

VP-640 Double Union Ball Valve

- Pressure rating:
232 PSI @73.4°F(23°C)
- Full port design
- Adjustable seat tightness
- Easy to disassemble by handle
- Less on-line down time for replacement / maintenance
- Actuator could be installed with inserted nut
- Standard Product is without nut

Type	Size	Standard	Material	Seat	O-ring	End type
VP-640	1/2"~4"	ANSI, JIS, DIN, BS	PVC	PTFE	EPDM, FPM	Socket, Threaded, Flanged
VP-641	1/2"~4"	ANSI, JIS, DIN, BS	CPVC	PTFE	EPDM, FPM	Socket, Threaded, Flanged
VP-643	1/2"~4"	ANSI, JIS, DIN, BS	PVDF	PTFE	EPDM, FPM	Socket, Threaded, Flanged
VP-644	1/2"~4"	ANSI, JIS, DIN, BS	PP	PTFE	EPDM, FPM	Socket, Threaded, Flanged
VP-645	1/2"~4"	ANSI, JIS, DIN, BS	ABS	PTFE	EPDM, FPM	Socket, Threaded, Flanged

- There is no flanged end for BS

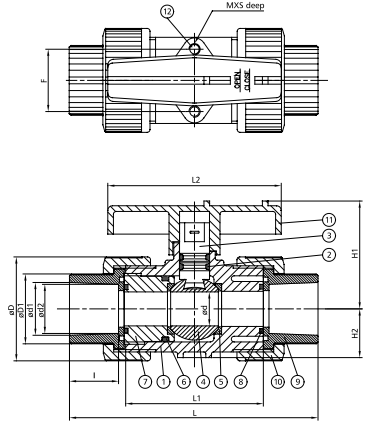


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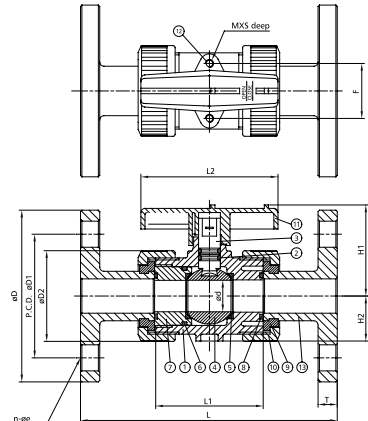
Pumping & Plumbing

Nom.	SIZE	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")
JIS	d1	22.30	26.30	32.33	38.43	46.46	60.56	76.60	89.6	114.7
	d2	21.70	25.70	31.67	37.57	47.54	59.44	75.87	88.83	113.98
	I	22.22	25.4	28.6	31.8	34.9	38.1	60.7	63	69
ANSI	d1	21.54	26.87	33.65	42.42	48.56	60.63	73.38	89.31	114.76
	d2	21.23	26.57	33.27	42.04	48.11	60.17	72.85	88.7	114.07
	I	22.22	25.40	28.58	31.75	34.93	38.10	44.45	47.63	57.15
DIN	d1	20.3	25.3	32.3	40.3	50.3	63.3	75.3	90.3	110.4
	d2	20.1	25.1	32.1	40.1	50.1	63.1	75.1	90.1	110.1
	I	16	19	22	26	31	38	44	51	61
BS	d1	21.5	26.9	33.7	42.4	48.4	60.5	-	-	-
	d2	21.3	26.7	33.5	42.2	48.2	60.3	-	-	-
	I	16.5	19.5	22.5	27	30	36	-	-	-
thd./in	PT	14	14	11	11	11	11	11	11	11
	NPT	14	14	11.5	11.5	11.5	11.5	8	8	8
	D	45	55	66	82	98	120	140	160	225
D	D1	31	37	44	54	65	79	92	108	146
	d	13	18	23	30	38	48	61	69	99
	L	112	132	144	167	172	206	273	303	333
L1	L	60	73	78	87	92	112	136	158	176
	L2	78	92	100	110	121	147	180	224	278
	H1	48	57	66	76	88	108	116	130	178
H2	H2	20.5	26	33	38	42	53	-	-	-
	F	30	33	40	47	52	70	-	-	-
	M	M5	M6	M6	M8	M8	M8	-	-	-
S	7	8	11	11	11	15	-	-	-	



NO.	PART	MATERIAL	QTY
1	BODY	UPVC,CPVC,PP,PVDF,ABS	1
2	STEM O-RING	EPDM,FPM	2
3	STEM	UPVC,CPVC,PP,PVDF,ABS	1
4	BALL	UPVC,CPVC,PP,PVDF,ABS	1
5	SEAT SEAL	PTFE	2
6	CARRIER O-RING	EPDM,FPM	1
7	SEAL CARRIER	UPVC,CPVC,PP,PVDF,ABS	1
8	UNION O-RING	EPDM,FPM	2
9	END CONNECTOR	UPVC,CPVC,PP,PVDF,ABS	2
10	UNION NUT	UPVC,CPVC,PP,PVDF,ABS	2
11	HANDLE	ABS,PP	1
12	INSERTED NUT	C3604	2,4

Nom.	SIZE	15mm (1/2")	20mm (3/4")	25mm (1")	32mm (1-1/4")	40mm (1-1/2")	50mm (2")	65mm (2-1/2")	80mm (3")	100mm (4")
JIS	D	95	100	125	135	140	155	175	185	210
	D1	70	75	90	100	105	120	140	150	175
	L	143	172	187	190	212	234	259	304	372
ANSI	n-øe	4-15	4-15	4-19	4-19	4-19	4-19	4-19	8-19	4-19
	D	89	98	108	117	127	152	178	191	229
	D1	61	70	79	89	99	121	140	152	191
DIN	L	143	172	187	190	212	234	259	304	372
	n-øe	4-16	4-16	4-16	4-16	4-16	4-19	4-19	4-19	8-19
	D	95	105	115	140	150	165	185	200	220
D1	D1	65	75	85	100	110	125	145	160	180
	L	130	150	160	180	200	230	290	310	350
	n-øe	4-14	4-14	4-14	4-18	4-18	4-18	4-18	8-18	8-18
D2	d	45	55	66	82	98	120	140	160	225
	L1	13	18	23	30	38	48	61	69	100
	L2	60	73	78	87	92	112	135	156	176
H1	H1	48	57	66	76	88	108	116	130	178
	H2	20.5	26	33	38	42	53	-	-	-
	T	13	14	14	16	16	18	18	18	18
F	F	30	33	40	47	52	70	-	-	-
	M	M5	M6	M6	M8	M8	M8	-	-	-
	S	7	8	11	11	11	15	-	-	-



NO.	PART	MATERIAL	QTY
1	BODY	UPVC,CPVC,PP,PVDF,ABS	1
2	STEM O-RING	EPDM,FPM	2
3	STEM	UPVC,CPVC,PP,PVDF,ABS	1
4	BALL	UPVC,CPVC,PP,PVDF,ABS	1
5	SEAT SEAL	PTFE	2
6	CARRIER O-RING	EPDM,FPM	1
7	SEAL CARRIER	UPVC,CPVC,PP,PVDF,ABS	1
8	UNION O-RING	EPDM,FPM	2
9	SET RING	UPVC,CPVC,PP,PVDF,ABS	2
10	UNION NUT	UPVC,CPVC,PP,PVDF,ABS	2
11	HANDLE	ABS,PP	1
12	INSERTED NUT	C3604	2,4
13	FLANGE	UPVC,CPVC,PP,PVDF,ABS	2