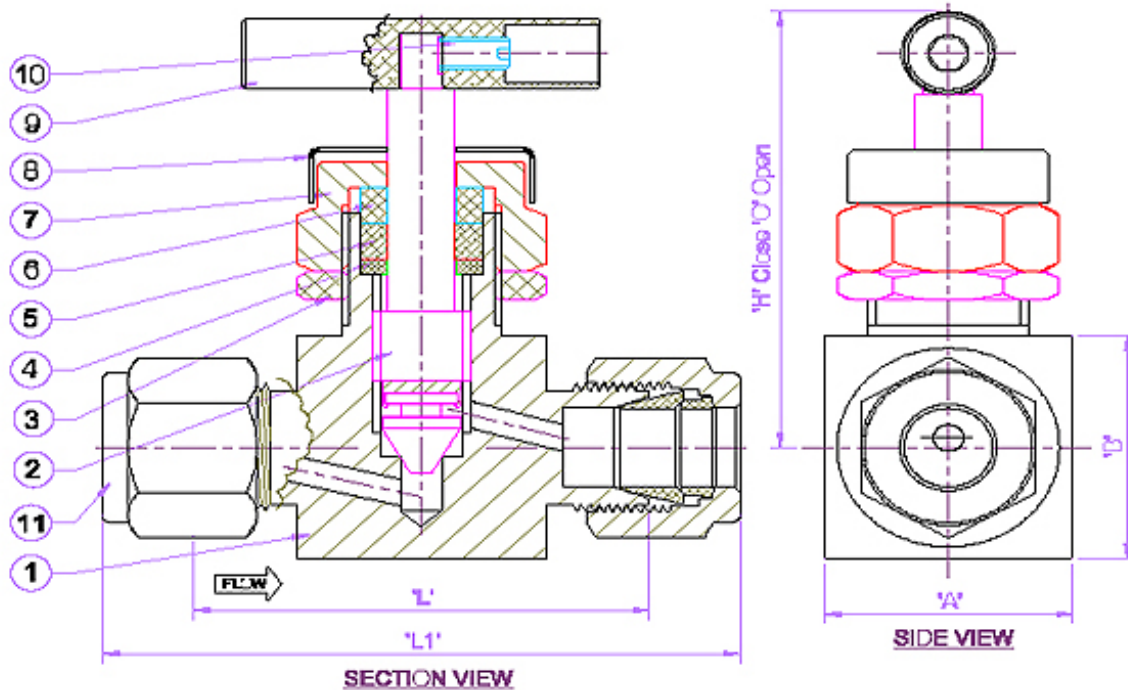




Integral Bonnet Needle Valve Stright Type - ODT



Technical Specification

- INTEGRAL BONNET DESIGN.
- WORKING PRESSURE : 6000 Psi (413 Bar)
- STEM PACKING : PTFE, GRAFOIL.
- PANEL MOUNTING ON REQUEST.
- END CONNECTION : BSPP, BSPT, SAE, NPT.
- MATERIAL OF CONSTRUCTION : SS316, SS304, CS, HASTELLOY, MONEL
- TEMPERATURE RATING : PTFE 450° F (232° C) GRAFOIL 700° F (371° C)
- SPINDLE : GROUND AND THREAD ROLLED.
- DUST CAP PROTEDTS STEM THREADS FROM EXTERNAL CONTAMINATION.
- LEAK TIGHT SEAL WITH LOW OPERATING TORQUE.

Material List

P.NO.	PART NAME	CITY.	MATERIAL
1	VALVE BODY	1	ASTMA276TP316
2	STEM (TIP)	1	SS 316 (AISI-316)
3	CHECK NUT	1	SS316(AISI-316)
4	SPACER	1	SS 316 (AISI-316)
5	GLAND PACKING	1	PTFE
6	GLAND	1	SS 316 (AISI-316)
7	GLAND NUT	1	SS 316 (AISI-316)
8	DUST CAP	1	STD.
9	HANDLE	1	SS304
10	GRUB SCREW	1	s.s.
11	NUT &FERRULE	2	SS 316(AISI-316)

Dimension Table

SIZE	ORIFICE	'A'	'B'	'L'	'L1'	'H'	'O'
1/4"	3.5(0.14")	18(0.71")	22(0.07")	46(1.81")	56(2.20")	79(3.11")	04(3.31")
3/8"	3.5(0.14")	18(0.71")	22(0.87")	49(1.93")	59(2.32")	79(3.11")	84(3.31")
1/2"	4.8(0.19")	22(0.87")	22(0.87")	49(1.93")	70(2.75")	83(3.27")	91(3.58")
3/4"	6.4(0.25")	28(1.10")	20(1.10")	49(1.93")	72(2.83")	117(4.61")	125(4.92")
1"	9.5(0.37")	35(1.38")	35(1.38")	53(2.09")	87(3.42")	118(4.65")	128(5.04")

Fluid Fit Engineers

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