



Ball Valves

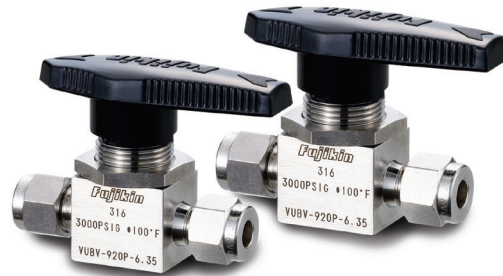
VUBV SERIES



Fujikin Corp. Group

Features

- Simple design with one piece body
- Tight and smooth, low torque and easy operation
- One - piece ball stem
- Panel mountable
- Variety of End Connections
- Each and every valve is tested at the factory



Technical Data

- Temperature and Pressure Rating

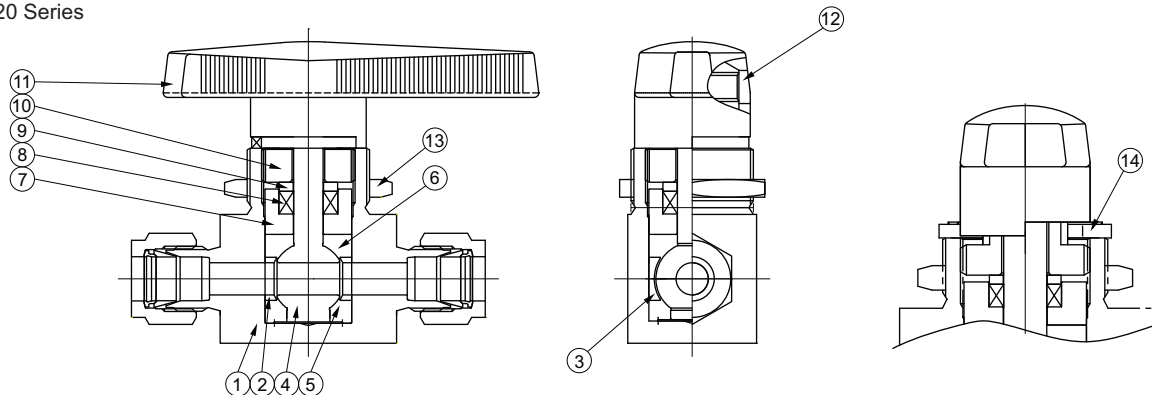
Size	1/4in. 6mm, 8mm	3/8in. 1/2in. 3/4in. 10mm, 12mm
Working Pressure at 100°F(37°C)	3000 psig (206bar)	2500 psig (172bar)
Seat Material	PTFE	PTFE
Temperature, °F(°C)	50(10)~150(65)	

Packing Adjustment

- Each Valve is tested with nitrogen.
- Packing might to be readjusted for service at higher pressure.

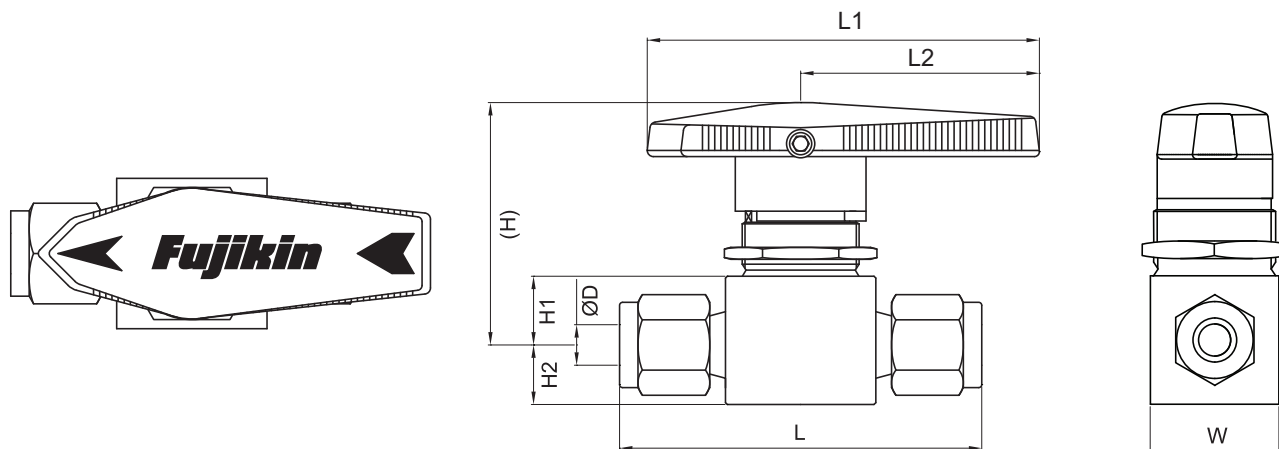
Materials of Construction

- VUBV-920 Series



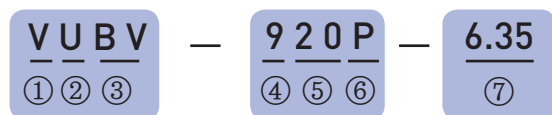
No.	Description	Material
1	BODY	ASTM A479 316
2	RETAINER1	ASTM A276 316
3	RETAINER2	ASTM A276 316
4	STEM	ASTM A276 316
5	SEAT1	PTFE
6	SEAT2	PTFE
7	PACKING BOX	ASTM A276 316
8	GLAND PACKING	PTFE
9	PACKING GLAND BUSH	ASTM A276 316
10	PACKING GLAND SCREW	ASTM A276 316
11	HANDLE	NYLON6 + ADC
12	SET SCREW	S17400
13	PANEL NUT	ASTM A276 304
14	SPACER	ASTM A276 304

Dimensions



End Connections	Size	Working Pressure	Orifice	Dimensions,in.(mm)							Ordering Number
Inlet/Outlet		psig(bar)	in.(mm)	L	L1	L2	H	H1	H2	W	
V-Lok	1/4in.	3000(206)	0.187(4.8)	2.35(59.9)	2.51(63.9)	1.53(38.9)	1.55(39.6)	0.44(11.2)	0.38(9.7)	0.78(19.8)	VUBV-920P-6.35
	3/8in.	2500(172)	0.281(7.1)	3.05(77.5)	3.25(82.8)	2.00(50.8)	2.07(52.6)	0.56(14.2)	-	1.12(28.4)	VUBV-920P-9.52
	1/2in.		0.406(10.3)	3.92(99.6)	4.25(108.2)	3.00(76.2)	2.43(61.7)	0.69(17.5)		1.50(38.1)	VUBV-920P-12.7
	3/4in.							-		VUBV-920P-19.05	
	6mm	3000(206)	0.187(4.8)	2.38(60.7)	2.51(63.9)	1.53(38.9)	1.55(39.6)	0.44(11.2)	0.38(9.7)	0.78(19.8)	VUBV-920P-6
	8mm		2.46(62.5)	-						VUBV-920P-8	
	10mm	2500(172)	0.281(7.1)	3.07(78.0)	3.25(82.8)	2.00(50.8)	2.07(52.6)	0.56(14.2)		1.12(28.4)	VUBV-920P-10
	12mm		0.406(10.3)	3.92(99.6)	4.25(108.2)	3.00(76.2)	2.43(61.7)	0.69(17.5)		1.50(38.1)	VUBV-920P-12
Female NPT	1/4in.	3000(206)	0.187(4.8)	2.06(52.3)	2.51(63.9)	1.53(38.9)	1.55(39.6)	0.44(11.2)	0.38(9.7)	0.78(19.8)	VUBV-120PBN
	3/8in.	2500(172)	0.281(7.1)	2.50(63.5)	3.25(82.8)	2.00(50.8)	2.07(52.6)	0.56(14.2)		1.12(28.4)	VUBV-120PCN
	1/2in.		0.406(10.3)	3.12(79.2)	4.25(108.2)	3.00(76.2)	2.43(61.7)	0.69(17.5)		1.50(38.1)	VUBV-120PDN
Female Rc	1/4in.	3000(206)	0.187(4.8)	2.06(52.3)	2.51(63.9)	1.53(38.9)	1.55(39.6)	0.44(11.2)	0.38(9.7)	0.78(19.8)	VUBV-120PB
	3/8in.	2500(172)	0.281(7.1)	2.50(63.5)	3.25(82.8)	2.00(50.8)	2.07(52.6)	0.56(14.2)		1.12(28.4)	VUBV-120PC
	1/2in.		0.406(10.3)	3.12(79.2)	4.25(108.2)	3.00(76.2)	2.43(61.7)	0.69(17.5)		1.50(38.1)	VUBV-120PD

Ordering Information



- | | | |
|-----------------|-------------------|----------------------|
| ① Valve Series | ④ Connection Type | ⑥ Connection Size |
| ② Body Material | 1 : Screwed Type | 6.35 : V-Lok 1/4in. |
| ASTMA479 316 | 9 : V-Lok Type | 9.52 : V-Lok 3/8in. |
| ③ Valve Type | ⑤ Pressure Rating | 12.7 : V-Lok 1/2in. |
| Ball Valves | ⑥ Panel Nut | 19.05 : V-Lok 3/4in. |
| | | 6 : V-Lok 6mm |
| | | 8 : V-Lok 8mm |
| | | 10 : V-Lok 10mm |
| | | 12 : V-Lok 12mm |
| | | BN : 1/4 NPT |
| | | CN : 3/8 NPT |
| | | DN : 1/2 NPT |
| | | B : Rc1/4 |
| | | C : Rc3/8 |
| | | D : Rc1/2 |



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Beyond the Flow of Things

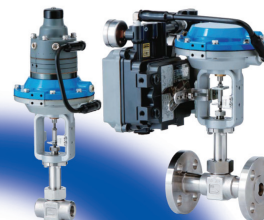
Fujikin provides you with a total solution for your flow control needs.



Weirless Diaphragm Valves



Electronic Control Valves



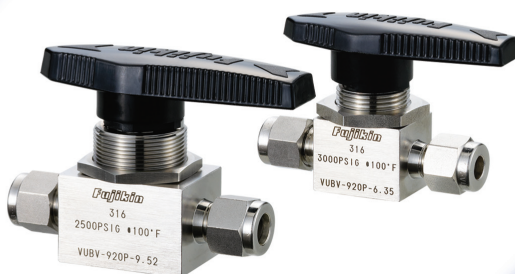
Minucon



Integrated Gas System



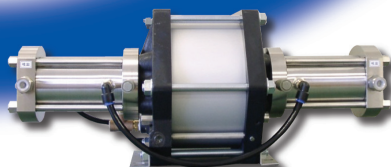
Fine Ceramic Ball Valves
COSMIX



Flow Control System



Static Mixer



Provider
Power Unit



Welding,
processing Machine



Fujikin Corp. Group  **V-Series**
always leads the flow control technology

Fujikin[®]



Fujikin[®] ***Carp***[®] ***Group***

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The Year 2005
The 1st Monozukuri (manufacturing)
Nippon Grand Awards
: Excellence Prize