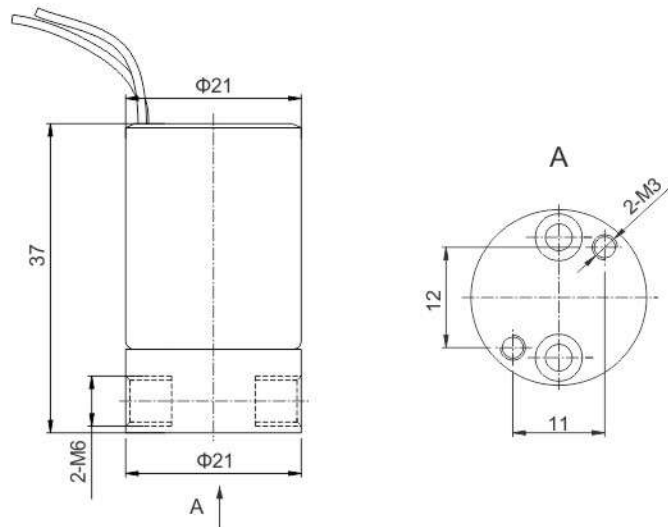


Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
E.G.	SWXF	1	W	H	13	V	3	M	02	<input type="checkbox"/>
		1: Normally Closed	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	N=NBR V=VITON E=EPDM	3= SS316	M=M6 A=1/8"	01=1.0 C1=1.2 C2=1.5 02=2.0	N=NPT Connection

SWXF series mini power solenoid valve · normally closed

External Dimensions



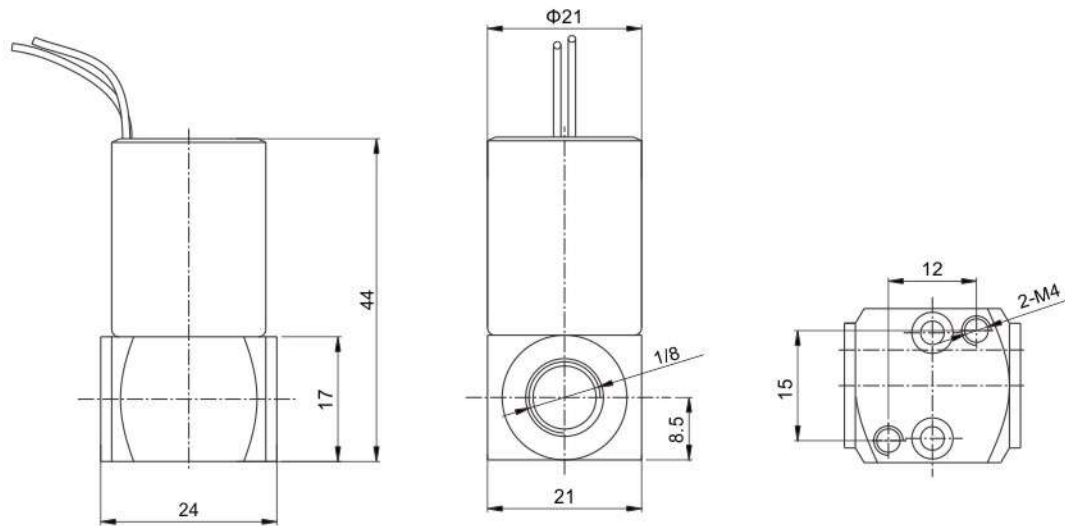
Valve Selection List

Pipe Conn- -ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code AC220V	Weight KG
			Min.	Max.						
M6	1.0	0.04	0	10	80	W	H	2.8	SWXF1WH13N3M01	0.08
	1.0	0.04	0	10	120	W	H	2.8	SWXF1WH13E3M01	
	1.0	0.04	0	10	120	W	H	2.8	SWXF1WH13V3M01	
M6	1.2	0.05	0	10	80	W	H	2.8	SWXF1WH13N3MC1	
	1.2	0.05	0	10	120	W	H	2.8	SWXF1WH13E3MC1	
	1.2	0.05	0	10	120	W	H	2.8	SWXF1WH13V3MC1	
M6	1.5	0.08	0	8	80	W	H	2.8	SWXF1WH13N3MC2	
	1.5	0.08	0	8	120	W	H	2.8	SWXF1WH13E3MC2	
	1.5	0.08	0	8	120	W	H	2.8	SWXF1WH13V3MC2	
M6	2.0	0.14	0	6	80	W	H	2.8	SWXF1WH13N3M02	
	2.0	0.14	0	6	120	W	H	2.8	SWXF1WH13E3M02	
	2.0	0.14	0	6	120	W	H	2.8	SWXF1WH13V3M02	

Sanlixin Solenoid Valve

SWXF series mini power solenoid valve · normally closed

External Dimensions



Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code AC220V NPT	Weight KG
			Min.	Max.						
1/8	1.0	0.04	0	10	80	W	H	2.8	SWXF1WH13N3A01N	1.0
	1.0	0.04	0	10	120	W	H	2.8	SWXF1WH13E3A01N	
	1.0	0.04	0	10	120	W	H	2.8	SWXF1WH13V3A01N	
1/8	1.2	0.05	0	10	80	W	H	2.8	SWXF1WH13N3AC1N	
	1.2	0.05	0	10	120	W	H	2.8	SWXF1WH13E3AC1N	
	1.2	0.05	0	10	120	W	H	2.8	SWXF1WH13V3AC1N	
1/8	1.5	0.08	0	8	80	W	H	2.8	SWXF1WH13N3AC2N	
	1.5	0.08	0	8	120	W	H	2.8	SWXF1WH13E3AC2N	
	1.5	0.08	0	8	120	W	H	2.8	SWXF1WH13V3AC2N	
1/8	2.0	0.14	0	6	80	W	H	2.8	SWXF1WH13N3A02N	
	2.0	0.14	0	6	120	W	H	2.8	SWXF1WH13E3A02N	
	2.0	0.14	0	6	120	W	H	2.8	SWXF1WH13V3A02N	

SWXV 3/2-way miniature direct acting solenoid valve

1. Main features: low power, small size, easy integration, can be widely used in medical, pharmaceutical, analytical instruments and other industries
2. Body material: SS316
3. Ambient temperature: 0 ° C to 65 ° C
4. Coil voltage: DC24V, DC12V, etc., ±10% allowed
5. Seal material: can be used NBR, VITON, EPDM and other kinds of seal
6. Medium: neutral fluid, fluid viscosity: less than 20CST
7. body connection: M6
8. Coil connection type: lead type (length 350mm)

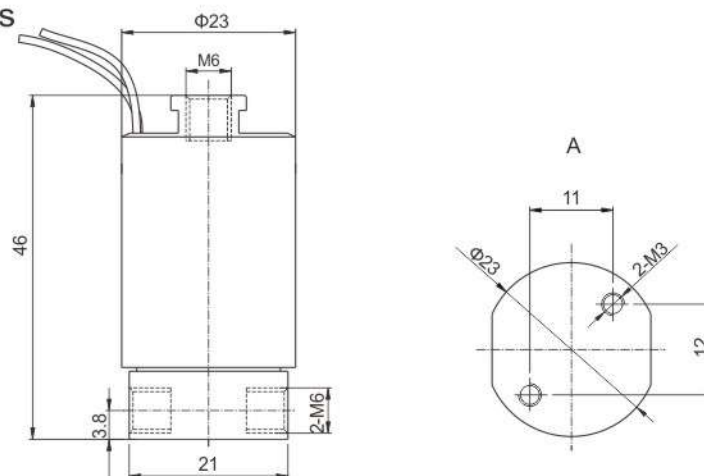
Flow as the arrow, mounts in any position, Best position is solenoid certical and upright direction.



Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
E.G.	SWXV	1	W	H	13	V	3	M	02	<input type="checkbox"/>
		1: Normally closed 2: Normally open 3: Diverting 4: Universal	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	N=NBR V=VITON E=EPDM	3= SS316	M=M6	C2=1.5 02=2.0	N=NPT Connection

External Dimensions



Sanlixin Solenoid Valve

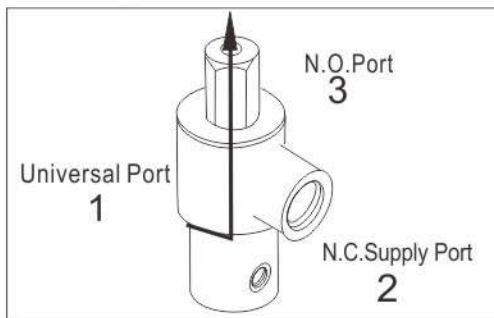
SWXV 3/2-way miniature direct acting solenoid valve

Valve Selection List

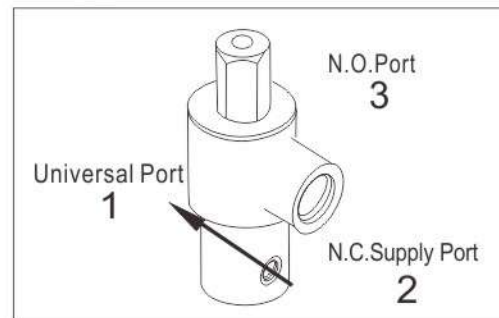
Pipe Conn- -ection	Orifice mm	Top mm	CV Factor	Operating pressure differential (kgf/cm ²)		Coil Type	Power W	Coil Class	Model Code AC220V	Weight KG
				Min.	Max.					
M6	1.5	1.2	0.07	0	3	W	6	H	SWXV1WH13N3MC2	0.11
	2.0	1.2	0.13	0	3	W	6	H	SWXV1WH13N3M02	

Normally closed

De-energized



Energized

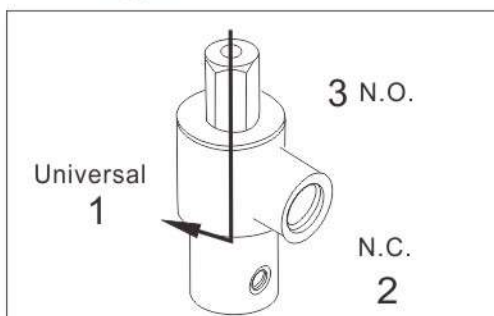


Valve Selection List

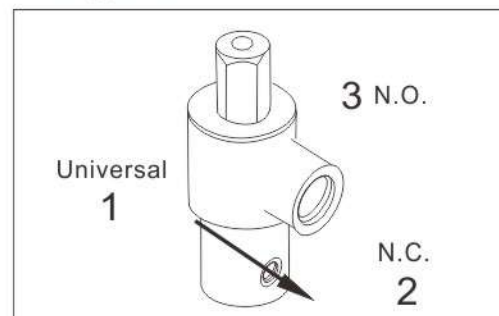
Pipe Conn- -ection	Orifice mm	Top mm	CV Factor	Operating pressure differential (kgf/cm ²)		Coil Type	Power W	Coil Class	Model Code AC220V	Weight KG
				Min.	Max.					
M6	1.5	1.2	0.07	0	4	W	6	H	SWXV2WH13N3MC2	0.11
	2.0	1.2	0.13	0	2	W	6	H	SWXV2WH13N3M02	

Normally Open

De-energized



Energized



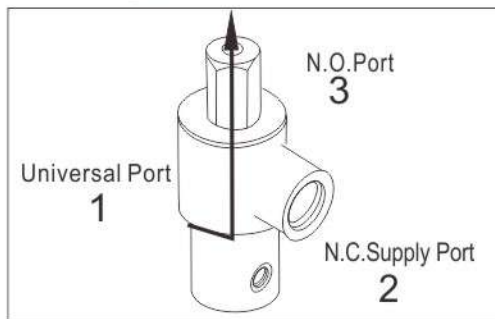
SWXV 3/2-way miniature direct acting solenoid valve

Valve Selection List

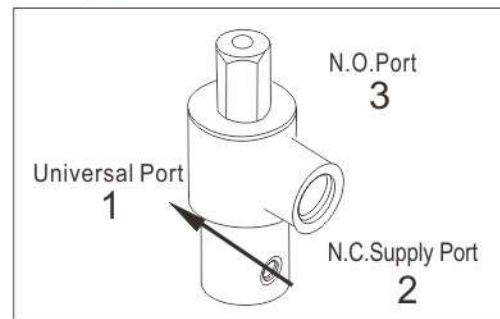
Pipe Conn- -ection	Orifice mm	Top mm	CV Factor	Operating pressure differential (kgf/cm ²)		Coil Type	Power W	Coil Class	Model Code AC220V	Weight KG
				Min.	Max.					
M6	1.5	1.2	0.07	0	10	W	6	H	SWXV3WH13N3MC2	0.11
	2.0	1.2	0.13	0	7	W	6	H	SWXV3WH13N3M02	

Diverting

De-energized



Energized

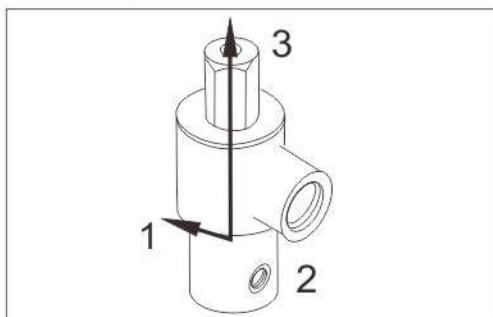


Valve Selection List

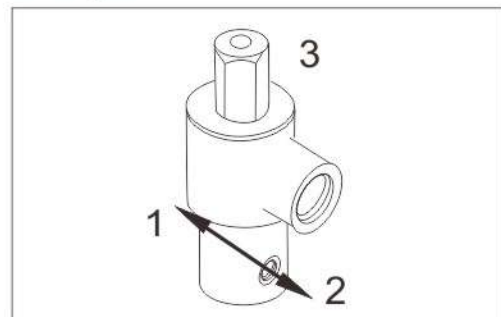
Pipe Conn- -ection	Orifice mm	Top mm	CV Factor	Operating pressure differential (kgf/cm ²)		Coil Type	Power W	Coil Class	Model Code AC220V	Weight KG
				Min.	Max.					
M6	1.5	1.2	0.07	0	2.5	W	6	H	SWXV4WH13N3MC2	0.11
	2.0	1.2	0.13	0	1.5	W	6	H	SWXV4WH13N3M02	

Universal

De-energized



Energized



Sanlixin Solenoid Valve

SZXF series miniature axial solenoid valve · normally closed

1. 2/2 way normally closed axial solenoid valve, closed when de-energized open , open when energized
2. Main characteristic :axial design, low power, small size, easy integration, can be widely used in medical, pharmaceutical, analytical instruments and other industries
3. Body material: SS316
4. Ambient temperature: 0 ° C to 65 ° C
5. Coil voltage: DC24V, DC12V, etc., ±10% allowed
6. Seal material: can be used NBR, VITON, EPDM and other kinds of seal
7. Medium: neutral fluid, fluid viscosity: less than 20CST body connection: M6
8. Coil connection type: lead type (length 350mm)

Flow as the arrow, mounts in any position, Best position is solenoid certical and upright direction.



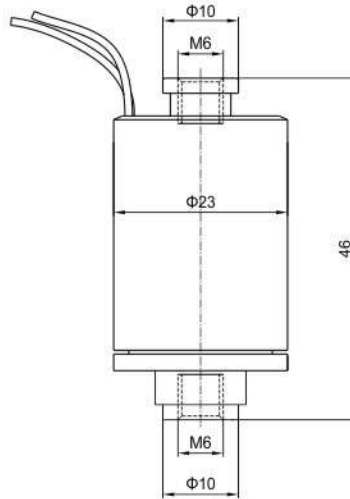
Solenoid Valves Numbering System for Order

Position description	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
E.G.	SZXF	1	W	H	13	V	3	M	02	<input type="checkbox"/>
		1: Normally closed	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	N=NBR V=VITON E=EPDM	3= SS316	M=M6	01=1.0 C1=1.2 C2=1.5 02=2.0	



SZXF series miniature axial solenoid valve · normally closed

External Dimensions



Valve Selection List

Pipe Conn- ection	Orifice mm	Top mm	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code AC220V	Weight KG
			Min.	Max.						
M6	1.0	0.04	0	10	80	W	H	2.8	SZXF1WH13N3M01	0.1
	1.0	0.04	0	10	120	W	H	2.8	SZXF1WH13E3M01	
	1.0	0.04	0	10	120	W	H	2.8	SZXF1WH13V3M01	
M6	1.2	0.05	0	10	80	W	H	2.8	SZXF1WH13N3MC1	
	1.2	0.05	0	10	120	W	H	2.8	SZXF1WH13E3MC1	
	1.2	0.05	0	10	120	W	H	2.8	SZXF1WH13V3MC1	
M6	1.5	0.08	0	8	80	W	H	2.8	SZXF1WH13N3MC2	
	1.5	0.08	0	8	120	W	H	2.8	SZXF1WH13E3MC2	
	1.5	0.08	0	8	120	W	H	2.8	SZXF1WH13V3MC2	
M6	2.0	0.14	0	6	80	W	H	2.8	SZXF1WH13N3M02	
	2.0	0.14	0	6	120	W	H	2.8	SZXF1WH13E3M02	
	2.0	0.14	0	6	120	W	H	2.8	SZXF1WH13V3M02	

Sanlixin Solenoid Valve

SWGM series micro power small diaphragm isolation solenoid valve · normally closed

1. Main features: low power, small size, easy integration, can be widely used in medical, pharmaceutical, analytical instruments and other industries
2. Body material: PEEK, PTFE, SS316
3. Ambient temperature: 0 ° C to 65 ° C
4. Coil voltage: DC24V, DC12V, etc., ±10% allowed
5. Coil power: 3. 8W
6. Seal material: can be used NBR, VITON, EPDM and other kinds of seal
7. Medium: neutral fluid, fluid viscosity: less than 20CST
8. body connection: M6
9. Coil connection type: lead type (length 350mm)

Flow as the arrow, mounts in any position, Best position is solenoid certical and upright direction.



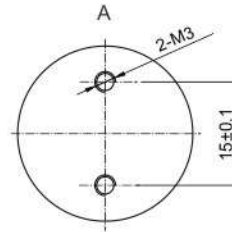
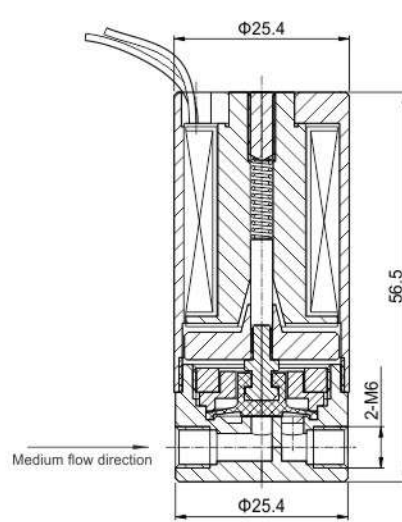
Solenoid Valves Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
SWGM	1	W	H	13	V	K	M	02	<input type="checkbox"/>
SWGM	1: Normally closed	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	V=VITON E=EPDM F=FFKM	K=PEEK T=PTFE 3=SS316	M=M6 N=1/4-28 UNF	C2=1.5 02=2.0 C3=2.5 03=3.0	



SWGM series micro power small diaphragm isolation solenoid valve · normally closed

External Dimensions



M6、1/4-28UNF



External diameter: 1.6、2.0、2.5、3.0、3.2
five types can choose

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (PSI)		Coil Type	Coil Class	Power W	Model Code AC220V	Weight KG
			Min.	Max.					
M6	1.5	0.04	0	30	W	H	3.8	SWGM1WH13VKMC2	0.16
	1.5	0.04	0	30	W	H	3.8	SWGM1WH13VTMC2	
	1.5	0.04	0	30	W	H	3.8	SWGM1WH13V3MC2	
	1.5	0.04	0	30	W	H	3.8	SWGM1WH13EKMC2	0.16
	1.5	0.04	0	30	W	H	3.8	SWGM1WH13ETMC2	
	1.5	0.04	0	30	W	H	3.8	SWGM1WH13E3MC2	
	1.5	0.04	0	30	W	H	3.8	SWGM1WH13FKMC2	0.16
	1.5	0.04	0	30	W	H	3.8	SWGM1WH13FTMC2	
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13VKM02	
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13VTM02	0.22
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13V3M02	
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13EKM02	
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13ETM02	0.16
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13E3M02	
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13FKM02	
	2.0	0.06	0	20	W	H	3.8	SWGM1WH13FTM02	0.16
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13VKMC3	
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13VTMC3	
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13V3MC3	0.22
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13EKMC3	
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13ETMC3	
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13E3MC3	0.16
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13FKMC3	
	2.5	0.08	0	15	W	H	3.8	SWGM1WH13FTMC3	
	3.0	0.1	0	10	W	H	3.8	SWGM1WH13VKM03	0.22
	3.0	0.1	0	10	W	H	3.8	SWGM1WH13VTM03	
	3.0	0.1	0	10	W	H	3.8	SWGM1WH13V3M03	
	3.0	0.1	0	10	W	H	3.8	SWGM1WH13EKM03	0.16
	3.0	0.1	0	10	W	H	3.8	SWGM1WH13ETM03	
	3.0	0.1	0	10	W	H	3.8	SWGM1WH13E3M03	
3.0	0.1	0	10	W	H	3.8	SWGM1WH13FKM03	0.22	
3.0	0.1	0	10	W	H	3.8	SWGM1WH13FTM03		

Sanlixin Solenoid Valve

SJGM series pinch solenoid valve

The micro-pinch valve is driven by electromagnetic force and spring, squeezed and squeezed.

Loosen the hose to control the opening and closing of the pipe, which is electromagnetic driven.

The mechanism and the hose are completely independent. The medium only comes into contact with the hose.

The liquid path is unimpeded, the flow coefficient is relatively large, and the pinch valve is extensive.

Used in blood analysis, urine analysis, water analysis, belongs to Health care industry.



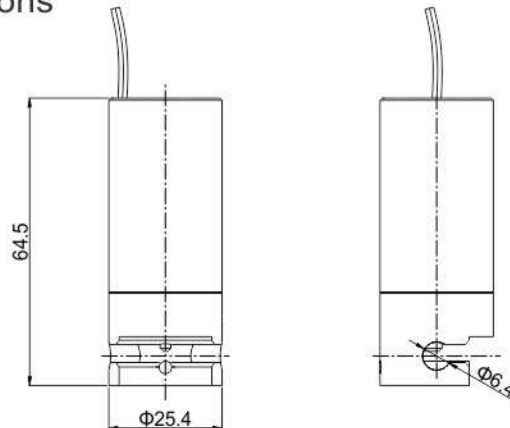
Technical Parameters

Code	SJGM-05
Hose size	Inner:3.2mm outer6.4 mm
Hose material	silicon ; Biochemical tube, SHORE:HA 50
pressure	0~ 20PSI
Body material	POM
medium	gas or ultra-clean liquids
Wire length	350mm(Can be special made)
power	3.8W
weight	0.14kg
lifetime	two million

Note:

1. The silicone rubber hose is not available when the conventional product is ordered
2. Solenoid pinch valve can be customized according to the inside and outside diameters of hoses of other specifications, but hose samples shall be provided.。

External Dimensions





SJGF series 2/2-way pinch solenoid valve normally closed

This series of products characteristics , can be used with 3.2*6.4 or 6.4*9.5 silica gel tube.

Intubation from the side facilitates replacement and maintenance. Small in size, long life, steady quality Can be used in water quality, biochemical, medical and other instruments and equipment.

The pinch solenoid valve relies on the piston to squeeze the hose and electromagnetic force under the action of spring force. The piston overcomes the spring force by releasing the hose to control the closing and opening of the pipe only.

The inner wall of the hose is in direct contact with the medium.



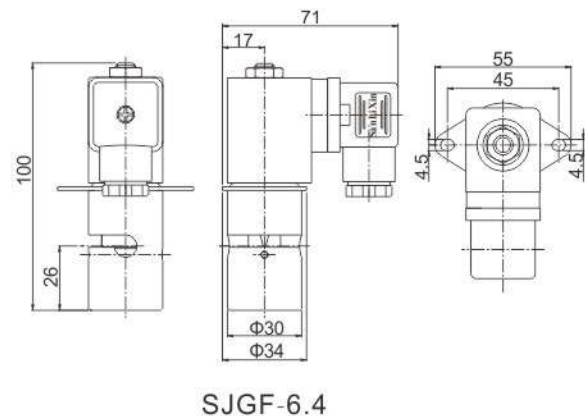
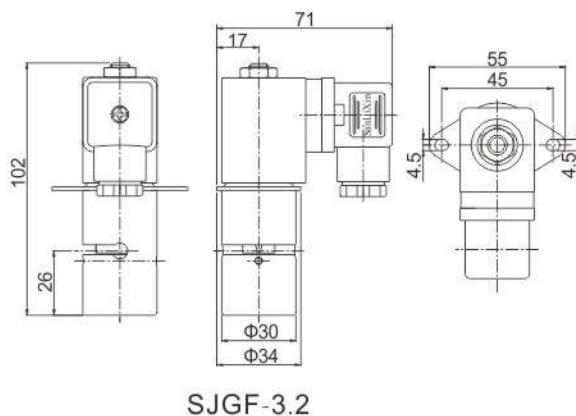
Technical Parameters

Code		SJGF-3.2	SJGF-6.4
Hose size		3.2*6.4 Shore50° silicon tube	6.4*9.5 Shore50° silicon tube
Pressure		0~20PSI	0~12PSI
Body material		Aluminum alloy 6062	
Piston material		PA+GF30	
Medium		Non-corrosive gases and liquids	
Medium temperature		-20℃~120℃	
Ambient temperature		0℃~60℃	
Power (W)	DC24V	17	17
	DC12V	17	17
Weight (KG)		0.40	0.40

Note:

1. The silicone rubber hose is not available when the conventional product is ordered
2. Solenoid pinch valve can be customized according to the inside and outside diameters of hoses of other specifications, but hose samples shall be provided.

External Dimensions



Sanlixin Solenoid Valve

SWXE series micro power small combined solenoid valve

1. 2/2 way normally closed axial solenoid valve, closed when de-energized open , open when energized
2. Main features: low power, small size, easy integration, can be widely used in medical, pharmaceutical, analytical instruments and other industries
3. Body material: PEEK、SS316
4. Ambient temperature: 0 ° C to 65 ° C
5. Coil voltage: DC24V, DC12V, etc., ±10% allowed
6. Seal material: can be used NBR, VITON, EPDM and other kinds of seal
7. Medium: Water, air and other neutral fluid, isolated structure can pass acid, alkali, ultra-clean fluid, etc
8. body connection: M6、 1/8
9. Coil connection type: lead type (length 350mm)

Flow as the arrow,mounts in any position, Best position is solenoid certical and upright direction.

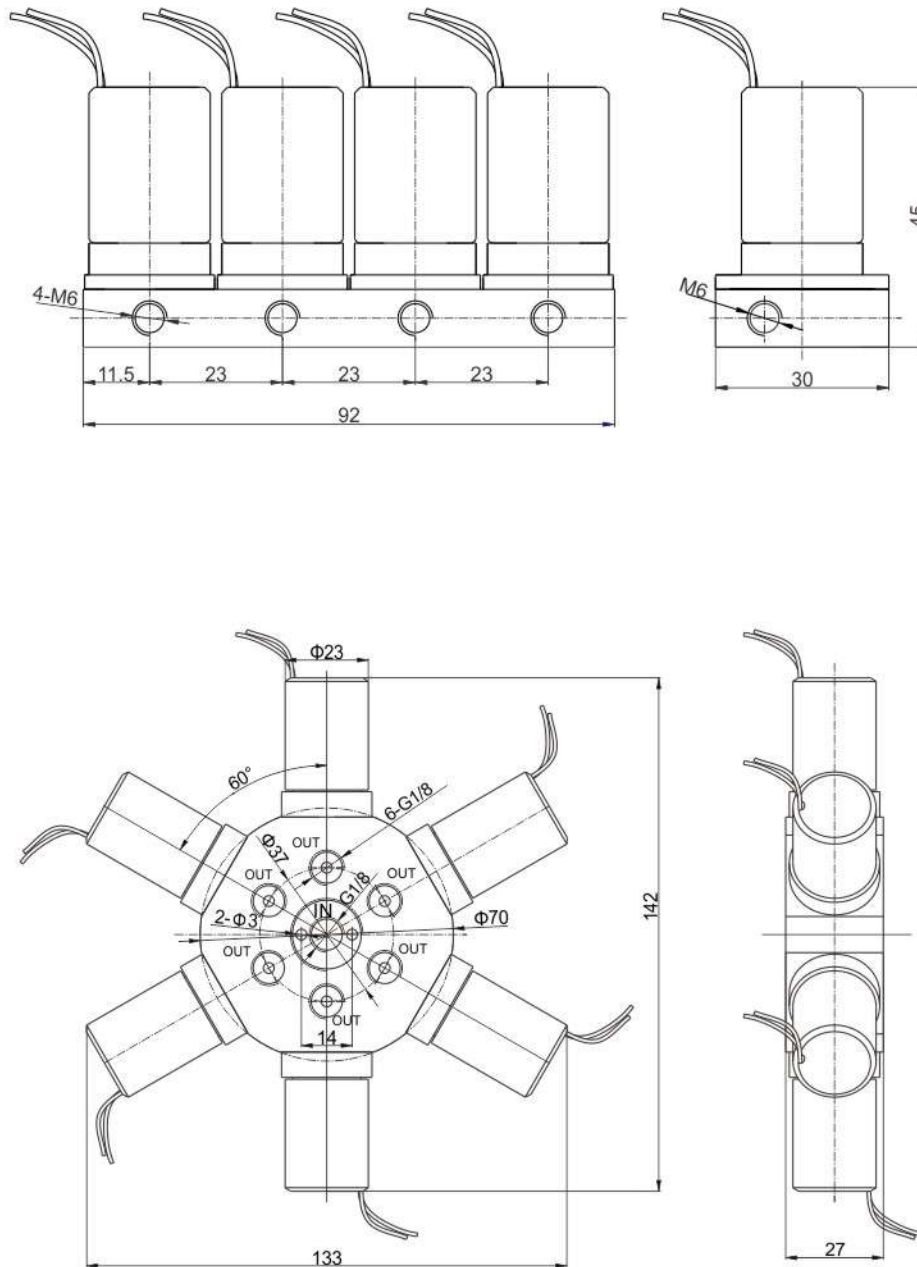


Solenoid Valves Numbering System for Order

1	2	3	4	5	6	7	8	9	10	11
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Out let	Options
SWXE	1	W	H	13	V	3	M	02	N4	<input type="checkbox"/>
SWXE	1: Normally closed	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	N=NBR V=VITON E=EPDM F=FFKM	3= SS316 K=PEEK	M=M6 A=1/8	01=1.0 C1=1.2 C2=1.5 02=2.0 C3=2.5 03=3.0	N4=4 N6=6 N8=8	A=Polygon The blank is a straight line G=Isolated type construction Blank is non-isolated

SWXE series micro power small combined solenoid valve

External Dimensions



Sanlixin Solenoid Valve

SWXE series micro power small combined solenoid valve

Valve Selection List (Non-isolated)

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code AC220V
			Min.	Max.					
M6	1.0	0.04	0	10	80	W	H	2.8	SWXE1WH13N3M01N4
	1.0	0.04	0	10	120	W	H	2.8	SWXE1WH13E3M01N4
	1.0	0.04	0	10	120	W	H	2.8	SWXE1WH13V3M01N4
M6	1.2	0.05	0	10	80	W	H	2.8	SWXE1WH13N3MC1N4
	1.2	0.05	0	10	120	W	H	2.8	SWXE1WH13E3MC1N4
	1.2	0.05	0	10	120	W	H	2.8	SWXE1WH13V3MC1N4
M6	1.5	0.08	0	8	80	W	H	2.8	SWXE1WH13N3MC2N4
	1.5	0.08	0	8	120	W	H	2.8	SWXE1WH13E3MC2N4
	1.5	0.08	0	8	120	W	H	2.8	SWXE1WH13V3MC2N4
M6	2.0	0.14	0	6	80	W	H	2.8	SWXE1WH13N3M02N4
	2.0	0.14	0	6	120	W	H	2.8	SWXE1WH13E3M02N4
	2.0	0.14	0	6	120	W	H	2.8	SWXE1WH13V3M02N4

Valve Selection List (isolated)

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (PSI)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code AC220V
			Min.	Max.					
M6	1.5	0.04	0	30	120	W	H	3.8	SWXE1WH13VKMC2N4AG
	2.0	0.06	0	20	120	W	H	3.8	SWXE1WH13VKM02N6AG
	2.5	0.08	0	15	120	W	H	3.8	SWXE1WH13VKMC3N6AG
	3.0	0.1	0	10	120	W	H	3.8	SWXE1WH13VKM03N6AG
1/8	1.5	0.04	0	30	120	W	H	3.8	SWXE1WH13VKAC2N4AG
	2.0	0.06	0	20	120	W	H	3.8	SWXE1WH13VKA02N6AG
	2.5	0.08	0	15	120	W	H	3.8	SWXE1WH13VKAC3N6AG
	3.0	0.1	0	10	120	W	H	3.8	SWXE1WH13VKA03N6AG

SWXG series miniature high pressure axial solenoid valve · normally closed

1. 2/2 way normally closed solenoid valve, closed when de-energized open , open when energized
2. Main characteristic :axial design, low power, small size, easy integration, can be widely used in medical, pharmaceutical, analytical instruments and other industries
3. Ambient temperature: 0 ° C to 65 ° C
4. Coil voltage: DC24V, DC12V, etc., ±10% allowed
5. Coil power :6W
6. Seal material: VITON (Other materials are optional, please consult our company)
7. Medium: neutral fluid, fluid viscosity: less than 20CST
8. Body connection: 1/8
9. Coil connection type: lead type (length 350mm)

Arbitrary installation in the direction of the arrow on the valve



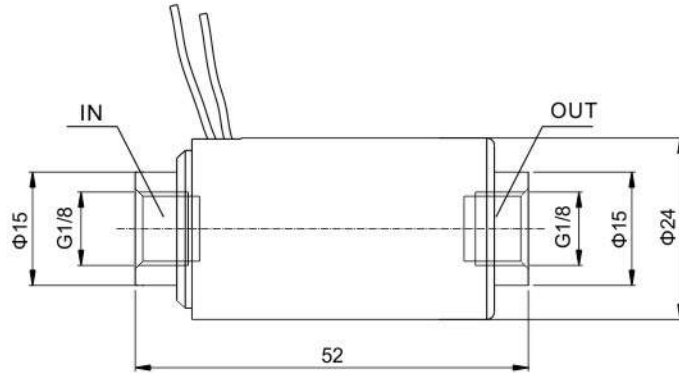
Solenoid Valves Numbering System for Order

1	2	3	4	5	6	7	8	9	10
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)	Options
SWXG	1	W	H	13	V	3	A	S5	<input type="checkbox"/>
SWXG	1: Normally closed	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	V=VITON For other sealing materials, please consult our company	3= SS316	A=1/8 For other connection methods, please consult our company	S3=0.3 S5=0.5 S8=0.8 01=1.0	N=NPT Connection

Sanlixin Solenoid Valve

SWXG series miniature high pressure axial solenoid valve · normally closed

External Dimensions



Valve Selection List

Pipe Conn- -ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code DC24V linear type	weight
			Min.	Max. Air, Water						
1/8	0.3	0.003	0	180	80	W	H	6	SWXG1WH13V3AS3	0.13
	0.5	0.01	0	150	80	W	H	6	SWXG1WH13V3AS5	
	0.8	0.025	0	70	80	W	H	6	SWXG1WH13V3AS8	
	1	0.04	0	40	80	W	H	6	SWXG1WH13V3A01	

SWLF 2/2-way direct acting solenoid valve · normally closed

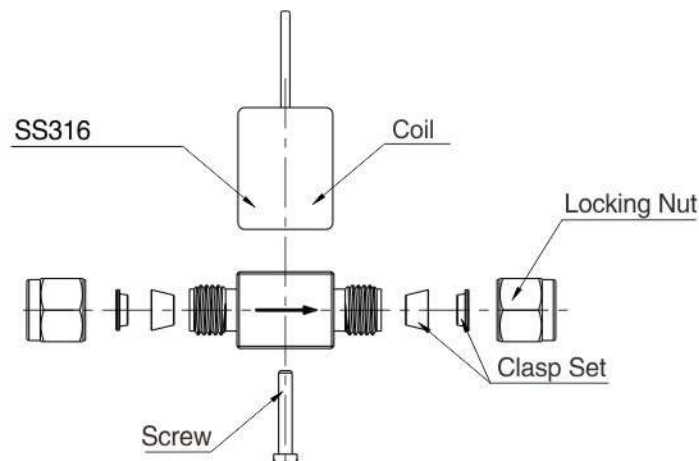
1. 2/2 way normally closed solenoid valve, closed when de-energized open , open when energized
2. Characterist: small in size, low power, ferrule fitting.
3. Body material: SS316
4. Ambient temperature: 0°C to 65°C
5. Coil voltage: DC24V, DC12V
6. Seal material: VITON
7. Medium: air, water etc neutral fluid
8. Body connection: 1/4OD、1/8OD、06OD
9. Coil connection type: lead type (length 350mm)



Solenoid Valves Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)
SWLF	1	W	H	13	V	3	M	02
SWLF	1: Normally closed	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	V=VITON	3=SS316	LA=1/8OD LB=1/4OD LC=6OD	C0=0.8 01=1.0 C1=1.2 C2=1.5 01=1.0 C1=1.2 C2=1.5 02=2.0

Product Breakdown



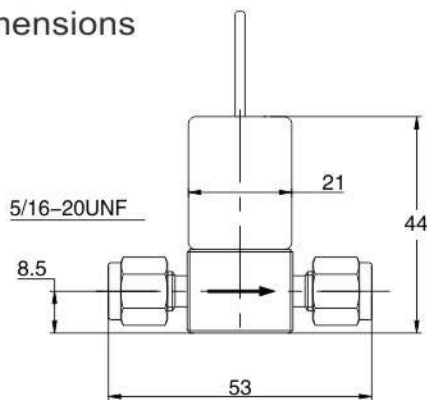
Sanlixin Solenoid Valve

SWLF 2/2-way direct acting solenoid valve · normally closed

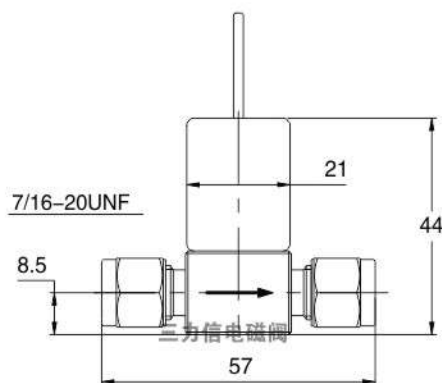
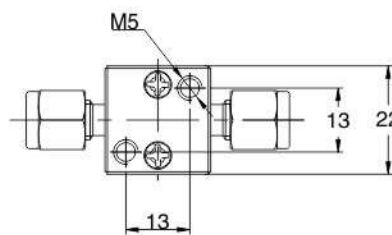
Valve Selection List

Pipe Conn-ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code DC24V	Weight kg
			Min.	Max.						
1/8OD (3.17mm)	0.8	0.03	0	25	120	W	H	3.8	SWLF1WH13V3LAC0	0.14
	1.0	0.04	0	25	120	W	H	3.8	SWLF1WH13V3LA01	
	1.2	0.05	0	25	120	W	H	3.8	SWLF1WH13V3LAC1	
	1.5	0.08	0	16	120	W	H	3.8	SWLF1WH13V3LAC2	
1/4OD (6.35mm)	1.0	0.04	0	25	120	W	H	3.8	SWLF1WH13V3LB01	0.15
	1.2	0.05	0	25	120	W	H	3.8	SWLF1WH13V3LBC1	
	1.5	0.08	0	16	120	W	H	3.8	SWLF1WH13V3LBC2	
	2.0	0.14	0	10	120	W	H	4.8	SWLF1WH13V3LB02	
6OD (6mm)	1.0	0.04	0	25	120	W	H	3.8	SWLF1WH13V3LC01	0.15
	1.2	0.05	0	25	120	W	H	3.8	SWLF1WH13V3LCC1	
	1.5	0.08	0	16	120	W	H	3.8	SWLF1WH13V3LCC2	
	2.0	0.14	0	10	120	W	H	4.8	SWLF1WH13V3LC02	

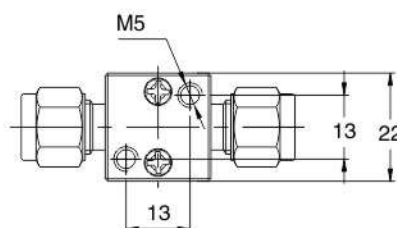
External Dimensions



Φ0.8–1.5mm (1/8OD)



Φ1.0–2.0mm (1/4OD、6OD)



SWLG 2/2-way Direct acting high-pressure solenoid valve · normally closed

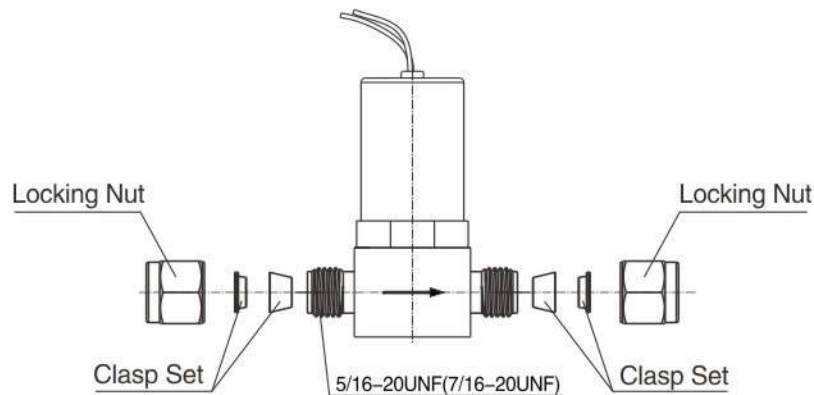
1. 2/2 way normally closed solenoid valve, closed when de-energized open , open when energized
2. Characterist: small in size, low power, ferrule fitting.
3. Body material: SS316
4. Ambient temperature: 0°C to 65°C
5. Coil voltage: DC24V, DC12V
6. Seal material: VITON
7. Medium: air, water etc neutral fluid
8. Body connection: 1/4OD、1/8OD、06OD
9. Coil connection type: lead type (length 350mm)



Solenoid Valves Numbering System for Order

1	2	3	4	5	6	7	8	9
Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (φ mm)
SWLG	1	W	H	13	V	3	LB	01
SWLG	1: Normally closed	W: Metallic Housing, Lead wires	H= H Class	12=DC12V 13=DC24V	V=VITON	3=SS316	LA=1/8OD LB=1/4OD LC=6OD	C03=0.3 C05=0.5 C0=0.8 01=1.0

Product Breakdown



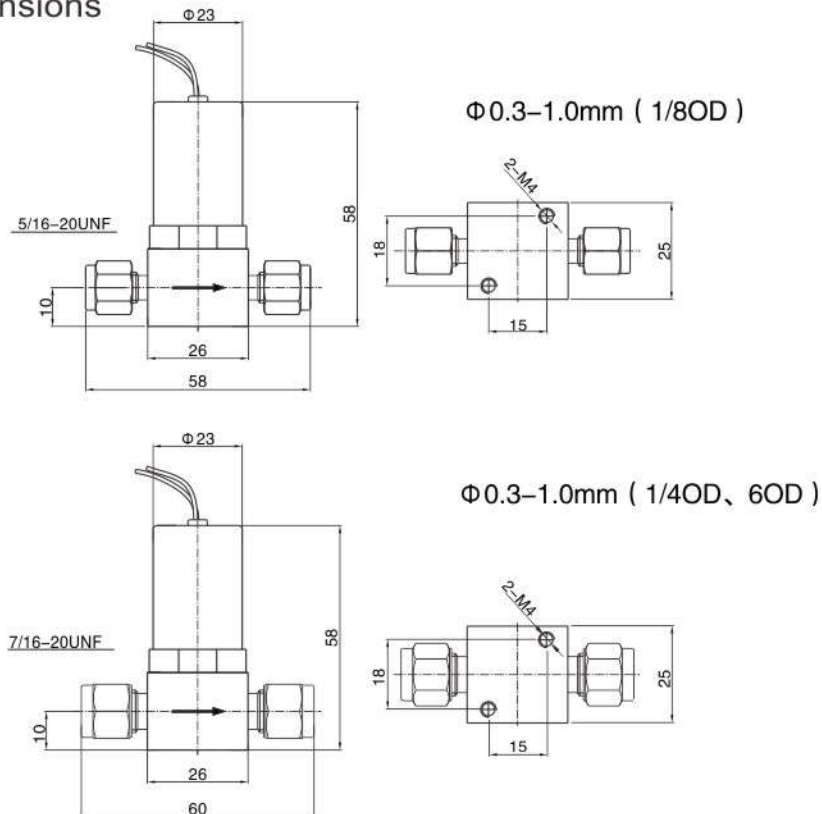
Sanlixin Solenoid Valve

SWLG 2/2-way Direct acting high-pressure solenoid valve · normally closed

Valve Selection List

Pipe Conn- ection	Orifice mm	CV Factor	Operating pressure differential (kgf/cm ²)		Max. fluids Temp. °C	Coil Type	Coil Class	Power W	Model Code DC24V	Weight kg
			Min.	Max.						
1/8OD (3.17mm)	0.3	0.01	0	200	120	W	H	4.8	SWLG1WH13V3LAC03	0.21
	0.5	0.02	0	180	120	W	H	4.8	SWLG1WH13V3LAC05	
	0.8	0.03	0	120	120	W	H	4.8	SWLG1WH13V3LAC0	
	1.0	0.04	0	80	120	W	H	4.8	SWLG1WH13V3LA01	
1/4OD (6.35mm)	0.3	0.01	0	200	120	W	H	4.8	SWLG1WH13V3LBC03	0.22
	0.5	0.02	0	180	120	W	H	4.8	SWLG1WH13V3LBC05	
	0.8	0.03	0	120	120	W	H	4.8	SWLG1WH13V3LBC0	
	1.0	0.04	0	80	120	W	H	4.8	SWLG1WH13V3LB01	
6OD (6mm)	0.3	0.01	0	200	120	W	H	4.8	SWLG1WH13V3LCC03	0.22
	0.5	0.02	0	180	120	W	H	4.8	SWLG1WH13V3LCC05	
	0.8	0.03	0	120	120	W	H	4.8	SWLG1WH13V3LCC0	
	1.0	0.04	0	80	120	W	H	4.8	SWLG1WH13V3LC01	

External Dimensions



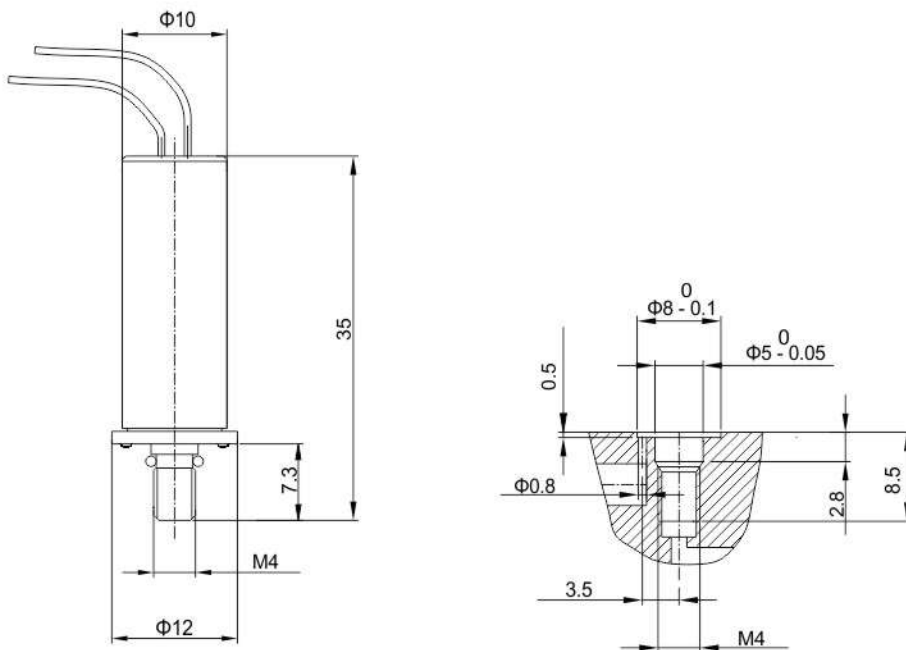


S10 series super micro solenoid valve · normally closed

1. S10 series is a plug-in super micro solenoid valve, it is characterized by small size, light weight, low power consumption, easy to assemble.
2. can be widely used in medical, pharmaceutical, analytical instruments and other industries
3. 2/2 way normally closed solenoid valve, closed when de-energized open , open when energized
4. Body material: Brass, SS316
5. Seal material: VITON
6. Medium: neutral fluid such as air and water
7. Ambient temperature: 0 ° C to 65 ° C
8. Medium temperature: 0 ° C to 80 ° C
9. Coil voltage: DC24V, DC12V
10. Coil power:3W
11. diameter: ϕ 0.3mm
12. Operating pressure: 0-6bar
13. Service life: more than 10 million times
14. Wiring mode: Lead type (lead length 15cm)
15. Weight: 18g
16. S10 series adopts special structure design, easy to install multiple solenoid valves in combination. Please consult our company for specific application mode and other technical requirements.



External Dimensions



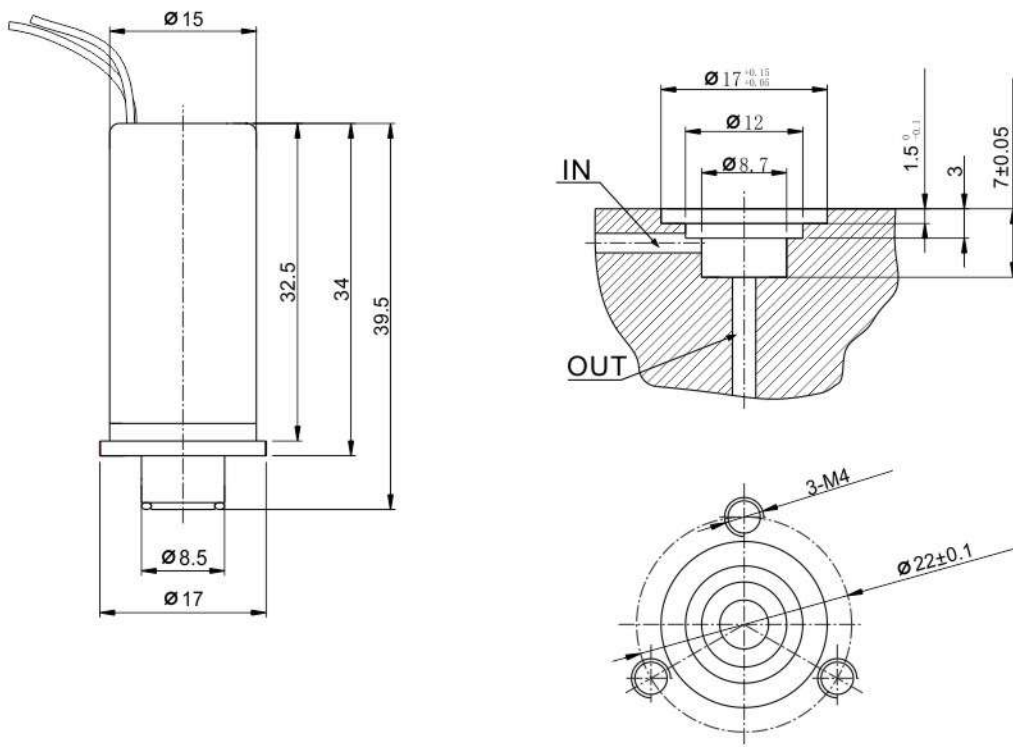
Sanlixin Solenoid Valve

S15 series micro solenoid valve · normally closed

1. 2/2 way normally closed solenoid valve, closed when de-energized
open , open when energized
2. Body material: SS316
3. Seal material: VITON
4. Medium: neutral fluid such as air and water
5. Ambient temperature: 0 ° C to 65 ° C
6. Medium temperature: 0 ° C to 80 ° C
7. Coil voltage: DC24V, DC12V
8. Coil power:4.5W
9. diameter: ϕ 0.8mm
10. Operating pressure: 0-6bar
11. Service life: more than 10 million times
12. Wiring mode: Lead type (lead length 15cm)
13. S15 series adopts special structure design, easy to install multiple solenoid valves in combination. Please consult our company for specific application mode and other technical requirements.



External Dimensions





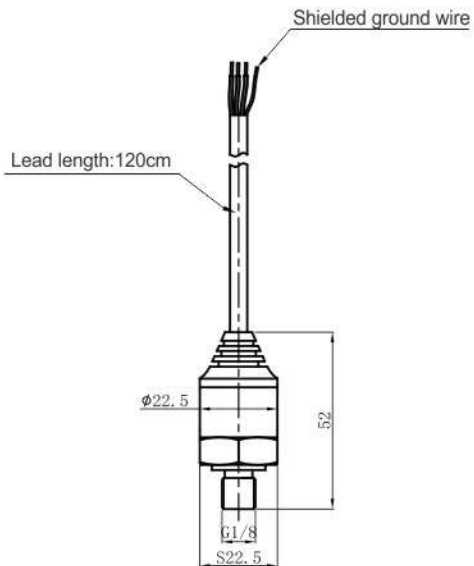
Signal feedback solenoid valve

Solenoid valve add the pressure transmitter can know the valve is open or closed. The voltage shown is linearly proportional to pressure.

1. Measure pressure range: 0-16bar
2. Outlet voltage: 0.5-4.5V
3. Inlet Voltage: DC5V
4. Thread: G1/8
5. Fluid temp: 0~+80°C
6. Media: water, air
7. Connect type: Red lead +5VDC
Black lead: Public earth line
Green lead: output 0.5-4.5VDC
8. Accuracy class: $\pm 1\%$ F.S



External Dimensions Chart



Application



ZS series Solenoid Valve



SLP series Solenoid Valve

Note: Optional solenoid valve, please check the Solenoid valves numbering system for order options item.

Sanlixin Solenoid Valve

Wide voltage coil

1. Voltage: 24-240V
2. AC=DC
3. Smaller than normal coil
4. Prolonged electrification won't reduce the electromagnetic force.
5. Low temperature, longer lifetime.
6. Quick reaction
7. Suit for high(low) temperature solenoid valve.
8. IP65

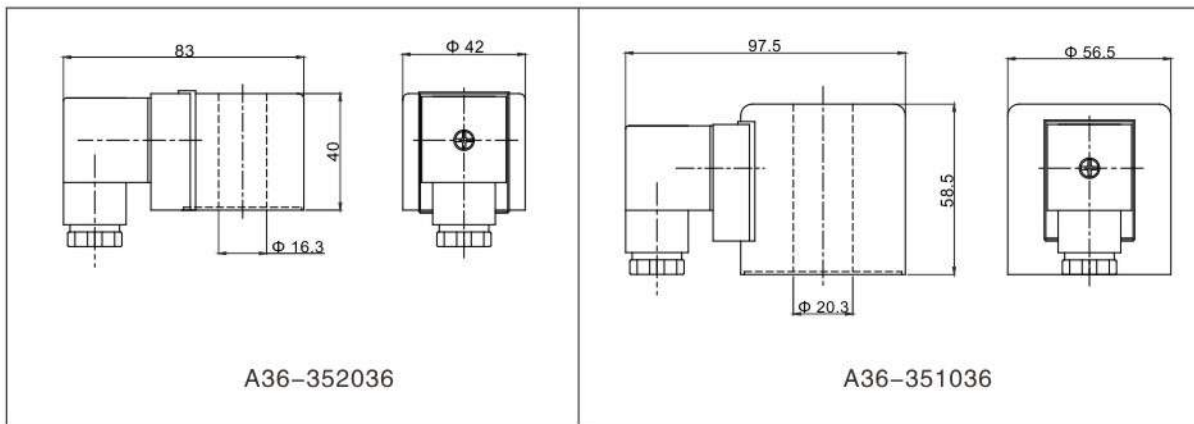


Coil parameters tables

Coil code: A36-351036					Φ20.3mm				
Voltage	Inrush (VA)	Inrush (mA)	Holding (VA)	Holding (mA)	Voltage	Inrush (VA)	Inrush (mA)	Holding (VA)	Holding (mA)
AC220V	115	545	48	225	DC24V	50	2190	12	480
AC110V	93	800	45	370	DC36V	75	2100	11.5	325
AC48V	45	860	27	510	DC48V	90	1950	11	230
AC36V	34	930	21	580					
AC24V	20	930	15	650					

Coil code: A36-352036					Φ16.3mm				
Voltage	Inrush (VA)	Inrush (mA)	Holding (VA)	Holding (mA)	Voltage	Inrush (VA)	Inrush (mA)	Holding (VA)	Holding (mA)
AC220V	85	385	28	130	DC24V	50	2212	10	410
AC110V	90	815	48	465	DC36V	62	1805	9	250
AC48V	45	890	25	528	DC48V	83	1750	8.5	180
AC36V	30	975	18	565					
AC24V	20	950	13	610					

Coil External Dimensions:



Wide voltage coil

Application



Coil code	Suit for Solenoid Valve	
A36-351036	1、ZS-32-50 Normally Closed 2、ZS-32-50 Normally Open 3、SLQF-15-40 4、2W-32-50 Normally Closed	5、2W-32-50 Normally Open 6、ZCM-32-50 Normally Closed
A36-352036	1、ZS Small series 2、ZS-15-25 Normally Closed 3、ZS-15-25 Normally Open 4、SLP Small series 5、SLP-15-100 Normally Closed 6、SLP-15-50 Normally Open	7、SLA-15-50 Normally Closed 8、SLA-15-50 Normally Open 9、2W-15-25 Normally Closed 10、2W-15-25 Normally Open 11、ZCM-15-25 Normally Closed

Sanlixin Solenoid Valve

Flameproof electromagnetic coil

Flameproof coil is all the devices may be lit with explosive gas mixture components enclosed in a shell, the shell can withstand any shell surface or structure clearance, infiltrate into the inside of the shell of combustible mixture in the internal explosion damaged, not caused by an outside and a variety of gas or steam formation of explosive environment to light.

Ambient temp: $-20^{\circ}\text{C}\sim+55^{\circ}\text{C}$

Allowable pressure: 80~110kpa Relative humidity : $\leq 95\%$ ($+25^{\circ}\text{C}$)

Voltage: AC220V 、 DC24V (Other voltage can ask the company)

Seals: NBR、EPDM、VITON

Flame-proof grade: Ex d IIB T4 Gb

IP Code: IP65

Explosion-proof standard : GB3836.1、GB3836.2。

Temperature lever T4: Safe object surface temperature $\leq 135^{\circ}\text{C}$

It is suitable for other explosive gas environment except coal mine gas and the place containing II A, II B T1~T4 explosive gas environment zone 1 and 2

Flow as the arrow ,mounts in any position ; best position is solenoid vertical and upright direction

Specifications for thread of cable outlet device:M20x1.5

If the cable protective cover needs to be installed, the certified explosion-proof connector must be used

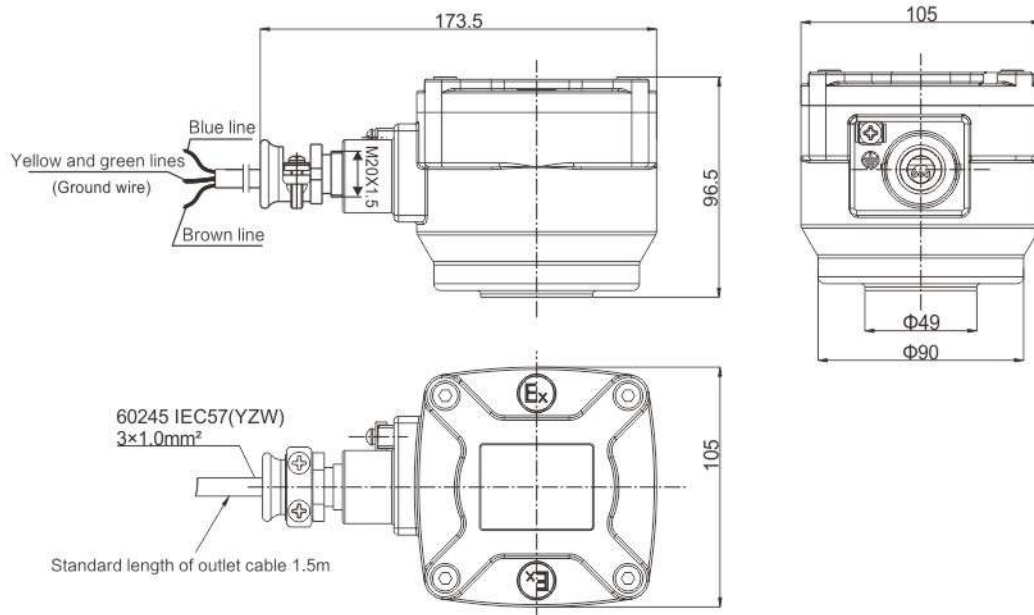


Parameter

Coil model	IV01-410	
Rated voltage	AC220V/50Hz	DC24V
Rated power	27VA	22W

Note: stock voltage:AC220V DC24V. Other voltage can ask the sales of company

External Dimensions





Flameproof electromagnetic

Solenoid Valves Numbering System for Order

	1	2	3	4	5	6	7	8	9	10
	Valve Series	Mode of Operation	Coil Type	Coil Class	Voltage	Seal Material	Body Material	Pipe Size	Orifice (mm)	Options
E.G.	SLP	1	D	F	02	N	1	E	20	<input type="checkbox"/>
	ZS SLP SLA SLG SLT SAV ZKS	1= Normally Closed 2= Normally Open 3= Diverting 4= Universal	G= Flameproof coil	F= FClass	02= AC220V 01= AC110V 03= AC36V 05= AC24V 12= DC12V 13= DC24V Please consult our company for other voltages	N=NBR E=EPDM V=VITON T=PTFE	1=Wrought brass 3=SS316 4=SS304 5=Stainless steel 8= Aluminum 9=Wrought brass	A=1/8" B=1/4" C=3/8" D=1/2" E=3/4" G=1" H=1-1/4" J=1-1/2" K=2" F=法兰 连接	01=1.0 C1=1.2 C2=1.5 02=2.0 C3=2.5 03=3.0 04=4.0 05=5.0 06=6.0 09=9.0 10=10.0 C9=10.5 13=13.0 16=16.0 19=19.0 20=20.0 25=25.0 32=32.0 35=35.0 40=40.0 50=50.0 65=65.0 80=80.0 100=100.0	N=NPT M=Manual override

Sanlixin Solenoid Valve

Flameproof electromagnetic



ZS Series



SLP Series



SLA Series



SLG Series



SLT Series



SLT Series



SAV Series



ZKS Series

SLX timer switch device

Analog electronil timer

Working voltage: 24-220V AC/DC 50HZ/60HZ
 Static electricity: 4mA Max
 Working temperature: -10°C~+50°C
 Protection level: IP65-EN 60529
 Keeping voltage: 400V Max
 Capanty: 1A
 Instantaneous current: 10A for 10ms
 Electrify efficiency: 100%ED
 The life cycle of switch: 3×10^8
 Time ON: form 0.5 ~10s
 Time OFF: form 0.5 ~ 45min
 Indicator: yellowLED
 TEST
 Connection type: DIN43650A



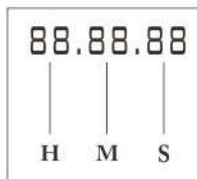
SLX720-1

Digital electronic timer

- 1 : High quality flame retardant plastic shell,high strength and security
- 2: Microcomputer chip control,powerful, high precision
- 3: LED digital tube display with night vision fuction.
- 4: Time adjustment :range:two-way adjustable time switch,
 ON time 1Sec ~ 9min59Sec;
 OFF time 1Sec ~ 99h59min59Sec
- 5 : Function mode: loop mode (two ways: first on then off or first off then
 Single mode (one way: specified time on).
- 6 : Power supply:high-voltage AC/DC 110~240V (XY-3800H)
 Low-voltage AC/DC 7~36V(XY-3800L)
- 7 : Protection IP65 When properly installed
- 8 : The standard DIN43650A input and output interfaces.
- 9 : If indicator is light, it is ON state, otherwise it is the OFF state.
- 10 : Field of use: solenoid valve controlling and other similar timing app



SLX3800



Sanlixin Solenoid Valve

Coil type selection list (1)

Photo	Type	Class	Model No .	Size (mm) L×W×H or diameter
	D:DIN Standard connections fully encapsulated	F	ZS Normally closed $\Phi 4\sim\Phi 25$ SLP2 Normally open $\Phi 13\sim\Phi 50$ SLA Normally closed/open $\Phi 15\sim\Phi 50$ SLP Normally closed $\Phi 65\sim 100$	$\Phi 16.3$ L×W×H: 54X38.5X40
	N:Lead wires watertight fully Encapsulated	F	ZS Normally closed $\Phi 4\sim\Phi 25$ SLP2 Normally open $\Phi 13\sim\Phi 50$	$\Phi 16.3$ L×W×H: 54X38.5X40
	A: Metallic housing DIN standard	F	ZS Normally closed $\Phi 4\sim\Phi 25$ ZCM $\Phi 5\sim\Phi 25$	$\Phi 16.3$ Diameter: $\Phi 50$ H: 41mm
	DF: Coils metallic housing DIN standard	H	ZS Normally open $\Phi 16\sim\Phi 25$ ZCM Normally open $\Phi 15\sim\Phi 25$	$\Phi 15.3$ Diameter: $\Phi 56$ H: 57.5mm
	D:DIN standard connection fully encapsulated	F	ZS $\Phi 32\sim 50$ Normally closed	$\Phi 20.3$ Diameter: $\Phi 73$ H: 50mm
	A :Big coils metallic housing DIN standard	F	ZS $\Phi 32\sim 50$ (Normally closed/open) ZCM $\Phi 32\sim\Phi 50$	$\Phi 20.3$ Diameter: $\Phi 68$ H: 61.5mm
	D:DIN standard connections fully encapsulated	F	SLP1 Normally closed $\Phi 3\sim\Phi 50$ SLP2 Normally open $\Phi 1\sim\Phi 4$ (body:9) SLV series (body:1&3) SLE series, ZCT $\Phi 3$ SLP2 Normally open $\Phi 2.5\sim\Phi 3$ ZS $\Phi 10$ (body:9) SLT series DMF-Zseries	$\Phi 14.7$ LXWXH: 38.5X29X42
	D:DIN standard connections encapsulated	F	SLG $\Phi 1\sim\Phi 2.5$ Nass: Coil	$\Phi 14.7$ LXWXH: 44.5X35.5X42
	N:Lead wires water tight fully encapsulated	F	SLP series $\Phi 3\sim\Phi 50$	$\Phi 14.7$ LXWXH: 57X36X42



CE RoHS



Coil type selection list (2)

Photo	Type	Class	Model No .	Size (mm) L×W×H or diameter
	NASS Coil	F H	SLP1 Normally closed $\phi 3\sim\phi 50$ SLV body1 & 3, SLE ZCT $\phi 3$, SLA Series ZS 1 Normally closed $\phi 16\sim\phi 25$ SLT Series	$\phi 14.5$ LXWXH: 38.5X29X42
	N05 Coil: Lead Wires	B	SLC5, SLC6 ZS $\phi 2.5$, $\phi 3$	$\phi 11.2$ 41.5X30.5X36
	SLC2 Coil	B	SLC1, SLC2 SLC3, SLC4	$\phi 11.5$ Diameter: $\phi 31$ H: 34mm
	W Type (Small Size) Metallic Housing Lead Wires	F	2W025-06, 08 SLV 2 & 4	$\phi 13.7$ Diameter: $\phi 42.5$ H: 34mm
	W Type (Middle Size) Metallic Housing Lead Wires	F	2W $\phi 4\sim\phi 25$	$\phi 16.3$ Diameter: $\phi 50$ H: 41mm
	W Type (Big Size) Metallic Housing Lead Wires	F	2W $\phi 32\sim\phi 50$	$\phi 20.3$ Diameter: $\phi 68$ H: 61.5mm
	DF Coil (Small Size) Metallic Housing DIN Standard	F	DF $\phi 15\sim\phi 20$ ZCT-6	$\phi 15.3$ Diameter: $\phi 48$ H: 47mm
	DF Coil Metallic Housing	F	DF $\phi 25\sim\phi 100$	$\phi 15.3$ Diameter: $\phi 56$ H: 57.5mm
	ZCZ Coil (Small Size) Metallic Housing DIN Standard	H	ZCT $\phi 10\sim\phi 15$ ZCT $\phi 15\sim\phi 20$	
	ZCZ Coil Metallic Housing DIN Standard	H	ZCZ $\phi 25\sim\phi 50$	$\phi 18.5$ Diameter: $\phi 56$ H: 57.5mm



Sanlixin Solenoid Valve

Coil type selection list (3)

Photo	Type	Class	Model No .	Size (mm) L×W×H or diameter
	D:DIN standard connections fully encapsulated	H	SLM Series	Φ10 LxWxH: 28.5x21.5x29.5
	W :Metallic housing led wires	H	SLAΦ15~Φ50 Steaw series	Φ16.3 Dimeter: Φ50 H: 41mm
	ZQDF 15 Coil: metallic housing DIN standard	H	ZQDF Φ15~Φ20 DF Φ125~Φ150	Φ20.5 Dimeter: Φ77 H: 84mm
	ZQDF 25 Coil: metallic housing DIN standard	H	ZQDF Φ25~Φ50 ZS Φ65~Φ100	Φ25.8 Dimeter: Φ85 H: 93mm
	SLDF25 Coil:undertwtuater coil lead wires:90cm	F	SLDF Series ≤Φ25 SLDFΦ32~Φ50 (DC) SLDF ≥Φ65	Φ16.3 Dimeter: Φ48.7 H: 43.5mm
	SLDF50 Coil:undertwtuater coil lead wires:90cm	F	SLDFΦ32~Φ50	Φ21 Dimeter: Φ63(AC) H: 55.5mm
	SLPM	B	SLPM Series	M19X1.25 Dimeter: Φ30 H: 31mm
	SLPM	F	SLPM Series	Φ14.7 LXWXH: 41.5X30.5X36
	D:DIN standard connections fully encapsulated	F	SLZ Series	Φ14.6 LXWXH: 54X41X44



Coil type selection list (4)

Photo	Type	Class	Model No .	Size (mm) L×W×H or diameter
	A Type(Big Size) Metallic Housing DIN Standard	H	SLQF-15~25	Φ20.3 Diameter: Φ68 H: 61.5mm
	A Type(Big Size) Metallic Housing DIN Standard	H	SLQF-40~50	Φ25.8 Diameter: φ 85 H: 70mm
	A Type Metallic Housing DIN Standard Wide voltage coil	F	ZS-15-25 SLP-15-100	Φ16.3(14.5) Diameter: φ 42 H: 40mm
	A Type(Big Size) Metallic Housing DIN Standard Wide voltage coil	F	ZS-32-50	Φ25.8 Diameter: φ 56.5 H: 58.5mm
	M : standard connections fully encapsulated	F	SM Series	Φ 14.7 LXWXH: 54X39X42. 5
	M : standard connections fully encapsulated	F	SM Series	Φ 16. 3 LXWXH: 60X44X38. 4
	X Type:explosion -proof			Exmb I mb/Ex mb IIC T4 Gb NO .: CNEx19.1387X, CNEx19.1386X Coils orifice: Φ16mm Φ20mm Lead wires: 1500mm Coils temperature: <80℃ Ambient temperature: -20~+50℃ Voltage:AC 220V、127V、36V DC 24V The media can hat exceed 60℃

Sanlixin Solenoid Valve

Solenoid valve selection guide

Sanlixin[®]
SOLENOID VALVES

Fax:0086-574-62636060

1	Type: 2/2-Way <input type="checkbox"/> 3/2-Way <input type="checkbox"/>
2	Operating Mode: N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> Universal <input type="checkbox"/>
3	Coil Class: High Temp.<H Class> <input type="checkbox"/> Normally <F Class> <input type="checkbox"/> Explosion-proof<X> <input type="checkbox"/>
4	Coil Voltage: <input type="checkbox"/> AC <Frequency> <input type="checkbox"/> DC <input type="checkbox"/>
5	Fluid Media: Air <input type="checkbox"/> Gas <input type="checkbox"/> Water <input type="checkbox"/> Light Oil <input type="checkbox"/> Steam <input type="checkbox"/> Others <input type="checkbox"/> Fluids Temp. <input type="checkbox"/>
7	Fluid Temp: <input type="checkbox"/> °C
8	Body Material: Forged Brass <input type="checkbox"/> Cast Brass <input type="checkbox"/> SS304 <input type="checkbox"/> SS316 <input type="checkbox"/> Others <input type="checkbox"/>
9	Pressure: Max. Inlet Pressure <input type="checkbox"/> Min. Inlet Pressure <input type="checkbox"/> If Outlet Pressure Higher than Inlet's <input type="checkbox"/>
10	Size: Pipe Size (G Connection, NPT US Standard) <input type="checkbox"/>
11	Orifice <input type="checkbox"/> Flow Rate at Available Voltage <input type="checkbox"/>
12	Ambient: Ambient Temp.: Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Underwater <input type="checkbox"/>
13	Options: eg. Manual Override
14	Special Request

Company: _____

Contact Person: _____

Tel: _____

Fax: _____



Solenoid valve selection guide

Sanlixin[®]
SOLENOID VALVES

Fax:0086-574-62636060

1	Type: 2/2-Way <input type="checkbox"/> 3/2-Way <input type="checkbox"/>
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4	Coil Voltage: <input type="text"/> AC <Frequency> <input type="text"/> DC <input type="text"/>
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12	Ambient: Ambient Temp.: Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Underwater <input type="checkbox"/>
13	Options: eg. Manual Override
14	Special Request

Company: _____

Contact Person: _____

Tel: _____

Fax: _____





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