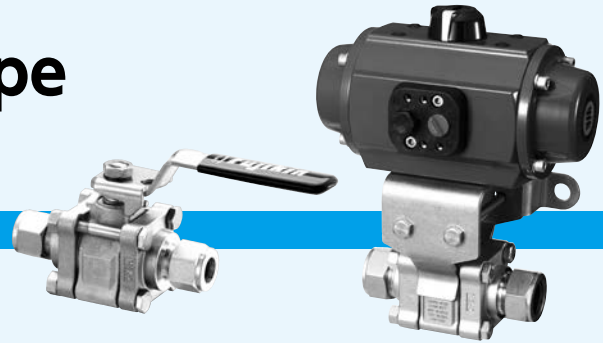


[15.1MPa] 3-Pieces Type

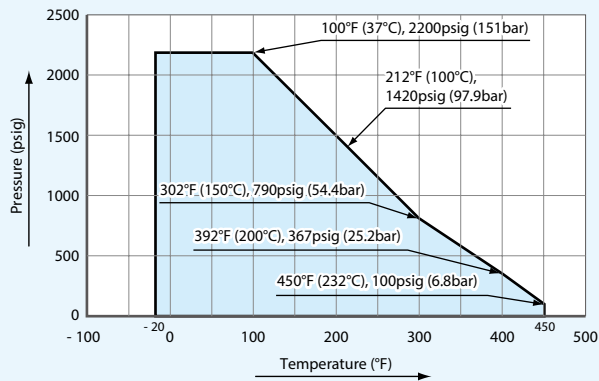
Features

1. Large flowrate with 3 pieces body.
2. ON-OFF by operation of quarter turn.
3. End Connections: **New V-Lok** Type, Rc, NPT Female
4. Manual Valves, Automated Valves
(Spring Back, Double Action Type)



Technical Data

Temperature and Pressure Rating

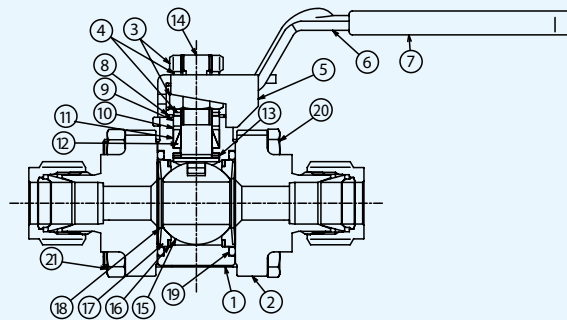


Note: If the end connection is **New V-Lok** type, the working pressure may be low depending on the tube used.
For details, please refer to 1-1, 1-2 in the table of P12.

Applicable Fluid

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

Materials of Construction



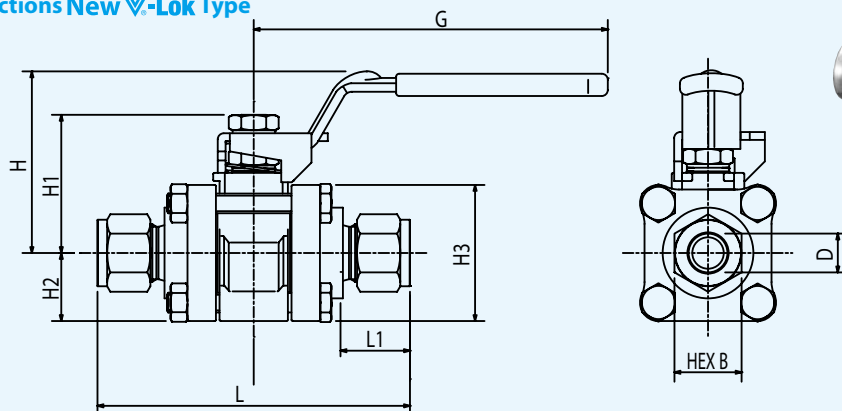
No.	Description	Materials	No.	Description	Materials
1	BODY ※	ASTM A351 CF3M	12	BOTTOM PACKING ※	C - PTFE
2	FLANGE ※	ASTM A351 CF3M	13	STEM BEARING ※	SUS316
3	STEM NUT	ASTM A276 316	14	STEM	ASTM A240 316
4	STEM SPRING	SUS304 - CSP	15	BALL	ASTM A240 316 or ASTM A351 CF8M
5	STOP PLATE	ASTM A240 304	16	SUPPORT RING ※	ASTM A240 316
6	HANDLE	ASTM A240 304	17	SEAT	C - PTFE
7	HANDLE SLEEVE	VINYL	18	SEAT SPRING ※	SUS304 - CSP
8	EARTH SPRING	ASTM A313 302	19	O-RING ※	FKM
9	GLAND	ASTM B783 316	20	BOLT	SUS316
10	PACKING SUPPORT	PEEK	21	BOLT NUT	SUS316
11	TOP PACKING ※	C - PTFE			

※ : Wetted Parts

Dimensions

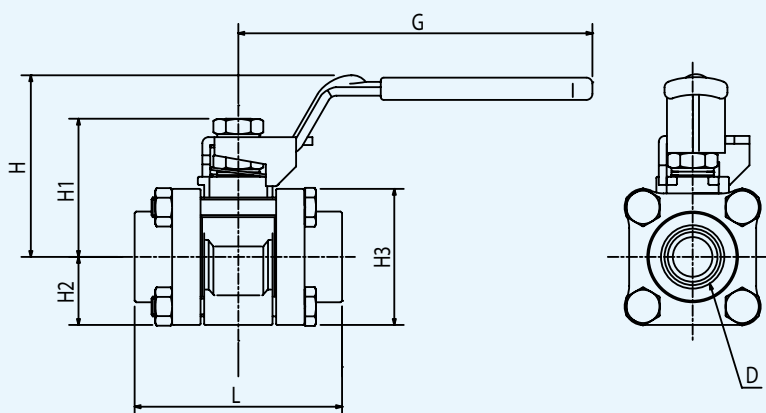
Manual Valves

End Connections New V-Lok Type



Nominal Sizes	Orifice inch (mm)	Dimensions inch (mm)								Ordering Numbers
		L	L1	B	H	H1	H2	H3	G	
1/4in. (6.35mm)	0.19(4.8)	3.17(80.5)	0.6(15.2)	9/16 in.	1.66(42.2)	1.26(32)	0.68(17.3)	1.35(34.3)	2.37(60.2)	VUBV-915-6.35-V
3/8in. (9.52mm)	0.28(7.1)	3.17(80.5)	0.66(16.8)	11/16 in.	1.66(42.2)	1.26(32)	0.68(17.3)	1.35(34.3)	2.37(60.2)	VUBV-915-9.52-V
1/2in. (12.7mm)	0.41(10.3)	4.06(103)	0.9(22.9)	7/8 in.	2.35(59.7)	1.79(45.5)	0.89(22.6)	1.78(45.2)	4.49(114)	VUBV-915-12.7-V
3/4in. (19.05mm)	0.52(13.1)	4.06(103)	0.96(24.4)	1-1/8 in.	2.35(59.7)	1.79(45.5)	0.89(22.6)	1.78(45.2)	4.49(114)	VUBV-915-19.05-V
1in. (25.4mm)	0.87(22.2)	5.35(136)	1.23(31.2)	1-1/2 in.	2.94(74.7)	2.52(64)	1.25(31.8)	2.5(63.5)	5.98(152)	VUBV-915-25.4-V
6mm	0.19(4.8)	3.17(80.5)	0.6(15.3)	0.55(14)	1.66(42.2)	1.26(32)	0.68(17.3)	1.35(34.3)	2.37(60.2)	VUBV-915-6-V
8mm	0.25(6.4)	3.17(80.5)	0.64(16.2)	0.63(16)	1.66(42.2)	1.26(32)	0.68(17.3)	1.35(34.3)	2.37(60.2)	VUBV-915-8-V
10mm	0.28(7.1)	3.2(81.3)	0.68(17.2)	0.75(19)	1.66(42.2)	1.26(32)	0.68(17.3)	1.35(34.3)	2.37(60.2)	VUBV-915-10-V
12mm	0.37(9.5)	4.06(103)	0.9(22.8)	0.87(22)	2.35(59.7)	1.79(45.5)	0.89(22.6)	1.78(45.2)	4.49(114)	VUBV-915-12-V
20mm	0.63(15.9)	4.94(125.6)	1.02(26)	1.18(30)	2.94(74.7)	2.52(64)	1.25(31.8)	2.5(63.5)	5.98(152)	VUBV-915-20-V
25mm	0.87(22.2)	5.35(136)	1.23(31.3)	1.38(35)	2.94(74.7)	2.52(64)	1.25(31.8)	2.5(63.5)	5.98(152)	VUBV-915-25-V

End Connections: Rc Type

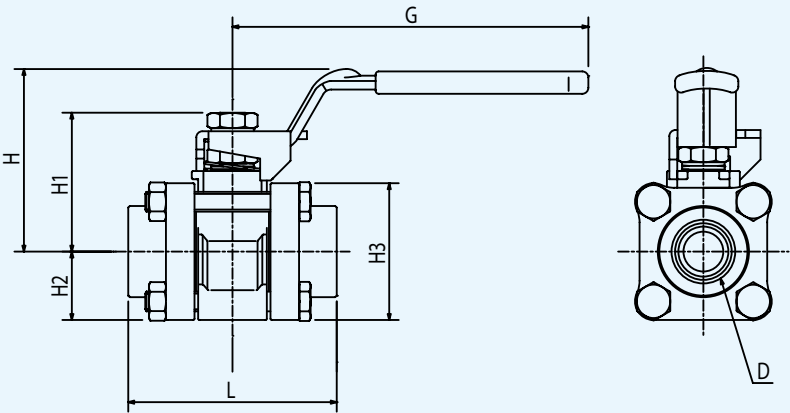


Nominal Sizes	Orifice in. (mm)	End Connection D	Dimensions inch (mm)						Ordering Numbers
			L	H	H1	H2	H3	G	
1/4	0.28(7.1)	Rc 1/4	2.16(54.9)	1.66(42.2)	1.26(32)	0.68(17.3)	1.35(34.3)	2.37(60.2)	VUBV-115B
3/8	0.52(13.1)	Rc 3/8	2.7(68.6)	2.35(59.7)	1.79(45.5)	0.89(22.6)	1.78(45.2)	4.49(114)	VUBV-115C
1/2	0.52(13.1)	Rc 1/2	2.7(68.6)	2.35(59.7)	1.79(45.5)	0.89(22.6)	1.78(45.2)	4.49(114)	VUBV-115D
3/4	0.87(22.2)	Rc 3/4	3.59(91.2)	2.94(74.7)	2.52(64)	1.25(31.8)	2.5(63.5)	5.98(152)	VUBV-115E
1	0.87(22.2)	Rc 1	4.45(113)	2.94(74.7)	2.52(64)	1.25(31.8)	2.5(63.5)	5.98(152)	VUBV-115F

Dimensions

Manual Valves

End Connections: Female NPT Type

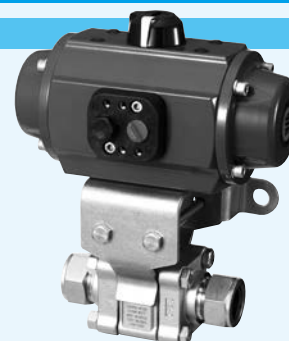
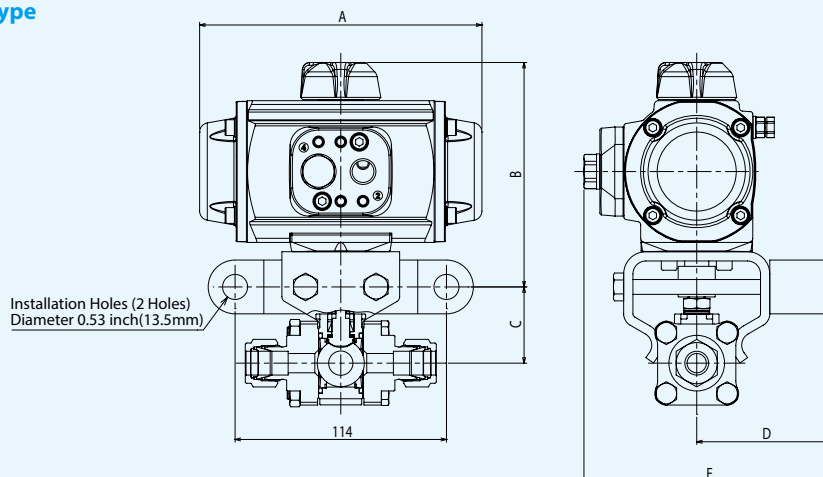


Sizes	Orifice in. (mm)	End Connections D	Dimensions inch (mm)						Ordering Numbers
			L	H	H1	H2	H3	G	
1/4	0.28 (7.1)	1/4 NPT	2.16 (54.9)	1.66 (42.2)	1.26 (32)	0.68 (17.3)	1.35 (34.3)	2.37 (60.2)	VUBV - 115BN
3/8	0.52 (13.1)	3/8 NPT	2.7 (68.6)	2.35 (59.7)	1.79 (45.5)	0.89 (22.6)	1.78 (45.2)	4.49 (114)	VUBV - 115CN
1/2	0.52 (13.1)	1/2 NPT	2.7 (68.6)	2.35 (59.7)	1.79 (45.5)	0.89 (22.6)	1.78 (45.2)	4.49 (114)	VUBV - 115DN
3/4	0.87 (22.2)	3/4 NPT	3.59 (91.2)	2.94 (74.7)	2.52 (64)	1.25 (31.8)	2.5 (63.5)	5.98 (152)	VUBV - 115EN
1	0.87 (22.2)	1 NPT	4.45 (113)	2.94 (74.7)	2.52 (64)	1.25 (31.8)	2.5 (63.5)	5.98 (152)	VUBV - 115FN

Dimensions

Automated Valves

Spring Return Type

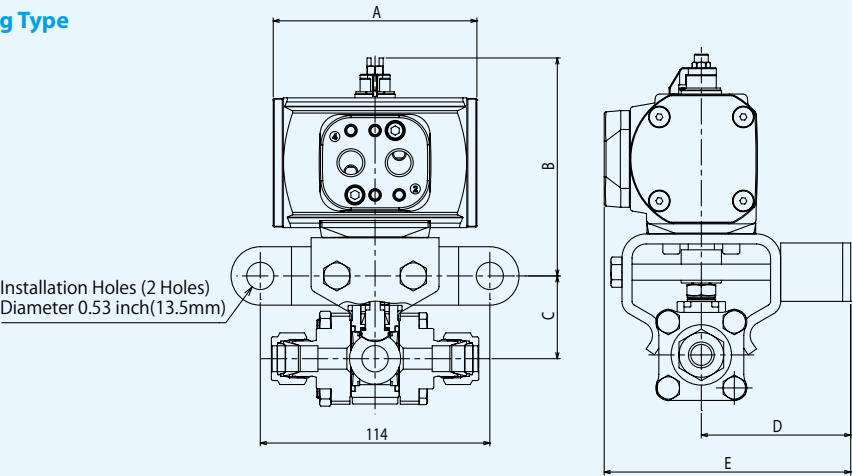


Connections	Nominal Sizes	Actuator Type	Dimensions inch (mm)					Ordering Numbers
			A	B	C	D	E	
New V-Lok	1/4in. (6.35mm)	AC2S	5.52 (140.2)	4.26 (108.3)	1.54 (39.1)	2.9 (73.7)	5.14 (130.5)	APR-VUBV-915-6.35-V
	3/8in. (9.52mm)							APR-VUBV-915-9.52-V
	1/2in. (12.7mm)	AC3S	6 (152.3)	4.77 (121.1)	1.62 (41.1)	2.92 (74.2)	5.31 (135)	APR-VUBV-915-12.7-V
	3/4in. (19.05mm)							APR-VUBV-915-19.05-V
	1in. (25.4mm)	AC4S	7.93 (201.3)	6.05 (153.6)	2.18 (55.4)	3.3 (83.8)	6.07 (154.1)	APR-VUBV-915-25.4-V
	6mm	AC2S	5.52 (140.2)	4.26 (108.3)	1.54 (39.1)	2.9 (73.7)	5.14 (130.5)	APR-VUBV-915-6-V
	8mm							APR-VUBV-915-8-V
	10mm							APR-VUBV-915-10-V
	12mm	AC3S	6 (152.3)	4.77 (121.1)	1.62 (41.1)	2.92 (74.2)	5.31 (135)	APR-VUBV-915-12-V
Rc	1/4	AC2S	5.52 (140.2)	4.26 (108.3)	1.54 (39.1)	2.9 (73.7)	5.14 (130.5)	APR-VUBV-115B
	3/8	AC3S	6 (152.3)	4.77 (121.1)	1.62 (41.1)	2.92 (74.2)	5.31 (135)	APR-VUBV-115C
	1/2							APR-VUBV-115D
	3/4	AC4S	7.93 (201.3)	6.05 (153.6)	2.18 (55.4)	3.3 (83.8)	6.07 (154.1)	APR-VUBV-115E
	1							APR-VUBV-115F
Female NPT	1/4	AC2S	5.52 (140.2)	4.26 (108.3)	1.54 (39.1)	2.9 (73.7)	5.14 (130.5)	APR-VUBV-115BN
	3/8	AC3S	6 (152.3)	4.77 (121.1)	1.62 (41.1)	2.92 (74.2)	5.31 (135)	APR-VUBV-115CN
	1/2							APR-VUBV-115DN
	3/4	AC4S	7.93 (201.3)	6.05 (153.6)	2.18 (55.4)	3.3 (83.8)	6.07 (154.1)	APR-VUBV-115EN
	1							APR-VUBV-115FN

Dimensions

Automated Valves

Double Acting Type



Connections	Nominal Dia.	Actuator Type	Dimensions inch (mm)					Ordering Numbers
			A	B	C	D	E	
New V-Lok	1/4in. (6.35mm)	AC1	3.02	4.09	1.54	2.9	4.8	APDM-VUBV-915-6.35-V
	3/8in. (9.52mm)		(76.8)	(103.9)	(39.1)	(73.7)	(121.9)	APDM-VUBV-915-9.52-V
	1/2in. (12.7mm)	AC2	3.98	4.29	1.62	2.92	4.82	APDM-VUBV-915-12.7-V
	3/4in. (19.05mm)		(101)	(108.9)	(41.1)	(74.2)	(122.4)	APDM-VUBV-915-19.05-V
	1in. (25.4mm)	AC3	5.98	5.38	2.18	3.3	5.35	APDM-VUBV-915-25.4-V
	6mm	AC1						APDM-VUBV-915-6-V
	8mm		3.02	4.09	1.54	2.9	4.8	APDM-VUBV-915-8-V
	10mm		(76.8)	(103.9)	(39.1)	(73.7)	(121.9)	APDM-VUBV-915-10-V
	12mm	AC2	3.98	4.29	1.62	2.92	4.82	APDM-VUBV-915-12-V
Rc	1/4	AC1	3.02	4.09	1.54	2.9	4.8	APDM-VUBV-115B
	3/8	AC2	3.98	4.29	1.62	2.92	4.82	APDM-VUBV-115C
	1/2		(101)	(108.9)	(41.1)	(74.2)	(122.4)	APDM-VUBV-115D
	3/4	AC3	5.98	5.38	2.18	3.3	5.35	APDM-VUBV-115E
	1		(152)	(136.6)	(55.4)	(83.8)	(136)	APDM-VUBV-115F

Ordering Information

<u>APR</u> ①	—	<u>V U BV</u> ② ③ ④	—	<u>9 15</u> ⑤ ⑥	—	<u>6.35</u> ⑦	—	<u>B</u> ⑧	—	<u>KL</u> ⑨	—	<u>V</u> ⑩
-----------------	---	------------------------	---	--------------------	---	------------------	---	---------------	---	----------------	---	---------------

- ① Actuator Type
APR : Spring Return Type
APDM : Double Acting type
Blank : Manual Type
- ② Valve Series
- ③ Body Material
Stainless Steel
- ④ Valve Type
Ball Valves
- ⑤ End Connections
1 : Thread Type
9 : **New V-Lok** Type
- ⑥ Working Pressure
2200 psig
(151 bar)
- ⑦ Connection Sizes
6.35 : **New V-Lok** 1/4in. B : Rc 1/4
9.52 : **New V-Lok** 3/8in. C : Rc 3/8
12.7 : **New V-Lok** 1/2in. D : Rc 1/2
19.05 : **New V-Lok** 3/4in. E : Rc 3/4
25.4 : **New V-Lok** 1in. F : Rc 1
6 : **New V-Lok** 6mm BN : 1/4 NPT
8 : **New V-Lok** 8mm CN : 3/8 NPT
10 : **New V-Lok** 10mm DN : 1/2 NPT
12 : **New V-Lok** 12mm EN : 3/4 NPT
FN : 1 NPT
- ⑧ Handle Color
— : Black
B : Blue
G : Green
YR : Orange
RE : Red
Y : Yellow
- ⑨ Key Lock Type
Blank : without Key Lock
KL : with Key Lock
- ⑩ **New V-Lok** Type

Note: In the case of Thread Type,
"-" is not added before ⑦.

Option

Handle Color

Standard Handle Color is black.

When you ordered a colored handle besides the black.
Please put the relevant symbol to the part number end from beside table.

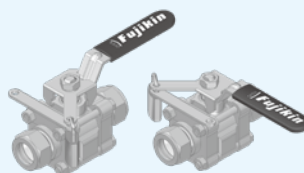
Ex. Ordering Number in case of you will order blue handle
VUBV-941P-6.35-B

HANDLE Color	The end of Ordering Numbers
Black	—
Blue	-B
Green	-G
Orange	-YR
Red	-RE
Yellow	-Y

Key Lock & Bracket ※

- Locking with standard parts for lock, and with a handle of flow direction locking certainly at open or close for 2-way valves
- Possible to fix a locking part on the hole in the bracket or install a distinction tag.
- After installing to a panel, it isn't possible to install a bracket.

※ : Getting ready. Begin to sell it soon.



Seal Kit

You can buy a Seal Kit at the valve maintenance time.

Valve Series	Kit Contents
VUBV-915 Series (2-way Type)	• INSTRUCTION MANUAL • Ball • STEM BEARING • O-RING(1), O-RING(2)
VUBV-115 Series (2-way Type)	• SEAT ASSEMBLY (SEAT + SEAT CARRIERS) • DISC SPRING • END SCREW SEALS • LUBRICANT • SDS of LUBRICANT

When a bracket for Key Locks is installed,
it's possible to fix a valve open or shut.