



The right connection  
The right environment

# Shut off Valves - Inline and Right angle SLG / SLWG

Ref. No. H04343  
Release: Aug 2020  
ENGINEERING - 1 of 2

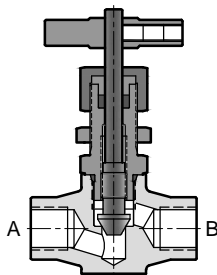
## Description

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

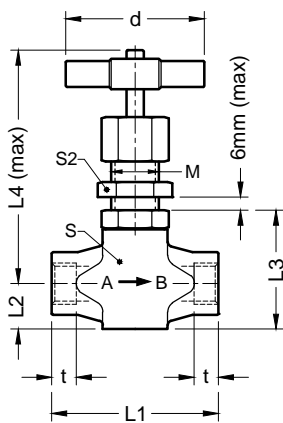


Hydraulic Symbol

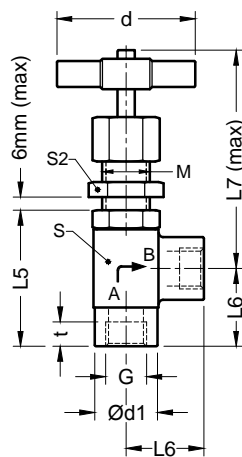


## Unit Dimensions

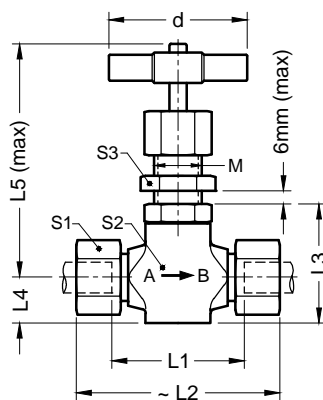
In-line threaded ports



Right angle threaded ports



In-line Tube mounting



Right Angle Tube mounting

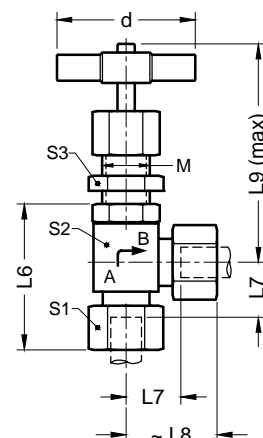


Table-1

Dimensions in mm.

G	Ød1	Pr. (bar)	L1	t	L2	L3	L4	L5	L6	L7	d	S	S2	M
G 1/4	22	350	70	14	21	54.5	110.5	56.5	30	103.5		30		
G 3/8	25	350	70	14	21	54.5	110.5	56.5	30	103.5	64	30	30	M22x1.5
G 1/2	29	350	77	17	21	54.5	110.5	62.5	36	103.5		30		
G 3/4	35	350	93	17	27	71.0	122.0	77.0	45	110.0	84	36	36	M26x1.5
G1	44	350	93	18	27	72.0	122.0	77.0	45	110.0		46		
G1.1/4	58	250	162	22	51.5	105.0	162.0	113.0	65	143.0	120	60	50	M42x2.0
G1.1/2	58	250	162	24	51.5	105.0	162.0	113.0	65	143.0		60		

Table-2

Tube OD	Pr. (bar)	L1	L2	L3	L4	L5	L6	L7	L8	L9	d	S1	S2	S3	M
10	350	55	88				65.5		39.0		22	30			
12	350	55	88	54.5	21	110.5	65.5	22	39.0	103.5	64	24	30	30	M22x1.5
16	350	60	97				67.5		41.0		30	30			
20	350	72	115				77.0		68.0		36	36	36		M26x1.5
25	350	69	117	71.5	28	122.0	82.5		73.5		46	46			
30	250	135	188				111.0		63.0		50	60	50		M42x2.0
38	250	130	192	118.0	52	162.0	115.0	40	67.0	143.0	120	60	60		



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## Technical Specifications

Construction ----- Seat type Valves.

Mounting style ----- Inline or right angle port or tube mounting.

Mounting position ----- Optional.

Flow direction ----- Either side.

Operating pressure ----- Refer Table -1 and Table-2.

Hydraulic medium ----- Mineral oil.

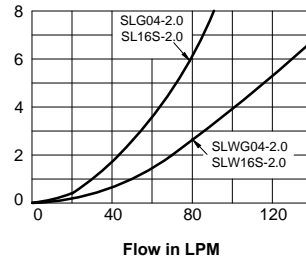
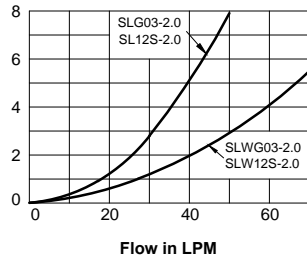
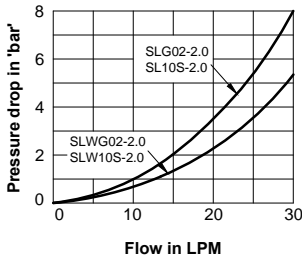
Viscosity range ----- 10 cSt to 380 cSt.

Fluid temperature range ----- -20 °C to +80 °C

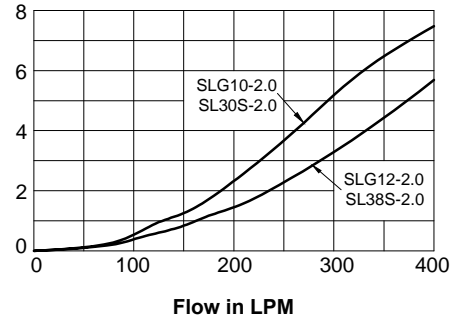
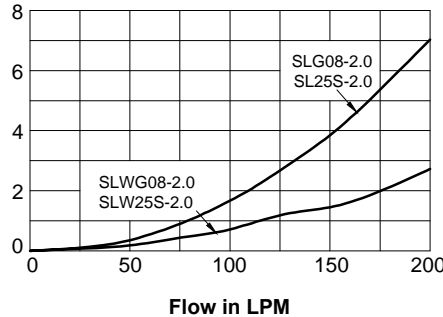
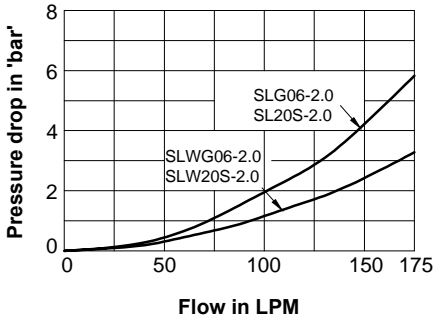
Fluid cleanliness requirement ----- As per ISO 4406 20/18/15

Nom. flow handling capacity ----- Refer graphs

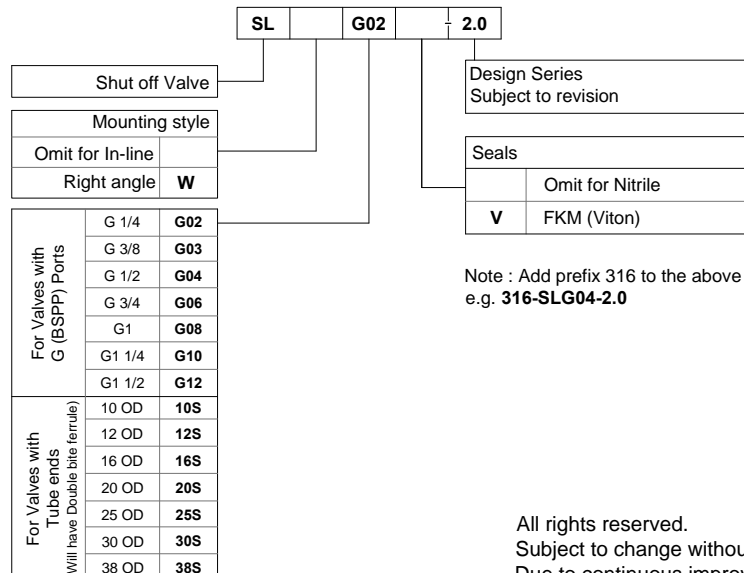
## Performance curves



Oil used : ISO VG 68  
Viscosity : 68 cSt @ 40 °C  
Test conducted at : 50 °C  
Condition : Valve fully opened



## Ordering Code



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

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