

SLPV - 25 is Seatless & gland less piston valve in cast carbon steel (WCB). Maintenance free design suitable for varied applications.



UNIQUE FEATURES

- Wear & Erosion resistance for most of the fluids
- Unique sealing arrangement for extended life of Valve
- Class VI leakage Valve
- Use of Belleville washer to compensate thermal expansion

DIMENSIONS

Size	# A150 (L)	# 300 (L)	H
50 NB	203	267	257
65 NB	216	292	395
80 NB	240	317	450
100 NB	242	355	467
125 NB	355	400	550
150 NB	406	444	619
200 NB	435	559	695

SIZE

50 NB, 65 NB, 80 NB, 100 NB, 125 NB, 150 NB, 200 NB

PIPE CONNECTIONS

Flanged : ASA 150, ASA 300

DESIGN CONDITIONS

END Connection	Max. Allowable Pressure (PMA) bar (g)	Max. Allowable Temp (TMA) °C
# ASA150	19.6	-29 to 38
	5.5	425
# ASA300	51.1	-29 to 38
	28.8	425

CERTIFICATION

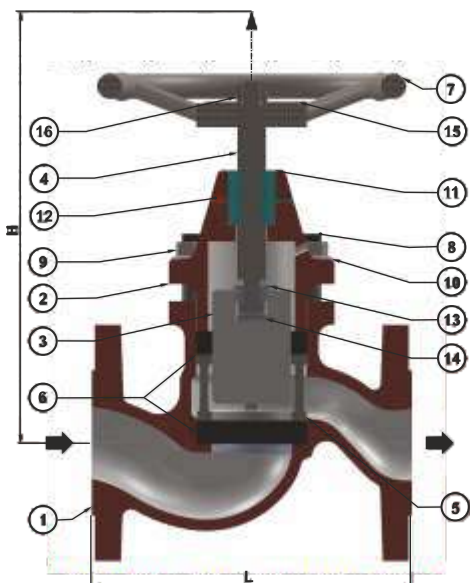
IBR approval / En10204 3.1

INSTALLATION

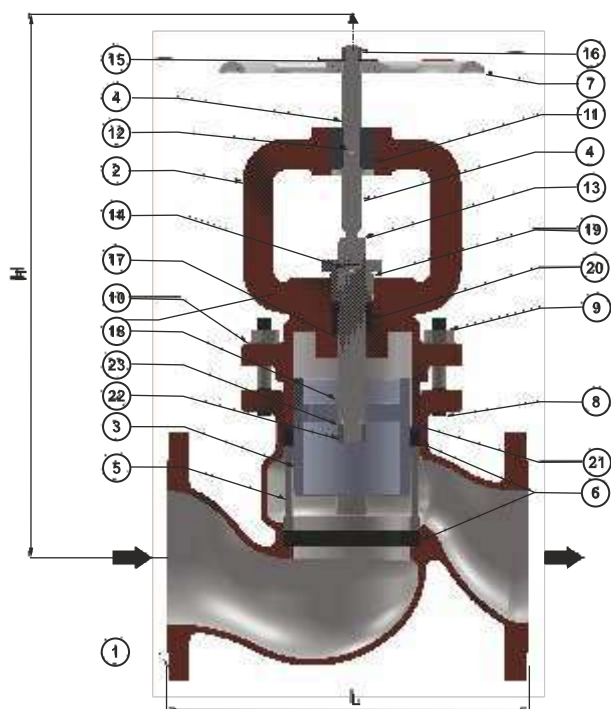
- SLPV - 25 can be installed both horizontally as well as vertically according to pipe line requirement.
- Valve is bi-directional but preferred to install valve as per arrow direction on the valve.
- Ensure proper flushing of line before installation.
- Periodic lubrication of valve is required for smooth functioning.

CONSTRUCTION

Size : 50 NB



Size : 150 NB



Size : 50 NB

No.	Part Name	Material	Qty
1	Body	ASTM A 216 WCB	1
2	Bonnet	ASTM A 105	1
3	Piston	AISI 304	1
4	Spindle	AISI 420	1
5	Lantern Ring	ASTM A 743 GR.15	1
6	Body Seal Ring Assembly	Graphite + AISI 304	2
7	Hand Wheel	SS+Fiber Glass	1
8	Stud	ASTM A 193 Gr. B7	*
9	Nut	ASTM A 194 Gr. 2H	*
10	Belleville Washer	Spring Steel 50Cr. V4	*
11	Spindle Bush	AL Bronze	1
12	Bush Retainer	Spring Steel	2
13	Split Nut	Brass	1
14	Thrust Disc	AISI 420 + H.T.	1
15	Name Plate	AISI 304	1
16	Hand Wheel Nut	AISI 304	1

Size : 65 NB to 200 NB

No.	Part Name	Material	Qty
1 to 16	Same as 50NB		
17	Stem	AISI 304	1
18	Backseat Bush	AISI 304	1
19	Gland Nut	ASTM A743 GR. CA 40	1
20	Bonnet Ring Seal Assembly	Graphite + AISI 304	1
21	Bonnet Lower Sealing Ring	Graphite	1
22	Stem Nut	AISI 304	1
23	Stem Washer	AISI 304	1

* For 50, 65nb - stud, nut- 4no., Belleville washer - 8no.
80, 100nb - stud, nut - 6no., Belleville washer - 12no.
125, 150, 200nb - stud, nut - 8no., Belleville washer - 16no.
BONNET MOC FOR 65NB TO 200NB - WCB

SPARE PARTS

- Body Seal Ring Assembly (set of 2)
- Bonnet Seal Ring Assembly (Set of 2)
- Spindle(set of 2)
- Split Nut (Set of 2)

HOW TO ORDER

Ex. SLPV - 25 carbon steel piston valve, 50 NB flange ASA150, IBR

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STEAM SOLUTION GROUP