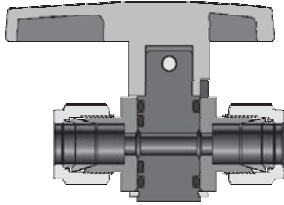


Plug Valves

PV1 Series



Working pressure up to 3000 psig (206 bar).
Working temperatures: -10 °F to 400 °F (-23 °C to 204 °C).
Orifice sizes from 2.4 mm to 10 mm.
Body materials: 316, 304/A479, and brass/B16.
Seal materials: fluorocarbon FKM, Buna N, ethylene propylene, and neoprene.

Pressure-Temperature Ratings

Body Material	316 stainless steel	Brass
Temperature, F (C)	Working Pressure, psig (bar)	
-10 (-23) to 100 (37)	3000 (206)	3000 (206)
200 (93)	3000 (206)	2000 (137)
300 (148)	1000 (68.8)	1000 (68.8)
400 (204)	1000 (68.8)	400 (27.5)

How to Order

PV1 — NPT8 — F8 — V02BN — 316

Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	O-Ring Material	Orifice Size	Handle	Down-stream Vent	Body Material
PV1	FNPT Female NPT	2 1/8 in.	Same as Inlet		V Fluoro-carbon FKM	02 0.093 in. (2.4 mm)	B Black	N No	316
	NPT Male NPT	4 1/4 in.				04 0.172 in. (4.4 mm)	R Red	Y Yes	304
	FBT Female BSPT	6 3/8 in. or 6 mm			B Buna N	07 0.283 in. (7.2 mm)	G Green	Brass	
	MBT Male BSPT	8 1/2 in. or 8 mm				E Ethylene Propylene	L Blue		
	FMS Female ISO (for BP)	10 10 mm			N Neoprene				
	F Fractional Tube Fitting	12 3/4 in. or 12 mm				Z Kalrez			
	M Metric Tube Fitting								