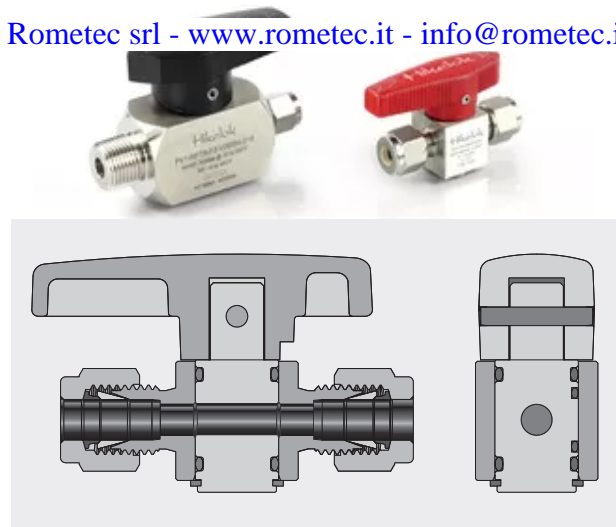
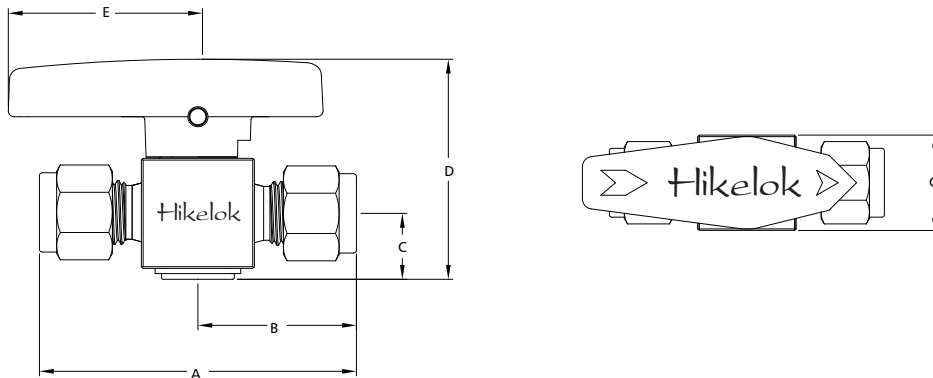


Plug Valves-PV1 Series

- ❖ Maximum working pressure up to 3000 psig (206 bar)
- ❖ Working temperature from -10°F to 400°F (-23°C to 204°C)
- ❖ Quarter turn operation
- ❖ O-ring seal
- ❖ Easy to maintain and clean
- ❖ Replaceable plug assembly
- ❖ 316 stainless steel and brass material
- ❖ Variety of end connections
- ❖ Color coded handles for option



Dimensions



Basic Ordering Number	Connection Type and Size	Orifice in. (mm)	Cv	Dimension, in. (mm)							
				A	B	C	D	E	F	G	
PV1-F2-02-	1/8" Hikelok	0.093 (2.4)	0.10	1.99 (50.5)	0.98 (24.9)						
PV1-F4-04-	1/4" Hikelok	0.172 (4.4)	1.6	2.17 (55.1)	1.08 (27.4)	0.46 (11.7)	1.54 (39.1)	1.14 (29.0)	1.89 (48.0)	0.75 (19.0)	
PV1-F6-04-	3/8" Hikelok		1.1	2.29 (58.2)	1.14 (29.0)						
PV1-F6-07-	3/8" Hikelok	0.283 (7.2)	6.4	2.66 (67.6)	1.33 (33.8)	0.66 (16.8)	2.14 (54.4)	1.50 (38.1)	2.47 (62.7)	1.12 (28.5)	
PV1-F8-07-	1/2" Hikelok		4.4	2.88 (73.2)	1.44 (36.6)						
PV1-M3-02-	3 mm Hikelok	0.093 (2.4)	0.10	1.99 (50.5)	0.98 (24.9)	0.46 (11.7)	1.54 (39.1)	1.14 (29.0)	1.89 (48.0)	0.75 (19.0)	
PV1-M6-04-	6 mm Hikelok	0.172 (4.4)	1.6	2.17 (55.1)	1.08 (27.4)						
PV1-M8-07-	8 mm Hikelok	0.283 (7.2)	6.4	2.66 (67.6)	1.30 (33.0)	0.66 (16.8)	2.14 (54.4)	1.50 (38.1)	2.47 (62.7)	1.12 (28.5)	
PV1-M10-07-	10 mm Hikelok		6.4	2.68 (68.1)	1.34 (34.0)						
PV1-M12-07-	12 mm Hikelok		4.8	2.96 (75.2)	1.44 (36.6)						
PV1-FNPT2-04-	1/8 Female NPT	0.172 (4.4)	1.2	1.78 (45.2)	0.89 (22.6)	0.46 (11.7)	1.54 (39.1)	1.14 (29.0)	1.89 (48.0)	0.75 (19.0)	
PV1-FNPT4-04-	1/4 Female NPT		0.9	2.09 (53.1)	1.05 (26.7)						
PV1-FNPT4-07-	1/4 Female NPT	0.283 (7.2)	4.3	2.38 (60.5)	1.19 (30.2)	0.66 (16.8)	2.14 (54.4)	1.50 (38.1)	2.47 (62.7)	1.12 (28.5)	
PV1-FNPT8-07-	1/2 Female NPT		2.7	2.88 (73.2)	1.44 (36.6)						
PV1-NPT2-04-	1/8 Male NPT	0.172 (4.4)	1.0	1.53 (38.9)	0.76 (19.3)	0.46 (11.7)	1.54 (39.1)	1.14 (29.0)	1.89 (48.0)	0.75 (19.0)	
PV1-NPT4-04-	1/4 Male NPT		1.0	1.90 (48.3)	0.95 (24.1)						

How to Order

PV1 — M10 — FNPT4 — V07 — R — 316

Series	Port 1 Type	Port 1 Size	Port 2 Type	Port 2 Size	Seat Material	Orifice Size	Handle	Body Material		
PV1	FNPT Female NPT	2 1/8 in.	Same as port 1 type and port 2 size		V Fluorocarbon FKM	02 0.093 in. (2.4 mm)	Black	316 316 S.S.		
	NPT Male NPT	3 3 mm					L Blue	316L 316L		
	FBT Female BSPT	4 1/4 in.	If port2 as port 1 are the same, eliminate the port 2 designator		B BunaN	04 0.172 in. (4.4 mm)	R Red	304 304		
	MBT Male BSPT	5 5/16 in.					G Green	304L 304L		
	FMS Female ISO 261	6 3/8 in. or 6 mm					Y Yellow	Z Kalrez	07 0.283 in. (7.2 mm)	BR Brass
	MS Male ISO 261	8 1/2 in. or 8 mm								
	FBP Female BSPP	10 10 mm								
	MBP Male BSPP	12 12 mm								
	F Fractional Tube Fitting									
	M Metric Tube Fitting									