

P200 Series SPEC SHEET

Molded-In-Place One Piece Ball Valve

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

Low cost & convenient operation
 Sever shock, loads and stress are absorbed by the valve body, not the ball and seat, minimizing the chance of uneven wear and leakage.
 Excellent flow characteristics.
 Suitable for hot water systems (CPVC).
 Manufactured in compliance with ASTM F1970.
 Female solvent-weld socket dimensions: ASTM D2467
 Female pipe thread dimensions: ASTM F1498 And ANSI/ASME B1.20.1, where applicable.
 Not recommended for service or test with compressed air or gasses.



Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
$\varnothing d1$	0.85	1.06	1.32	1.67	1.91	2.39	2.89	3.52	4.52
$\varnothing d2$	0.84	1.05	1.31	1.66	1.89	2.37	2.87	3.49	4.49
$\varnothing D$	1.50	1.93	2.24	2.48	2.95	3.62	4.33	5.24	6.69
$\varnothing D1$	1.18	1.50	1.77	2.13	2.44	3.03	3.62	4.17	5.31
$\varnothing d$	0.55	0.79	0.98	1.18	1.42	1.83	2.28	3.03	3.86
<i>H</i>	2.52	3.11	3.86	3.90	4.53	5.31	6.30	7.48	9.17
<i>H1</i>	1.69	2.13	2.56	2.64	3.07	3.50	4.13	4.88	5.83
<i>I</i>	0.87	1.00	1.12	1.25	1.38	1.50	1.75	1.88	2.25
<i>L</i>	3.27	3.74	4.17	4.49	5.12	5.79	8.03	9.02	11.81
<i>L1</i>	2.76	3.46	3.94	3.94	4.29	5.28	7.01	8.82	10.87
<i>Thd./in. NPT</i>	14	14	11.5	11.5	11.5	11.5	8	8	8
<i>Cv</i>	8	15	29	75	90	140	330	480	600

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

CTS

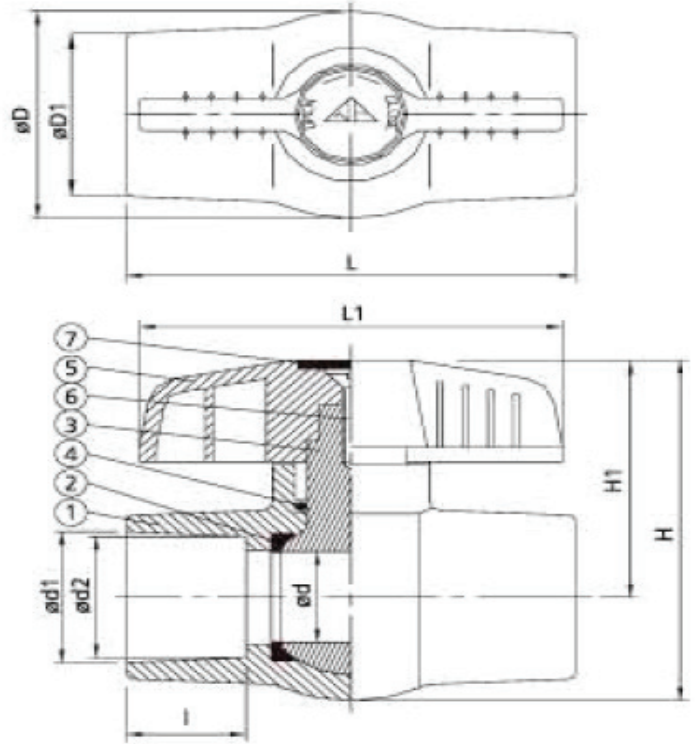
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
$\varnothing D$	1.26	1.56	2.05	2.24	2.48	3.11
$\varnothing D1$	0.94	1.18	1.50	1.77	2.13	2.58
$\varnothing d1$	0.63	0.88	1.14	1.39	1.64	2.14
$\varnothing d2$	0.62	0.87	1.12	1.37	1.62	2.12
$\varnothing d$	0.49	0.72	0.93	0.98	1.18	1.42
<i>H</i>	1.93	2.52	2.54	3.66	3.86	4.53
<i>H1</i>	1.34	1.73	2.13	2.56	2.64	3.07
<i>I</i>	0.50	0.70	0.90	1.10	1.30	1.70
<i>L</i>	2.68	3.23	3.74	4.17	4.49	5.69
<i>L1</i>	2.36	2.76	3.46	3.94	3.94	4.29

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MATERIALS

NO.	PART	MATERIALS	QTY
1	Body	PVC, CPVC	1
2	Seat	EPDM, PTFE	2
3	Ball	PVC, CPVC	1
4	O-Rings	EPDM, FPM	1
5	Handle	ABS	1
6	Screw	STEEL - Zn Plated	1
7	Cap	ABS	1

Molded-in-Place One Piece Ball Valve	Body	Ends	Seats	Seals	Sizes
P200	Sch 40 PVC	NPT	EPDM	EPDM	1/2" - 4"
P200S	Sch 40 PVC	Socket	EPDM	EPDM	1/2" - 4"
P200-80	Sch 80 PVC	NPT	EPDM	EPDM	1/2" - 4"
P200S-80	Sch 80 PVC	Socket	EPDM	EPDM	1/2" - 4"
P200CTS	CPVC	CTS	PTFE	EPDM	1/2" - 2"
P201	Sch 80 PVC	NPT	PTFE	EPDM	1/2" - 4"
P201S	Sch 80 PVC	Socket	PTFE	EPDM	1/2" - 4"
P202	Sch 80 PVC	NPT	PTFE	FPM	1/2" - 2"
P202S	Sch 80 PVC	Socket	PTFE	FPM	1/2" - 2"
P203	CPVC	NPT	PTFE	EPDM	1/2" - 2"
P203S	CPVC	Socket	PTFE	EPDM	1/2" - 2"



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