

# VP-460 .470 Ball Check (Foot) Valve

- Pressure rating: 1/2"~2-1/2" 150 PSI, 3"~4" 100 PSI
- Minimum flow pressure : 2~4 PSI
- Vertically installed, the arrow should be upward.
- Ball sealing design to be able to seal hermetically.

Type	Size	Standard	Material	Seal	End type
VP-460	1/2"~4"	ANSI, JIS, DIN	PVC	EPDM, FPM, NBR	Socket, Threaded
VP-461	1/2"~4"	ANSI, JIS, DIN	CPVC	EPDM, FPM, NBR	Socket, Threaded
VP-463	1/2"~4"	ANSI, JIS, DIN	PVDF	EPDM, FPM, NBR	Socket, Threaded
VP-464	1/2"~4"	ANSI, JIS, DIN	PP	EPDM, FPM, NBR	Socket, Threaded
VP-470	1/2"~4"	ANSI, JIS, DIN	PVC	EPDM, FPM, NBR	Socket, Threaded



Nom.	SIZE	15mm (1/2")		20mm (3/4")		25mm (1")		30mm (1-1/4")		40mm (1-1/2")		50mm (2")		65mm (2-1/2")		80mm (3")		100mm (4")				
		d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I
JIS	d1	22.30	26.30	32.33	38.6	48.46	60.56	76.60	89.6	114.7												
	d2	21.70	25.70	31.67	37.67	47.54	59.44	75.87	88.83	113.98												
	I	22.22	25.4	28.6	31.75	34.9	38.1	44.45	63	69												
ANSI	d1	21.54	26.87	33.65	42.42	48.56	60.63	73.38	89.31	114.07												
	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	63	69												
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												
thd/in	NPT	14	14	11.5	11.5	11.5	11.5	8	8	8												
	BSPT	14	14	11	11	11	11	11	11	11												
	D	50	62	71	96.8	96.8	107	160	160	225												
H	d	13	20	25	25	40	50	70	77	102												
	d	90	106.8	119.5	154	154	179	263	263	321												
	H	90	106.8	119.5	154	154	179	263	263	321												

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		d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I	d1	d2	I
JIS	D	95.5	100	124.5	134.5	140.5	155	175	184.5	209.5												
	D1	70	75	90	100	105	120	140	150	175												
	n-øe	4-15	4-15	4-19	4-19	4-19	4-19	4-19	4-19	4-19												
ANSI	D	89	98	108	117	127	155	178.5	190.5	230												
	D1	60	70	79	89	98	121	140	152	191												
	n-øe	4-16	4-16	4-16	4-16	4-16	4-16	4-16	4-16	4-16												
DIN	D	95.5	100	124.5	134.5	140.5	155	175	184.5	209.5												
	D1	65	75	85	100	110	125	145	160	180												
	n-øe	4-15	4-15	4-15	4-19	4-19	4-19	4-19	4-19	4-19												
H	d	111	138	150	190	190	219	307	308	364												
	d	111	138	150	190	190	219	307	308	364												
	H	111	138	150	190	190	219	307	308	364												

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	I	16	19	22	26	31	38	44	51	61												
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	BSPT	14	14	11	11	11	11	11	11	11												
	D	60	70	83	110	110	124	154	154	178												
H	d	13	20	25	25	40	50	70	77	102												
	d	136	152	164	195	195	240	310	310	382												
	H	136	152	164	195	195	240	310	310	382												

NO.	PART	MATERIAL	QTY
1	BODY	UPVC, CPVC, PP, PVDF	1
2	UNION NUT	UPVC, CPVC, PP, PVDF	1
3	CONNECTOR	UPVC, CPVC, PP, PVDF	1
4	BALL	UPVC, CPVC, PP, PVDF	1
5	GLAND	UPVC, CPVC, PP, PVDF	1
6	SEAL	EPDM, FPM, NBR	1
7	FLANGE	UPVC, CPVC, PP, PVDF	2
8	FILTER	UPVC, CPVC, PP, PVDF	1

