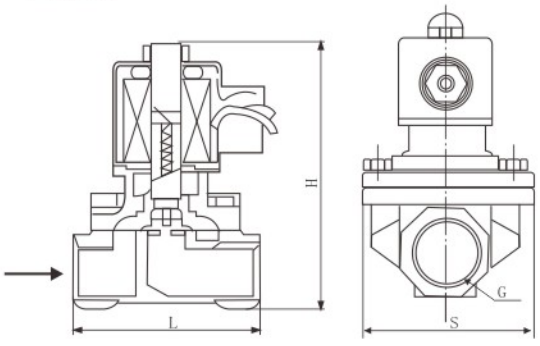
# SLDF 2/2-way series underwater solenoid valve

## 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

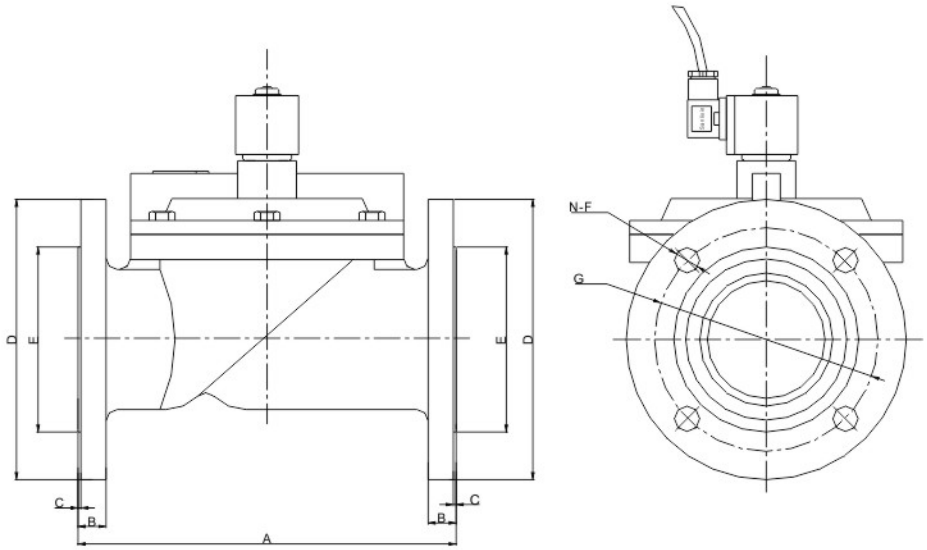
| | | | |
|---|---|---|---|
| 1 | Ambient Temp. | -10℃~50℃ | |
| 2 | Operating Pressure | ≤ ϕ50 0~0.6MPa > ϕ65 0.06MPa~0.5MPa<br>External type: 0.1~2.5MPa | |
| 3 | Fluid Media | Water | |
| 4 | Fluids Temp. | 0℃~60℃ | |
| 5 | Body Material | Brass、Stainless Steel、Plastic、Iron | |
| 5 | Voltage | ϕ25 above 65 | AC 220V 28VA、DC24V 33W |
| | | ϕ32/40/50 | 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 |

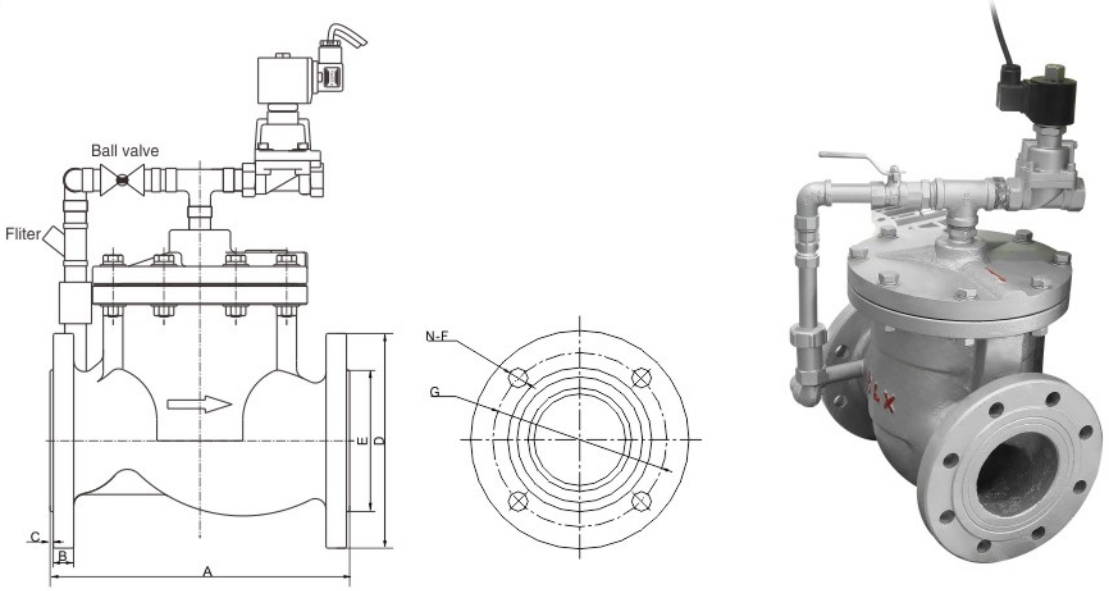
# SLDF 2/2-way series underwater solenoid valve

## 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 | |