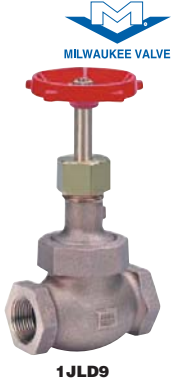




Bronze Globe Valves • Rising stems • Malleable iron handwheels

For use in HVAC and other general commercial and industrial utility applications with hot and cold water, steam, compressed air, and gas. Class 125 WOG has threaded bonnet, Classes 150 SWP and 300 WOG have union bonnet. All valves meet MSS SP-80. Body, screw-in and union bonnet, seat disc, disc holder, packing gland, and nut meet ASTM B-62.

Pipe Size	Class 125, FNPT, Max. Water Press.: 200 psi, Max. Fluid Temp.: 406°F		Class 125, Socket, Max. Water Press.: 200 psi, Max. Fluid Temp.: 406°F		Class 150, FNPT, Max. Water Press.: 300 psi, Max. Fluid Temp.: 406°F		Class 200, FNPT, Max. Water Press.: 400 psi, Max. Fluid Temp.: 550°F		Class 300, FNPT, Max. Water Press.: 600 psi, Max. Fluid Temp.: 550°F	
	Inlet to Outlet Length	Item No.	Inlet to Outlet Length	Item No.	Inlet to Outlet Length	Item No.	Inlet to Outlet Length	Item No.	Inlet to Outlet Length	Item No.
1/8"	1 1/8 in	1JLB5	—	—	2 1/8 in	1JLC7	2 1/8 in	4GCF4	—	—
1/4"	1 1/2 in	1JLB6	—	—	2 1/2 in	1JLC8	2 1/2 in	4GCF5	2 1/2 in	1JLD9
3/8"	1 3/4 in	1JLB7	1 1/4 in	5MPJ7	2 1/2 in	1JLC9	2 1/2 in	4GCF6	2 1/2 in	1JLE1
1/2"	2 1/8 in	1JLB8	2 1/8 in	5MPJ8	2 1/2 in	1JLD1	2 1/2 in	4GCF7	2 1/2 in	1JLE2
3/4"	2 3/8 in	1JLB9	2 3/8 in	5MPJ9	2 1/2 in	1JLD2	2 1/2 in	4GCF8	2 1/2 in	1JLE3
1"	2 1/2 in	1JLC1	2 1/2 in	5MPK0	3 1/8 in	1JLD3	3 1/8 in	4GCF9	3 1/8 in	1JLE4
1 1/4"	3 3/8 in	1JLC2	3 3/8 in	5MPK1	3 1/2 in	1JLD4	3 1/2 in	4GCG1	3 1/2 in	1JLE5
1 1/2"	3 1/2 in	1JLC3	3 1/2 in	4GCF2	4 1/2 in	1JLD5	4 1/2 in	4GCG2	4 1/2 in	1JLE6
2"	4 1/8 in	1JLC4	4 1/8 in	4GCF3	5 3/4 in	1JLD6	5 3/4 in	4GCG3	5 3/4 in	1JLE7
2 1/2"	5 3/4 in	1JLC5	—	—	6 3/4 in	1JLD7	—	—	—	—
3"	6 7/8 in	1JLC6	—	—	8 in	1JLD8	8 in	4GCG4	—	—



Forged Steel Globe Valves

- Max. pressure: 720 psi SWP, 1975 psi CWP
 - Max. temp.: 1000°F
- Include bolted bonnets and GraFoil gaskets/packing. Nonrising stem. Class 800. Meet ASTM A105, BS 5352, and NACE MR-0175.

Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	FNPT Item No.	Socket Weld Item No.
1/4"	3 7/8 in	6 1/32"	1PRK7	1PRL6
3/8"	3 7/8 in	6 1/32"	1PRK8	1PRL7
1/2"	3 7/8 in	6 1/32"	1PRK9	1PRL8
3/4"	3 7/8 in	6 3/64"	1PRL1	1PRL9
1"	3 7/8 in	8 7/64"	1PRL2	1PRN1
1 1/4"	4 23/32 in	10 9/16"	1PRL3	1PRN2
1 1/2"	5 9/64 in	10 9/16"	1PRL4	1PRN3
2"	6 9/64 in	11 13/16"	1PRL5	1PRN4



PVC and ABS Gate and Check Valves

- GATE VALVES**
- Max. temp.: 167°F; 4HGE8 and 4HGE9 are 205°F

Quick-opening valves provide unrestricted flow for low-pressure tank and drain applications with liquids, gases, dry/bulk solids, and slurry. Quick shutoff in low-pressure or vacuum lines. Can disassemble for in-line servicing. Meet MSS SP-70.

CHECK VALVES

- Max. water pressure: 150 psi, except 352Y65 is 75 psi
- Max. temp.: 73°F

Provide quiet operation and combine the benefits of a spring and a swing check valve. The full-flow design eliminates the restriction of a spring center poppet and allows up to 15% more flow than comparable spring check valves. PVC construction with 316 SS spring. White color, except where indicated in the table.

Pipe Size	Connec. Type	Body Material	Wedge Material	Max. Water Pressure - CWP	Inlet to Outlet Length	Top of Handle to Inlet Center	Item No.
Gate Valves							
1 1/2 in	FIPT x MIPT	PVC	Polypropylene	45 psi	3 3/8 in	5 1/8 in	4HGF3
	Slip	ABS	Polypropylene	45 psi	2 7/8 in	5 1/8 in	4HGE8
2 in	FIPT	PVC	304 Stainless Steel	40 psi	3 1/2 in	5 1/2 in	4HG07
	FIPT x MIPT	PVC	304 Stainless Steel	40 psi	3 1/2 in	5 1/2 in	4HG08
	Slip	ABS	Polypropylene	70 psi	3 1/2 in	5 1/2 in	4HGE9
	Slip	PVC	Polypropylene	40 psi	3 1/2 in	5 1/2 in	4HGF4
3 in	Spigot	PVC	Polypropylene	40 psi	3 1/2 in	5 1/2 in	4HGF6
	FIPT	PVC	304 Stainless Steel	30 psi	4 1/2 in	7 5/32 in	4HGE2
	FIPT x MIPT	PVC	304 Stainless Steel	30 psi	4 1/2 in	7 5/32 in	4HGE3
4 in	Slip	PVC	304 Stainless Steel	20 psi	5 3/8 in	9 15/16 in	4HGE5
	Slip	PVC	304 Stainless Steel	10 psi	11 1/8 in	16 23/32 in	4HGE6
6 in	Slip	PVC	304 Stainless Steel	10 psi	13 3/4 in	16 23/32 in	4HGE7
8 in	Slip	PVC	304 Stainless Steel	10 psi	13 3/8 in	23 3/4 in	4HGF9
10 in	Slip	PVC	304 Stainless Steel	10 psi	15 1/8 in	23 3/4 in	4HGG1

* Clear color.

Size	Connec. Type	Mounting Position	L	W	Overall Height	Item No.
Check Valves						
1/2"	FPT x FPT	Any	2 7/8 in	2 7/8 in	3 13/16 in	352Y67 *
	Slip x Slip	Any	2 7/8 in	2 7/8 in	3 5/16 in	352Y58
3/4"	FPT x FPT	Any	2 9/8 in	2 9/8 in	4 in	352Y61
	FPT x FPT	Any	2 9/8 in	2 9/8 in	4 in	352Y69 *
	Slip x Slip	Any	2 9/8 in	2 9/8 in	4 in	352Y68 *
	Slip x Slip	Any	2 9/8 in	2 9/8 in	4 in	352Y68 *
1"	Slip x Slip	Any	2 13/16 in	2 13/16 in	4 1/2 in	352Y62
	Slip x Slip	Any	2 13/16 in	2 13/16 in	4 29/32 in	352Y70 *
1 1/2"	Slip x Slip	Horizontal	3 13/34 in	3 13/34 in	6 5/16 in	352Y63
	Slip x Slip	Horizontal	3 13/34 in	3 13/34 in	6 5/16 in	352Y71 *
2"	Slip x Slip	Horizontal	4 1/2 in	4 1/2 in	7 7/8 in	352Y64
	Slip x Slip	Horizontal	4 1/2 in	4 1/2 in	7 7/8 in	352Y72
3"	Union x Union	Any	5 3/4 in	5 3/4 in	10 1/2 in	352Y74 *
	Union x Union	Any	6 3/4 in	6 3/4 in	10 1/2 in	352Y73 *
3"	Slip x Slip	Any	5 39/64 in	5 39/64 in	9 19/32 in	352Y65



Bronze Angle Globe Valves

Suitable for throttling service and feature adjustable packing nuts for extended service life, full NPT thread depths, union bonnet, and malleable iron handwheels. Dezincification resistant. Meet MSS SP-80.

Pipe Size	CLASS 125		CLASS 300	
	Max. pressure:	Max. temp.:	Max. pressure:	Max. temp.:
1/4"	125 psi SWP, except 1JLE8 is 300 psi SWP	353°F	300 psi SWP	550°F

MILWAUKEE Class 125, FNPT Item No.	NIBCO Class 125, Solder Item No.	MILWAUKEE Class 300, FNPT Item No.	
1JLE8	—	5JLX9	
1JLE9	1WP05	5JLY0	
1JLF1	1WP06	5JLY1	
1JLF2	1WP07	5JLY2	
1JLF3	1WP08	5JLY3	
1 1/4"	1JLF4	—	5JLY4
1 1/2"	1JLF5	1WPV1	5JLY5
2"	1JLF6	—	5JLY6



Class 125, FNPT 1JLE8

Bronze Y-Pattern Blowoff Valves

- Max. pressure: 200 psi SWP
- Max. temp.: 406°F

For use with gas, oil, steam, and water. Rising naval brass stem, ductile iron handwheel, swivel disc holder with PTFE disc, and union bonnet. FNPT connection. Meet MSS SP-80.

Pipe Size	Inlet to Outlet Length	Top of Handle to Inlet Center	Item No.
1"	4 3/4 in	5 3/4"	45A298
1 1/4"	5 5/8 in	7"	45A299
1 1/2"	6 1/4 in	7 3/4"	45A301
2"	7 3/4 in	8 3/4"	45A302



45A298

Bronze Cash Valve Pressure Regulators

- Series B direct-acting regulators, except D6714 is Series A self-actuating, 31LH28 is Series EB45

Single-seated, diaphragm-type valves reduce high initial inlet pressures; maintain pressure within reasonably close limits. FNPT connections, except 31LH28 has MNPT.

Inlet Size	L	H	► CHOOSE: Pressure Adjustment Range (psi)		Max. Press.: 250 psi Max. Temp.: 400 °F	Max. Press.: 400 psi Max. Temp.: 180 °F
			Item No.	Item No.	Item No.	Item No.
1/4 in	3 in	4 1/2 in	20 to 100, 20 to 60, 2 to 25, 50 to 150	D6718	D6727	—
			20 to 70, 2 to 30, 40 to 110, 90 to 150	D6719	D6728	—
1/2 in	2 7/8 in	6 1/2 in	75 to 125, 0 to 5, 100 to 250, 2 to 25, 20 to 60, 40 to 80, 75 to 200	—	—	D6714
			10 to 50, 2 to 30, 30 to 125, 50 to 150	D6721	D6729	D6729
3/4 in	3 13/32 in	5 1/8 in	10 to 70	—	—	31LH28
			10 to 35, 105 to 150, 2 to 20, 30 to 75, 50 to 110	D6722	D6731	D6731
1 in	2 1/2 in	7 1/2 in	10 to 45, 20 to 60, 2 to 20, 55 to 100, 90 to 150	D6723	D6732	D6732
			10 to 30, 20 to 50, 2 to 15, 45 to 100, 90 to 150	D6724	D6733	D6733
1 1/2 in	6 3/4 in	8 3/4 in	10 to 30, 20 to 50, 2 to 15, 45 to 100, 90 to 150	D6725	D6734	D6734
			10 to 60, 20 to 100, 2 to 20, 90 to 150	D6726	D6735	D6735



D6723