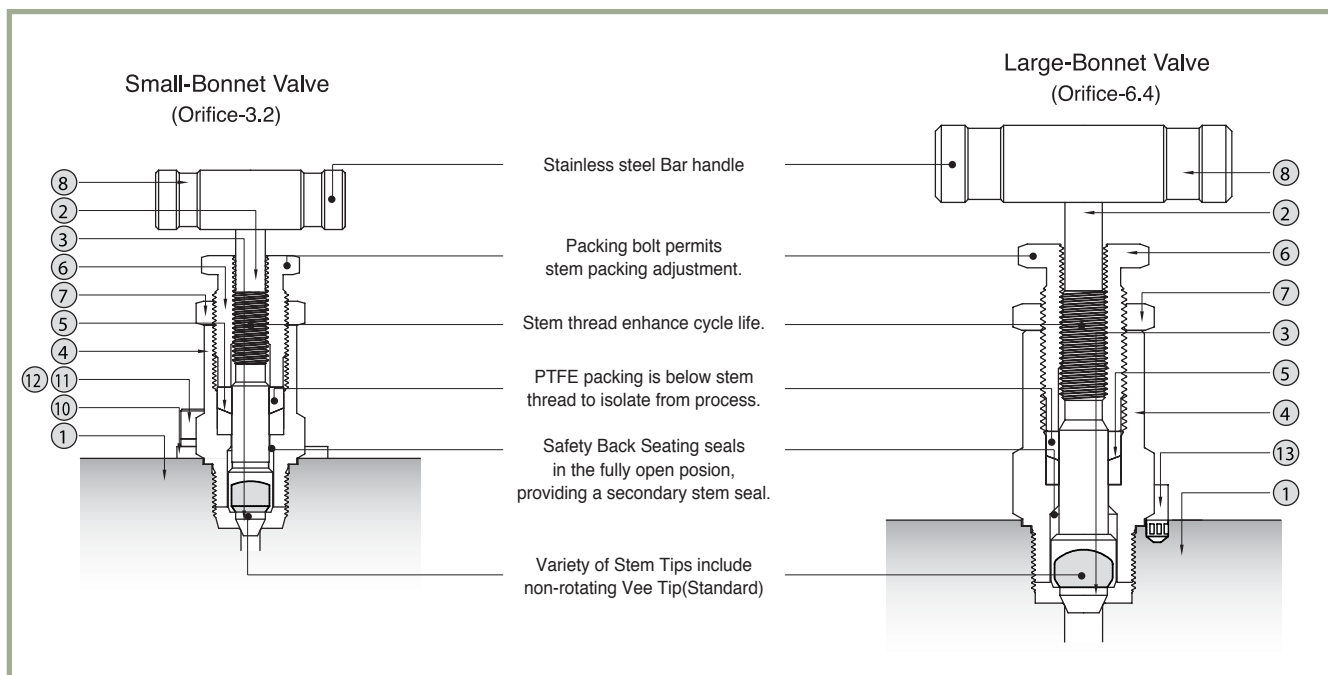




Technical Data

Material of Construction

Component	Material Grade
1 Body	SS316 / A276 or A479
2 Stem	SS316 / A276 or A479
3 Vee Tip	SS316 / A479
4 Bonnet	SS316 / A276 / or A479
5 Packing	PTFE Grafoil (optional)
6 Packing Bolt	SS316 / A276 / or A479
7 Lock Nut	SS316 / A276 / or A479
8 Handle	Stainless Steel
9 Set Screw	Stainless Steel
10 Locking Plate	Stainless Steel
11 Wrench Bolt	Stainless Steel
12 Spring Washer	Stainless Steel
13 Stop Pin	Stainless Steel

Orifice

3.2mm (0.125 in.)	2-Valve Manifolds Block, Bleed Valve 5-Valve Manifolds Equalizer, Bleed Valve
6.4mm (0.250 in.)	3-Valve Manifolds Block, Equalizer Valve 5-Valve Manifolds Block Valve

Features

- 2-,3-,and 5-valves Instrument manifolds valves.
- Pressure Rating up to 6000psig (413bar) @ 100 °F(37°C)
- Temperature up to 1200 °F(648°C) with optional Grafoil packing
- All 316 stainless steel construction with PTFE packing.

Testing

Each valve on every manifold is factory tested with nitrogen gas.
The test is performed to a maximum allowable leak rate of 0.1scc/min.

Pressure-Temperature Rating

Body Material	SS 316	
Packing Material	PTFE	Grafoil
Temperature(°C)	Working Pressure psig(bar)	
-65 (-53) to 100(37)	6000 (413)	6000 (413)
200 (93)	5160 (355)	5160 (355)
250 (121)	4910 (338)	4910 (338)
300 (148)	4660 (321)	4660 (321)
350 (176)	4470 (307)	4470 (307)
400 (204)	4280 (294)	4280 (294)
450 (232)	4130 (284)	4130 (284)
500 (260)	-	3980 (274)
550 (287)	-	3870 (266)
600 (315)	-	3760 (259)
650 (343)	-	3700 (254)
700 (371)	-	3600 (248)
750 (398)	-	3520 (242)
800 (426)	-	3460 (235)
850 (454)	-	3380 (232)
900 (482)	-	3280 (225)
950 (510)	-	3220 (221)
1000 (537)	-	3030 (208)
1050 (565)	-	3000 (206)
1100 (593)	-	2685 (184)
1150 (621)	-	2285 (157)
1200 (648)	-	1715 (118)

* Note
450 °F(232 °C) with standard PTFE packing.
1200 °F(648 °C) with Optional Grafoil packing.