



The right connection  
The right environment

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

Ref. No. H04343  
Release: Apr 2025  
ENGINEERING - 1 of 2

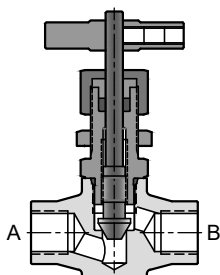
### Description

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

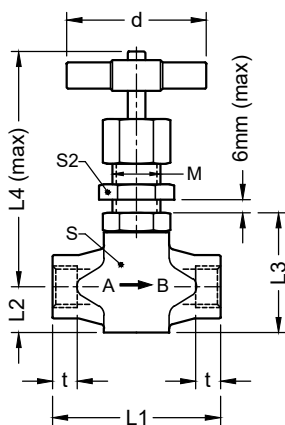


Hydraulic Symbol

A  B

### Unit Dimensions

In-line threaded ports



Right angle threaded ports

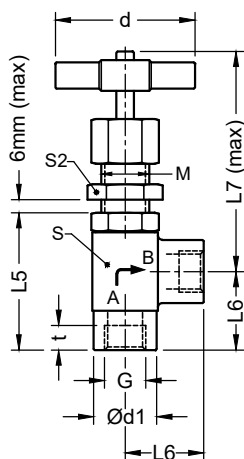
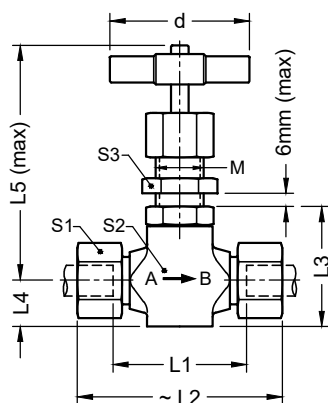


Table-1

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		

In-line Tube mounting



Right Angle Tube mounting

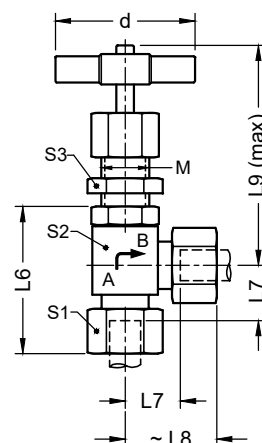


Table-2

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	71.5	28	122.0	77.0	28	68.0	110.0	84	36	36	36	M26x1.5
25	350	69	117				82.5		73.5		46	46			
30	250	135	188	118.0	52	162.0	111.0	40	63.0	143.0	120	50	60	50	M42x2.0
38	250	130	192				115.0		67.0		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.

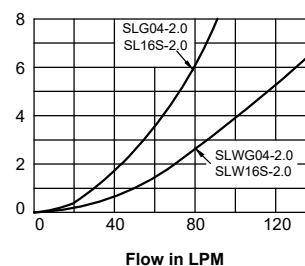
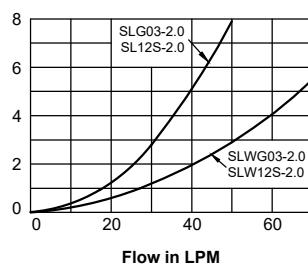
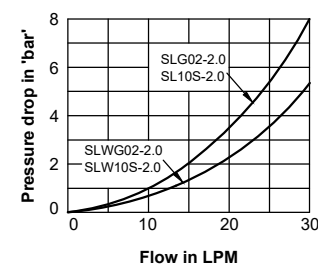
Viscosity range ----- 10 cSt to 380 cSt.

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

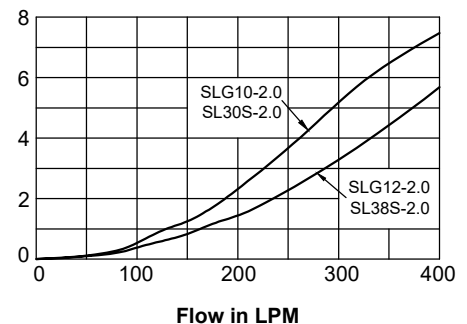
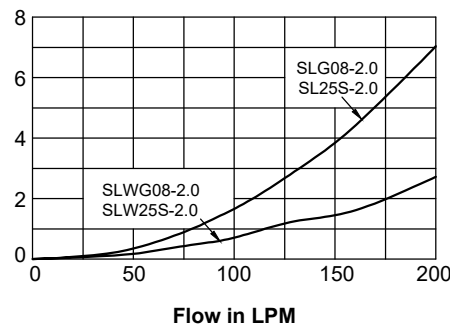
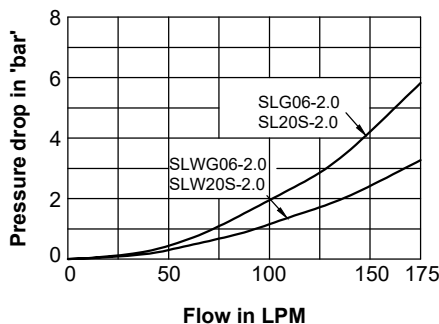
Fluid cleanliness requirement ----- As per ISO 4406 20/18/15

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

SL		G02	2.0
Shut off Valve		Design Series Subject to revision	
Mounting style		Seals	
Omit for In-line		Omit for Nitrile	
Right angle	W	V	FKM (Viton)
For Valves with G (BSPP) Ports			
G 1/4	G02		
G 3/8	G03		
G 1/2	G04		
G 3/4	G06		
G 1	G08		
G 1 1/4	G10		
G 1 1/2	G12		
For Valves with Tube ends (Will have Double bite ferrule)			
10 OD	10S		
12 OD	12S		
16 OD	16S		
20 OD	20S		
25 OD	25S		
30 OD	30S		
38 OD	38S		

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

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the actual product supplied may look different than shown above.