

Shut off Valve - Inline and Right angle, Model : SLG, SLWG



the right connection
the right environment

Ref. No : H04343, Release March 2018 (Dimensions in mm)

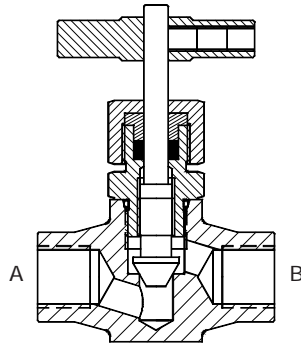
Description

Shut off valve model SLG, SLWG are two way, seat type valves.

These are used for isolating the oil flow in the direction as indicated by an arrow mark shown on the valve body.



Section



Hydraulic Symbol

Unit Dimensions

In - line and Right angle bodies (With BSP ports)

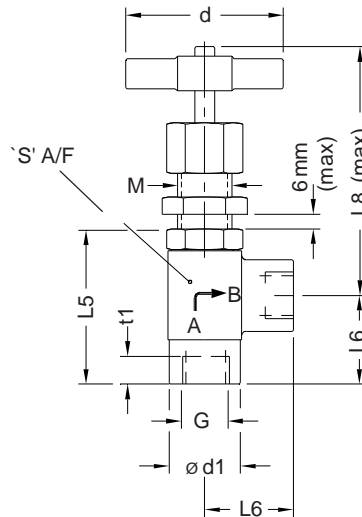
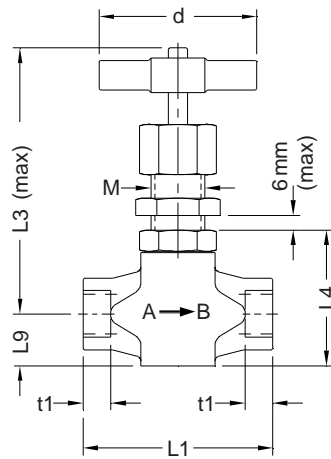


Table 1

| Model Code In-line | Model Code Right angle | G | L1 | L3 | L4 | L5 | L6 | L8 | L9 | d | t1 | S | M |
|-----------------------|---------------------------|--------|-----|-------|-------|-------|----|-------|------|-----|----|----|---------|
| SLG02-2.0 | SLWG02-2.0 | G 1/4 | 70 | 110.5 | 54.5 | 56.5 | 30 | 103.5 | 21.0 | 64 | 14 | 30 | M22x1.5 |
| SLG03-2.0 | SLWG03-2.0 | G 3/8 | 70 | 110.5 | 54.5 | 56.5 | 30 | 103.5 | 21.0 | 64 | 14 | 30 | M22x1.5 |
| SLG04-2.0 | SLWG04-2.0 | G 1/2 | 77 | 110.5 | 54.5 | 62.5 | 36 | 103.5 | 21.0 | 64 | 17 | 30 | M22x1.5 |
| SLG06-2.0 | SLWG06-2.0 | G 3/4 | 93 | 122.0 | 71.0 | 77.0 | 45 | 110.0 | 27.0 | 84 | 17 | 36 | M26x1.5 |
| SLG08-2.0 | SLWG08-2.0 | G1 | 93 | 122.0 | 72.0 | 77.0 | 45 | 110.0 | 27.0 | 84 | 18 | 46 | M26x1.5 |
| SLG10-2.0 | SLWG10-2.0 | G1.1/4 | 162 | 162.0 | 105.0 | 113.0 | 65 | 143.0 | 51.5 | 120 | 22 | 60 | M42x2.0 |
| SLG12-2.0 | SLWG12-2.0 | G1.1/2 | 162 | 162.0 | 105.0 | 113.0 | 65 | 143.0 | 51.5 | 120 | 24 | 60 | M42x2.0 |

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Unit Dimensions

In - line and Right angle bodies (With Tube ends)

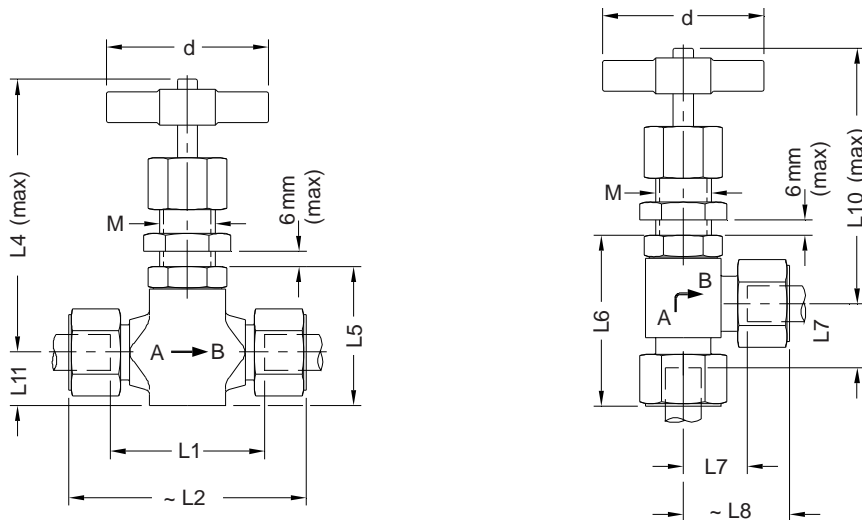


Table 2

| Model Code In-line | Model Code Right angle | Tube OD | L1 | L2 | L4 | L5 | L6 | L7 | L8 | L10 | L11 | d | S1 | S2 | M |
|-----------------------|---------------------------|------------|-----|-------|-------|-------|------|------|------|-------|-----|-----|----|----|---------|
| SL10S-2.0 | SLW10S-2.0 | 10 | 55 | 88.0 | 110.5 | 54.5 | 65.5 | 22.0 | 39.0 | 103.5 | 21 | 64 | 22 | 30 | M22x1.5 |
| SL12S-2.0 | SLW12S-2.0 | 12 | 55 | 88.0 | 110.5 | 54.5 | 65.5 | 22.0 | 39.0 | 103.5 | 21 | 64 | 24 | 30 | M22x1.5 |
| SL16S-2.0 | SLW16S-2.0 | 16 | 60 | 97.0 | 110.5 | 54.5 | 67.5 | 22.0 | 41.0 | 103.5 | 21 | 64 | 30 | 30 | M22x1.5 |
| SL20S-2.0 | SLW20S-2.0 | 20 | 72 | 115.0 | 122.0 | 71.5 | 77 | 28.0 | 68.0 | 110 | 28 | 84 | 36 | 41 | M26x1.5 |
| SL25S-2.0 | SLW25S-2.0 | 25 | 69 | 117.0 | 122.0 | 71.5 | 82.5 | 28.0 | 73.5 | 110 | 28 | 84 | 46 | 41 | M26x1.5 |
| SL30S-2.0 | SLW30S-2.0 | 30 | 135 | 188.0 | 162.0 | 118.0 | 111 | 40.0 | 63.0 | 143 | 52 | 120 | 50 | 60 | M42x2.0 |
| SL38S-2.0 | SLW38S-2.0 | 38 | 130 | 192.0 | 162.0 | 118.0 | 115 | 40.0 | 67.0 | 143 | 52 | 120 | 60 | 60 | M42x2.0 |

Technical Specifications

- Construction Seat type valve.
- Mounting style In-line or Right angle body, line mounted.
- Mounting position Optional.
- Flow direction As indicated by an arrow on valve body.
- Operating pressure 350 bar.
- Hydraulic medium Mineral oil.
- Viscosity range 10 cSt to 380 cSt.
- Fluid temperature range -20 °C to +80 °C.
- Fluid cleanliness requirement As per ISO 19/16 or better.
- Maximum flow handling capacity Refer graph.

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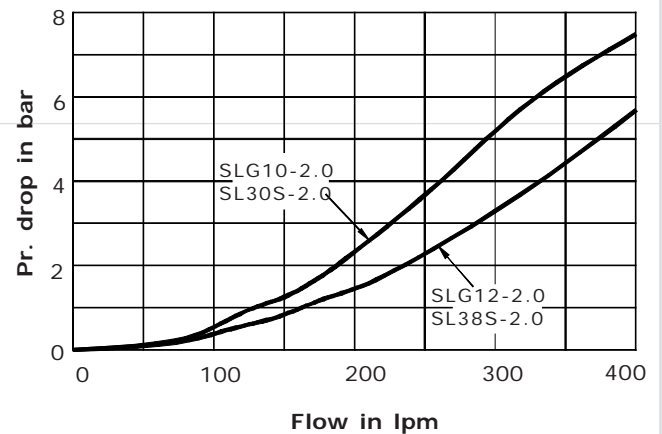
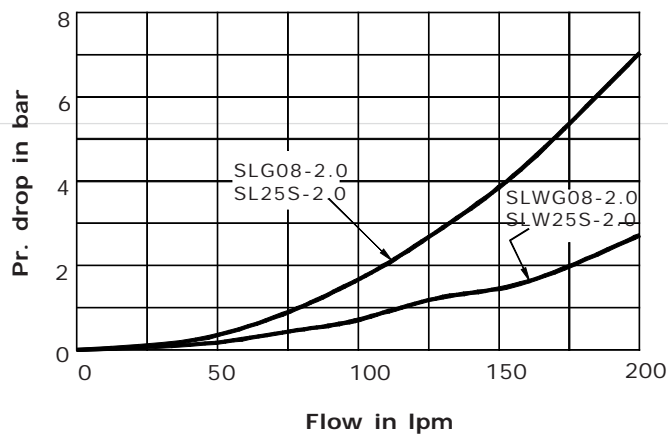
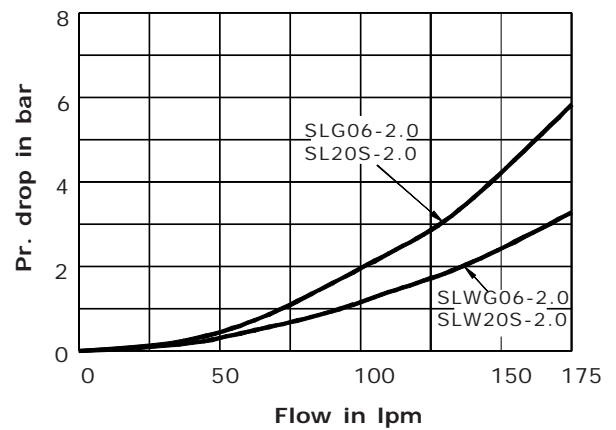
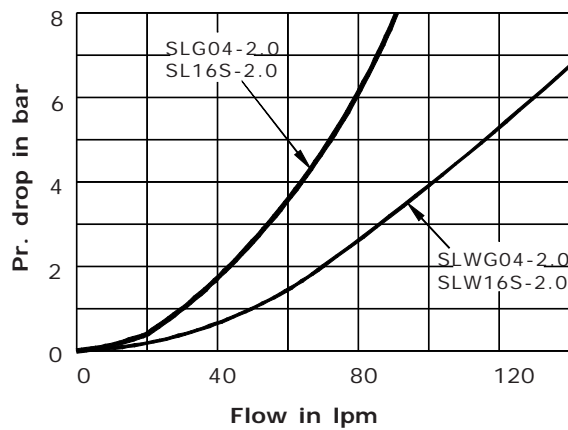
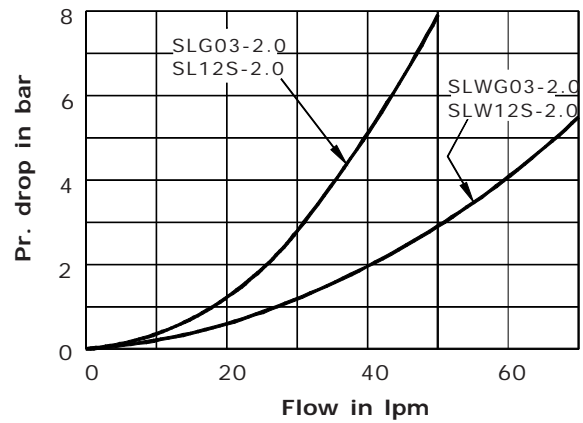
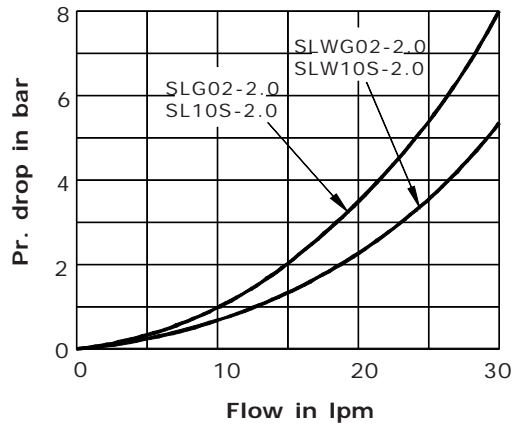


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Performance Curves

Oil used : ISO VG 68,
Viscosity : 68 cSt @ 40 °C
Test conducted at : 50 °C.



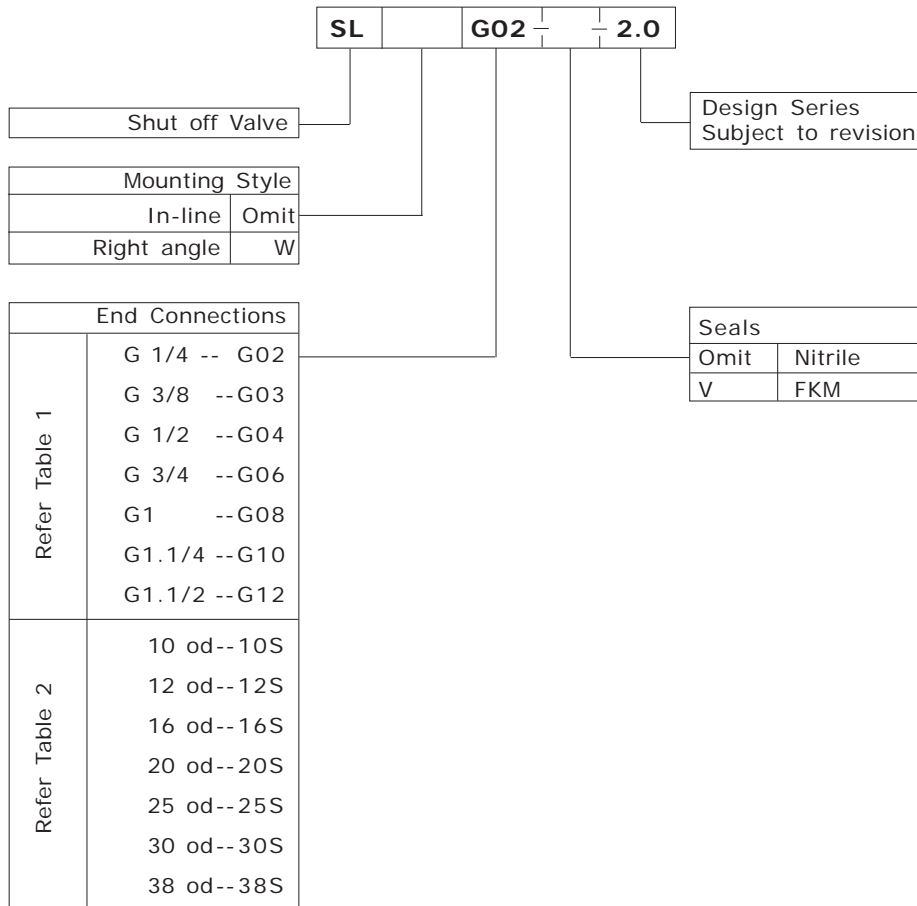
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Ordering Code



Note : Add prefix 316 to the existing part code for SS 316 valves. e.g. **316-SLG04-2.0**