

P460 Series SPEC SHEET

Ball Check Valve

Pressure Rating: 150 PSI @ 73° F
 Max. Temperature: 140°F (PVC)
 Max. Temperature: 180°F (CPVC)

Minimum flow pressure: 2 - 4 PSI.
 Corrosion resistant.
 Good flow characteristics.
 Easily converted to foot valve by addition of optional (sold separately) thermoplastic screen.
 The ball seals by gravity in the vertical position and at 2 -4 PSI, back pressure, in positions other than vertical.
 Recommended for commercial and industrial applications where backflow prevention is desired.
 Unidirectional. Arrow indicates the direction of flow.
 Not recommended for use in petroleum-based media.



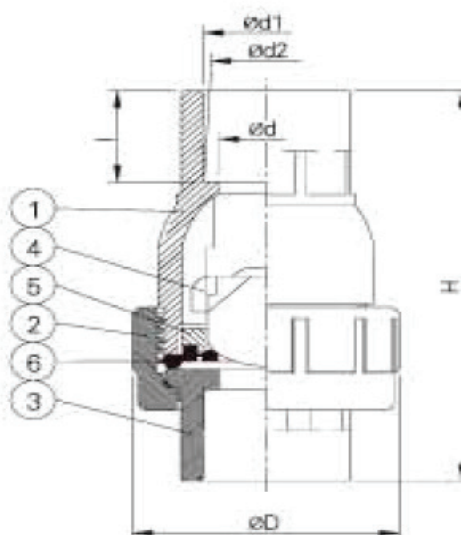
Size	1/2"	3/4"	1"	1 1/2"	2"
$\varnothing d1$	0.85	1.06	1.32	1.91	2.39
$\varnothing d2$	0.84	1.05	1.31	1.89	2.37
$\varnothing D$	1.97	2.44	2.83	3.82	4.21
$\varnothing d$	0.51	0.79	0.98	1.57	1.97
<i>H</i>	3.66	4.29	4.80	6.10	7.01
<i>I</i>	0.87	1.00	1.13	1.38	1.50
<i>Thd./in. NPT</i>	14	14	11.5	11.5	11.5
<i>Cv</i>	5.6	15	23	83	115

Model	Material	Ends	Seals
P460	Sch 80 PVC	NPT	EPDM
P460S	Sch 80 PVC	Socket	EPDM
P460C	CPVC	NPT	EPDM
P460CS	CPVC	Socket	EPDM
P460P	PVDF	NPT	FPM

The Cv Factor is the gallons of water per minute passed through the valve, with a 1 PSI pressure drop.

MATERIALS

NO.	PART	MATERIALS	QTY
1	Body	PVC, CPVC	1
2	Union Nut	PVC, CPVC	1
3	Connector	PVC, CPVC	1
4	Ball	PVC, CPVC	1
5	Gland	PVC, CPVC	1
6	Seat	EPDM, FPM	1



DATE: