

Forged Steel Lift/Piston Type Pressure Seal Check Valves, Threaded & Socket-welding End, **CLASS 2500**

Class 2500 (PN 420)

Full Port

ASME CLASS 2500: 6250 psi@100°F
(431.0 bar@38°C)



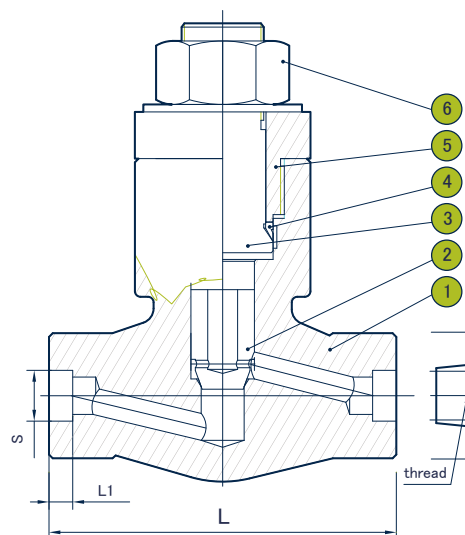
Selection

Connection:
Threaded End/Socketweld End

Thread Type:
NPT/BSPT/DIN

Material of the Body/Bonnet:
A105/F316/F316L/F304/F304/F11/F22

A spring can be added to the lift type check valve
as a piston type one.



Nominal diameter	mm(in)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
D	mm	11(0.43)	14(0.55)	19(0.75)	25(0.98)	28(1.10)	35(1.38)
L	mm	186(7.32)	186(7.32)	186(7.32)	232(9.13)	232(9.13)	279(10.87)
H	mm	117(4.61)	117(4.61)	117(4.61)	152(5.98)	152(5.98)	195(7.68)
Weight	kg	10.5	11	11.8	23	26.4	39

Features

- The higher the internal pressure, the greater the sealing forces
- Meets API 602 required wall thickness / ASME B16.34
- Spiral wound gasket with SS304 / graphite or SS316 / graphite
- Horizontal type
- Valves with low Cv Values
- Compact and sturdy designs for high pressure-temperature service

Component and Common Materials

NO.	PARTS NAME	MATERIALS		
1	Body	A 105	A 182-F304	A 182-F316
2	Disc	13Cr	A 182-F304	A 182-F316
3	Sealing Seat	A 105	A 182-F304	A 182-F316
4	Sealing Ring	SS 304		SS 316
5	Retaining Nut	A 105	A 182-F304	A 182-F316
6	P.S.Lock Nut	A 194-2H		A 193-B8

* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.