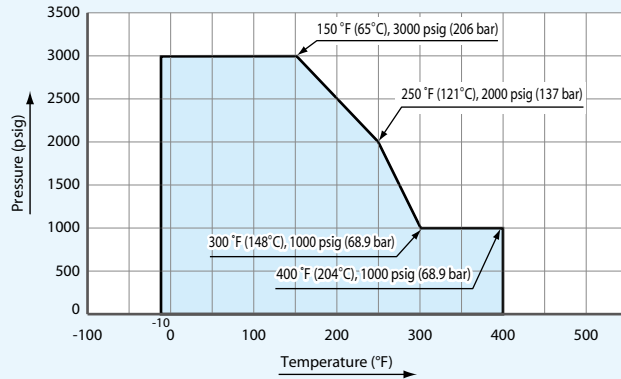


Features

1. Simple, Compact Design
2. Low Operating Torque
3. Quarter Turn Operation

Technical Data

Temperature and Pressure Rating



Applicable Fluid

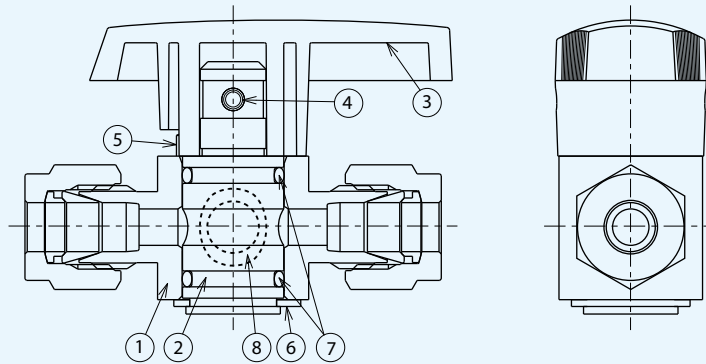
Air, Nitrogen gas, Inert gas like Helium, and non-corrosive gas and liquid.

Note: If the end connection is **New V-Lok** type, the working pressure may be low depending on the tube used. For details, please refer to 1-1, 1-2 in the table of P12.

Attention

1. Differential pressure is limited to 150 psig (10.3 bar) maximum if reverse-flow occurs.
2. Reverse-flow throttling may damage O-Ring.

Materials of Construction



No.	Description	Materials
1	BODY	ASTM A479 316
2	PLUG	PTFE-Coated ASTM A479 316
3	HANDLE	POLYETHERIMIDE
4	ROLL SPRING PIN	SUS304
5	STOP PIN	SUS316
6	C-RING	SUS304
7	O-RING	PTFE-Coated FKM
8	O-RING	PTFE-Coated FKM
Lubricants		Silicone-based

※ 1 : Wetted parts

※ 2 : Please refer to the maintenance stock number of parts of P137 in case of ordering No.7 or 8 parts element.

Operation

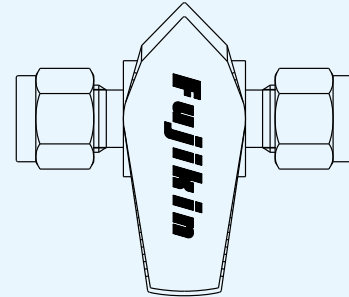
Open



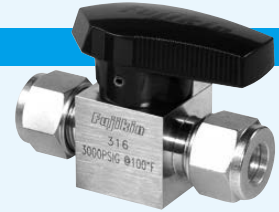
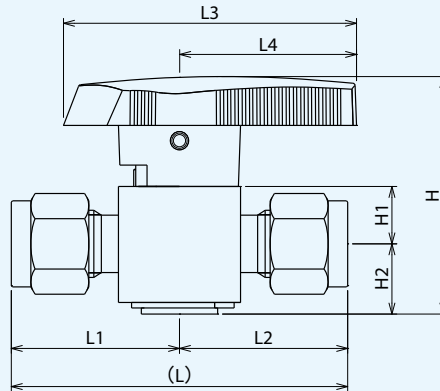
Forward-Flow Throttling



Closed

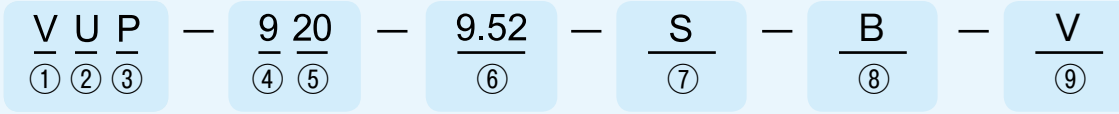


Dimensions



End Connections	Nominal Sizes	Working Pressure psig (bar)	Orifice inch (mm)	Dimensions inch (mm)									Ordering Numbers
				L	L1	L2	H	H1	H2	L3	L4	W	
New V-Lok	1/4in. (6.35mm)	3000 (206)	0.17 (4.4)	2.17 (55.1)	1.09 (27.6)	1.54 (39.1)	0.37 (9.4)	0.46 (11.7)	1.89 (48)	1.14 (29)	0.75 (19.1)	VUP-920-6.35-V	
	2.29 (58.2)			1.15 (29.1)	VUP-920-9.52-S-V								
	3/8in. (9.52mm)		0.28 (7.2)	2.66 (67.6)	1.33 (33.8)	2.14 (54.4)	0.56 (14.2)	0.66 (16.8)	2.47 (62.7)	1.5 (38.1)	1.12 (28.4)	VUP-920-9.52-V	
				2.88 (73.2)	1.44 (36.6)							VUP-920-12.7-V	
Female NPT	1/4		0.17 (4.4)	2.09 (53.1)	1.05 (26.6)	1.54 (39.1)	0.37 (9.4)	0.46 (11.7)	1.89 (48)	1.14 (29)	0.75 (19.1)	VUP-120BN	
	1/2			2.88 (73.2)	1.44 (36.6)							2.14 (54.4)	0.56 (14.2)
Rc	1/4		0.17 (4.4)	2.21 (56.1)	1.11 (28.1)	1.54 (39.1)	0.37 (9.4)	0.46 (11.7)	1.89 (48)	1.14 (29)	0.75 (19.1)		
	1/2			3.14 (79.8)	1.57 (39.9)							2.14 (54.4)	0.56 (14.2)

Ordering Information



① Valve Series

② Body Material
Stainless Steel

③ Valve Type
Plug Valves

④ End Connections
1: Thread Type
9: **New V-Lok** Type

⑤ Working Pressure
3000 psig (206 bar)

⑥ Connection Sizes
6.35: **New V-Lok** 1/4 in.
9.52: **New V-Lok** 3/8 in.
12.7: **New V-Lok** 1/2 in.
BN: 1/4 NPT
DN: 1/2 NPT
B: Rc1/4
D: Rc1/2

Note: In the case of Thread Type, "-" is not added before ⑥.

⑦ Body Sizes
BLANK: STD
S: Small Size

⑧ Handle Color
Blank: Green
B: Blue ※
BK: Black ※
RE: Red ※
Y: Yellow ※
YR: Orange ※

Attention
The handle color change after shipment can't be available.
Please order the Plug Valves with color handle when you need.

⑨ **New V-Lok** Type

※: Getting ready. Begin to sell it soon.

Maintenance Parts (O-Rings) Ordering Numbers

Orifice Diameter inch (mm)	Valve Ordering Numbers	O-Ring Ordering Numbers
0.173 (4.4)	VUP-920-6.35-V	GT O-Ring VUP-920-6.35
	VUP-920-9.52-S-V	
	VUP-120BN	
	VUP-120B	
0.283 (7.2)	VUP-920-9.52-V	GT O-Ring VUP-920-9.52
	VUP-920-12.7-V	
	VUP-120DN	
	VUP-120D	

Please refer the procedure on the instruction manual (No. TKS01-120910-01) before deassembling and checking it.