

Shut off Valve, In-line flange mounting, Model : SLBF-A/D-※-2.0



the right connection
the right environment

Ref. No : H04181, Release March 2018 (Dimensions in mm)

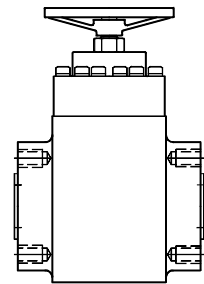
Description

Seat type valve with replaceable cartridge.
Balanced poppet construction to reduce operating forces.

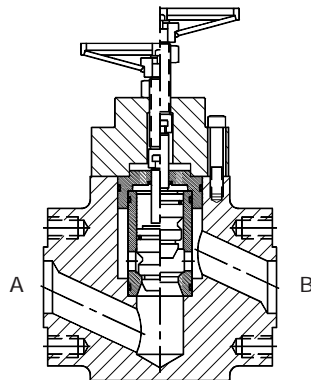
Can also be used for throttling the flow.

Provision for locking the spindle in any set position.
(for throttling purpose).

Inlet and outlet ports are provided with provision for mounting of flanges as per ANSI B16.5 and DIN 2628 (250 bar) flanges.



Section



A B
Hydraulic Symbol

Unit Dimensions

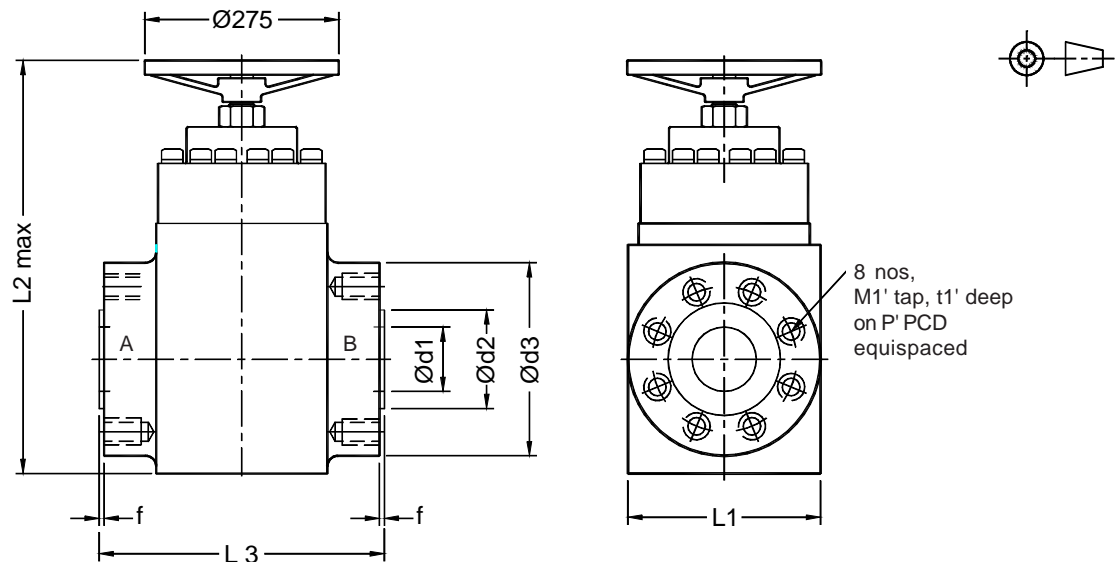


Table 1

Model Code	Flange Standard	Flange Size	Pr (bar)	Ød1	Ød2	Ød3	M1	t1	ØP	f	L1	L2	L3
SLBF-A63-2.0	ANSI B16.5	DN65	250	72	160	245	M27x3.0	41	190.5	7	245	547	350
SLBF-D63-2.0	DIN 2628	NB 65		60	122		M24x3.0	36	180.0	3			
SLBF-A80-2.0	ANSI B16.5	DN 80		270	90	180	M30x3.5	45	203.0	7	270	638	400
SLBF-D80-2.0	DIN 2628	NB 80			78	138	M27x3.0	41	200.0	3			
SLBF-A100-2.0	ANSI B16.5	DN 100		310	110	195	M33x3.5	50	241.5	7	310	785	520
SLBF-D100-2.0	DIN 2628	NB 100			98	162	M30x3.5	45	235.0	3			

Shut off Valve, In-line flange mounting, Model : SLBF-A/D- \ast -2.0



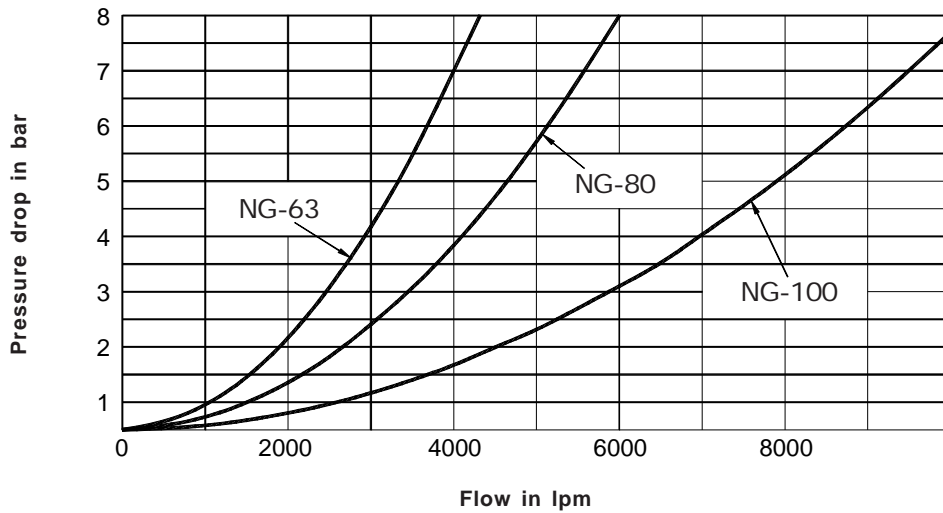
the right connection
the right environment

Ref. No : H04181, Release March 2018 (Dimensions in mm)

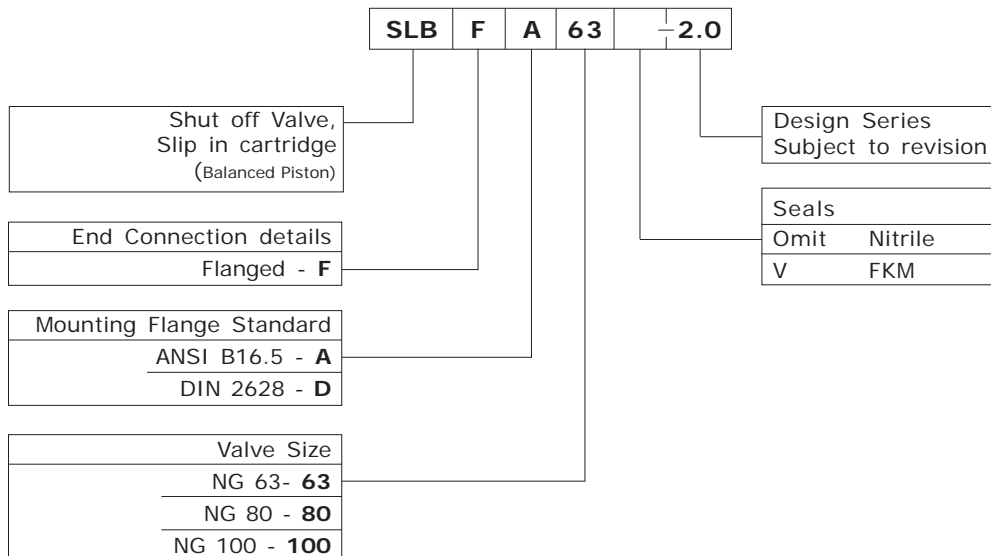
Technical Specifications

- Construction Seat type valve with seals on poppet. Partially balanced.
- Mounting type In line flange mounting as per ANSI B16.5 and DIN 2628
- Mounting position Optional
- Flow direction From port `A' to port `B'.
- Operating pressure 250 bar
- Hydraulic medium Mineral oil.
- Viscosity range 10 cSt to 380 cSt.
- Fluid temperature range -20 °C to +70 °C.
- Fluid cleanliness requirement As per ISO 19/16 or better.
- Maximum flow handling capacity Refer graph.

Expected Performance Curves



Ordering Code





The right connection
The right environment

Shut off Valves, Sub-plate mounting MHSL

Ref. No. H04087
Release: Aug 2020

ENGINEERING - 1 of 2

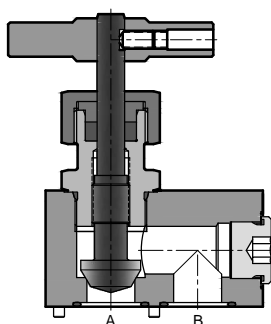
Description

Shut off valves model **MHSL** are rising spindle valves with metal seat for leak free closure between its port 'A' and Port 'B'

The mounting interface conforms to factory standard.



Section



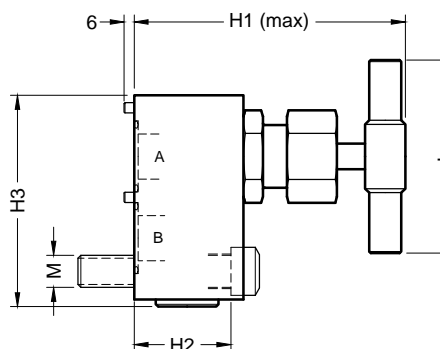
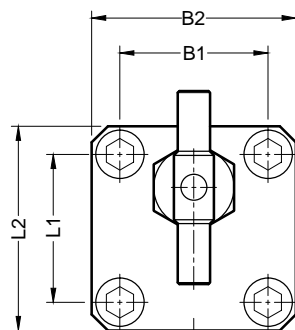
Hydraulic Symbol



Unit Dimensions

Sub-plate mounting

Dimensions in mm.



Size	Part code	B1	B2	L1	L2	H1	H2	H3	L	Mounting screws (10.9)	Torque	Mass (Kg)
DN 11	MHSL11-2.0	47.8	65	60.5	78	106	35.0	79	64	M10 x 50 Long	20 Nm	1.5
DN 19	MHSL19-2.0	65.0	97	81.0	113	135	26.0	118	84	M16 x 50 Long	110 Nm	3.6
DN 28	MHSL28-2.0	92.0	127	92.0	127	186	60.0	131	120	M20 x 90 Long	225 Nm	8.5

Technical Specifications

Construction ----- Rising spindle.
Mounting style ----- Sub-plate mounting.
Mounting Interface ----- Factory standard.
Flow direction ----- From 'A' to 'B' or 'B' to 'A'
Operating pressure ----- 350 bar.

Hydraulic medium ----- Mineral oil.
Viscosity range ----- 10 cSt to 380 cSt.
Fluid temperature range ----- -20 °C to +70 °C
Fluid cleanliness requirement ----- As per ISO 4406 20/18/15
Nom. flow handling capacity ----- Refer graphs



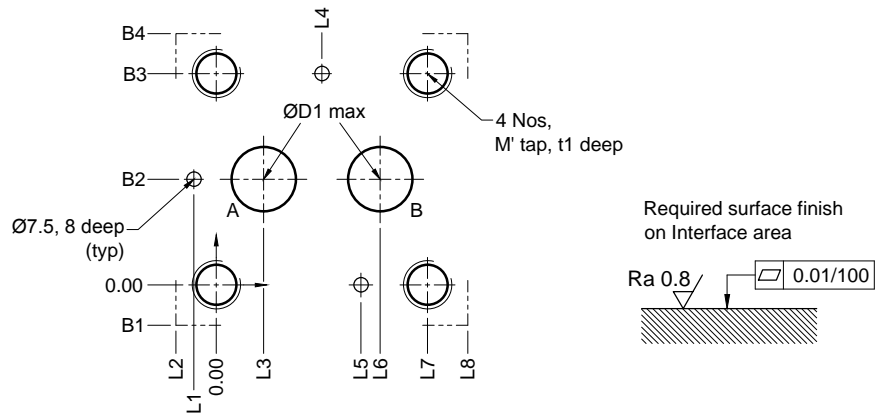
The right connection
The right environment

Shut off Valves, Sub-plate mounting MHSL

Ref. No. H04087
Release: Aug 2020

ENGINEERING - 2 of 2

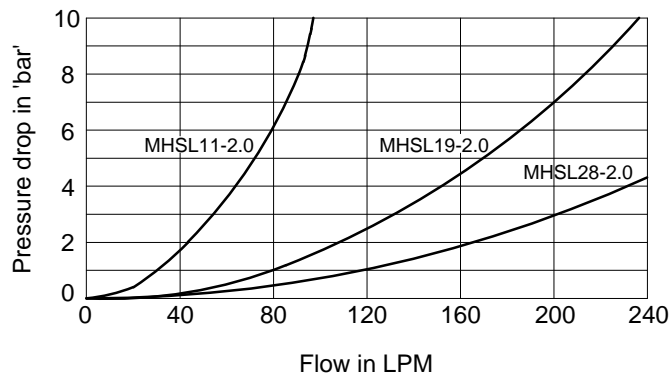
Interface - Factory standard



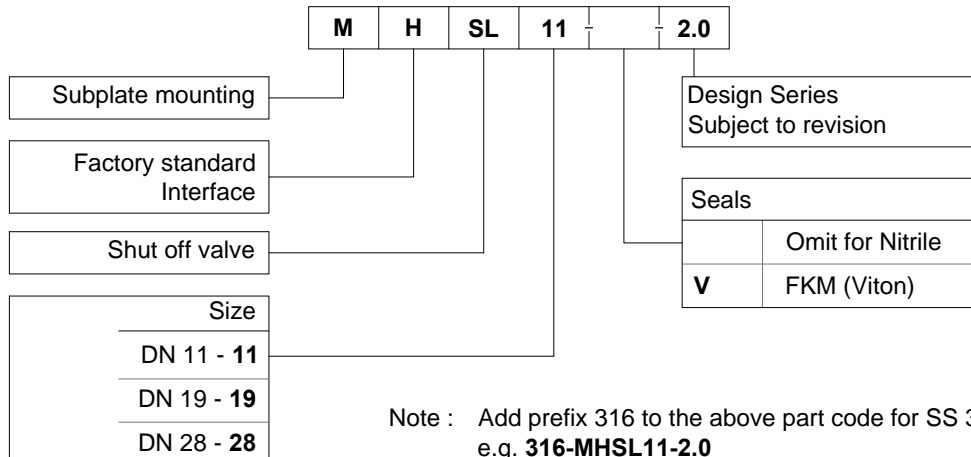
Size	Part code	ØD1	L1	L2	L3	L4	L5	L6	L7	L8	B1	B2	B3	B4	M	t 1
DN 11	MHSL11-2.0	11.0	---	-8.6	12.7	30.3	47.8	47.8	60.5	69.4	-8.6	23.9	47.8	56.4	M10	18
DN 19	MHSL19-2.0	19.0	-8.70	-16.0	22.2	40.5	---	68.3	81.0	97.0	-16.0	32.5	65.0	81.0	M16	28
DN 28	MHSL28-2.0	28.0	-9.65	-17.5	20.6	46.0	---	71.4	92.0	109.5	-17.5	46.0	92.0	109.5	M20	35

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-MHSL11-2.0**

All rights reserved.

Subject to change without notice.

Due to continuous improvement in the design of the product, the actual product supplied may look different than shown above.

Shut off Valve, In-line flange mounting, Model : SLBF-J-25-2.0



the right connection
the right environment

Ref. No : H03322, Release March 2018 (Dimensions in mm)

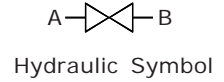
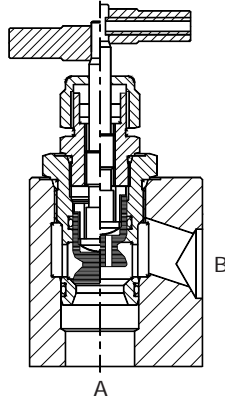
Description

These are seat type, rising spindle valves with balanced sealed poppet construction for easy closure or opening of the valve.

Inlet and outlet ports are provided with provision for mounting of flanges as per ISO 6162 bolt pattern.



Section



Unit Dimensions

In-line flange mounting Valves - **SLBF**

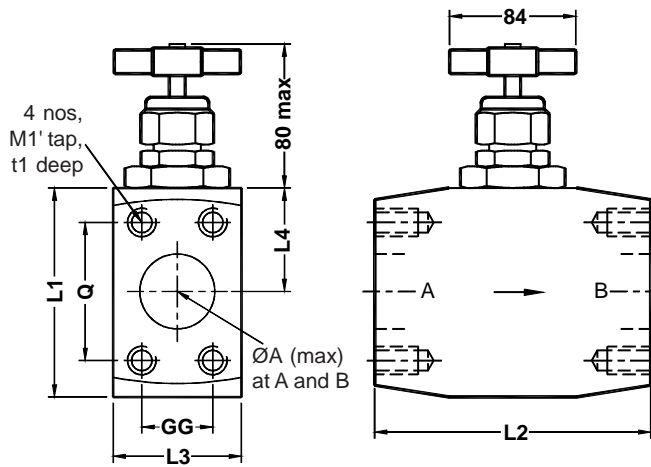
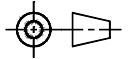


Table 1

Model Code	ØA	L1	L2	L3	L4
SLBF-J08L25-2.0	25	105	150	60	52.0
SLBF-J10L25-2.0	32	100	130	65	52.5
SLBF-J12L25-2.0	38	105	140	65	52.5

Model Code	Q	GG	M1	t1
SLBF-J08L25-2.0	52.4	26.2	M10 x 1.50	17
SLBF-J10L25-2.0	58.7	30.2	M10 x 1.50	17
SLBF-J12L25-2.0	69.9	35.7	M12 x 1.75	20

Right angle flange mounting Valves - **SLBWF**

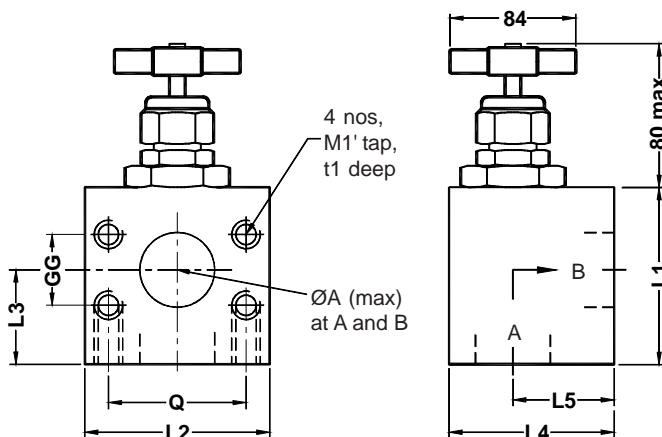


Table 2

Model Code	ØA	L1	L2	L3	L4	L5
SLBWF-J10L25-2.0	32	87.5	80	47.5	80	47.5
SLBWF-J12L25-2.0	38	93.5	94	51.5	84	51.5

Model Code	Q	GG	M1	t1
SLBWF-J10L25-2.0	58.7	30.2	M10 x 1.50	17
SLBWF-J12L25-2.0	69.9	35.7	M12 x 1.75	20

Shut off Valve, In-line flange mounting, Model : SLBF-J-25-2.0



the right connection
the right environment

Ref. No : H03322, Release March 2018 (Dimensions in mm)

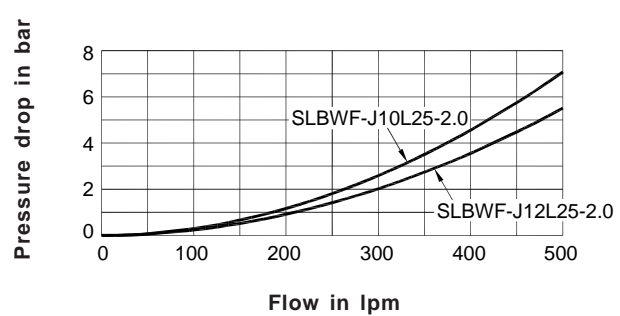
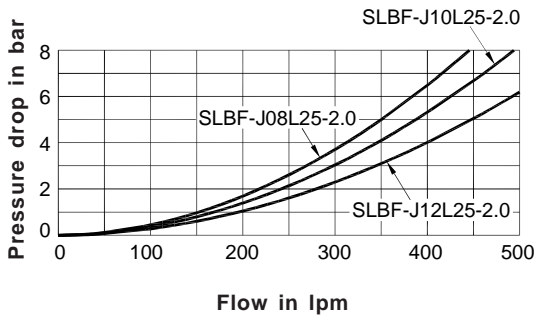
Technical Specifications

- Construction Sealed balanced poppet, seat type.
- Mounting type In line or right angle flange mounting, interface conforms to ISO 6162 bolt pattern.
(ISO 6164 bolt pattern flanges are also available on request)
- Mounting position Optional
- Flow direction From port `A' to port `B'.
- Operating pressure For, Size 1 1/4" - 276 bar
Size 1 1/2" - 200 bar
- Hydraulic medium Mineral oil.
- Viscosity range 10 cSt to 380 cSt.
- Fluid temperature range -20 °C to +70 °C.
- Fluid cleanliness requirement As per ISO 19/16 or better.
- Mass Refer table below

Model Code	SLBF-J08L25-2.0	SLBF-J10L25-2.0	SLBF-J12L25-2.0	SLBWF-J10L25-2.0	SLBWF-J12L25-2.0
Mass in Kg	6.0	6.6	7.5	4.4	5.8

Maximum flow handling capacity Refer graphs below.

Expected Performance Curves



Ordering Code

SLB W F J 08 L 25 - 2.0

