

# P460U Series SPEC SHEET

## True Union Ball Check Valve

Pressure Rating: 150 PSI @ 73° F  
 Max. Temperature: 140° F (PVC)  
 Max. Temperature: 180° F (CPVC)  
 Minimum flow pressure: 5 PSI

Corrosion resistant.  
 Good flow characteristics.  
 Quick and easy disassembly, without the use of special tools.  
 Ball seals by gravity in the vertical position, only 2 - 4 PSI needed in positions other than vertical.  
 Unidirectional. Arrow indicates the direction of flow.  
 True union type ends.



Model	Material	Ends	Seals
P460U	Sch 80 PVC	*	EPDM
P460UC	CPVC	*	EPDM

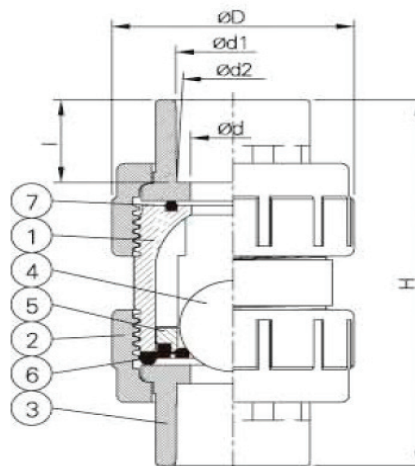
\*All sizes are supplied with both NPT and socket unions.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
$\varnothing d1$	0.85	1.06	1.32	1.67	1.91	2.39
$\varnothing d2$	0.84	1.05	1.31	1.66	1.89	2.37
$\varnothing D$	1.97	2.44	2.83	3.82	3.82	4.21
$\varnothing d$	0.51	0.79	0.98	1.24	1.61	1.97
H	3.78	4.41	5.00	6.26	6.26	7.28
I	0.87	1.00	1.13	1.25	1.38	1.50
Cv	5.6	15	23	80	83	115

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	2
3	End Connector	PVC, CPVC	2
4	Ball	PVC, CPVC	1
5	Gland	PVC, CPVC	1
6	Seal	EPDM	1
7	O-Ring	EPDM	1



DATE:

