

CONTINUED



Brass Ball Valves

Pipe Size	Body Seal Material	Ball Material†	Max. Pressure psi CWP	FNPT x FNPT, Vented		FNPT x MNPT		FNPT x FNPT, Panel Mount		Sweat x Sweat	
				Temp. Range	Item No.	Temp. Range	Item No.	Temp. Range	Item No.	Temp. Range	Item No.
½ in	PTFE	CPB	300	-40° to 350°F	20K895 *	-40° to 400°F	6GD23	0° to 350°F	20K906	-40° to 400°F	6GD26
	PTFE	CPB	600	-40° to 350°F	20K892	0° to 350°F	20K901	—	—	—	—
	PTFE	CPB	600	—	—	—	—	—	—	—	—
¾ in	PTFE	CPB	300	-40° to 350°F	20K896 *	-40° to 400°F	6GD24	0° to 350°F	20K907	0° to 356°F	6GD27
	PTFE	CPB	600	—	—	0° to 350°F	20K902	—	—	—	—
	PTFE	CPB	600	—	—	—	—	—	—	—	—
1 in	PTFE	CPB	300	-40° to 350°F	20K897 *	-40° to 400°F	6GD25	0° to 350°F	20K908	-20° to 300°F	6GD28
	PTFE	CPB	600	—	—	0° to 350°F	20K903	—	—	—	—
	PTFE	CPB	600	—	—	—	—	—	—	—	—
1 ¼ in	PTFE	CPB	600	—	—	—	—	—	—	-40° to 400°F	1PPY6
1 ½ in	—	CPB	600	—	—	—	—	—	—	-40° to 350°F	1PPY7
2 in	—	CPB	600	—	—	—	—	—	—	-40° to 350°F	1PPY8
2 ½ in	—	CPB	600	—	—	—	—	—	—	-40° to 350°F	1PPY9
3 in	—	Forged Brass	150	—	—	—	—	—	—	-40° to 350°F	1PY11

* Locking lever handle. † CPB = chrome-plated brass. SS = stainless steel. ‡ Approved Vendor brand.

Lead-Free Brass Ball Valves

- Max. pressure: 600 psi CWP, except 400 psi CWP (2 ½" to 4")

2-pc., full-port valves with PTFE seats and packing and brass stem. Milwaukee Valve items have combination stem extensions and memory stops available on Grainger.com. All valves are certified for use in potable water applications.

Pipe Size	Ball Material*	FNPT x FNPT		Sweat x Sweat	
		Temp. Range	Item No.	Temp. Range	Item No.
Apollo, EPDM Body Seal					
½ in	CPB	—	—	32° to 250°F	20RE29
¾ in	CPB	—	—	32° to 250°F	20RE30
1 in	CPB	—	—	32° to 250°F	20RE31
Apollo, PTFE Body Seal					
¼ in	CPB	-20° to 450°F	20RE06	—	—
¾ in	CPB	-20° to 450°F	20RE07	—	—
½ in	CPB	-20° to 450°F	20RE08	50° to 200 °F	20RE17
¾ in	CPB	-20° to 450°F	20RE09	50° to 200 °F	20RE18
1 in	CPB	-20° to 450°F	20RE10	50° to 200 °F	20RE19
1 ¼ in	316 SS	-20° to 366°F	20RE11	-20° to 366°F	20RE20
1 ½ in	316 SS	-20° to 366°F	20RE12	-20° to 366°F	20RE21
2 in	316 SS	-20° to 366°F	20RE13	-20° to 366°F	20RE22
2 ½ in	316 SS	-20° to 366°F	20RE14	-20° to 366°F	20RE23
3 in	316 SS	-20° to 366°F	20RE15	-20° to 366°F	20RE24
4 in	316 SS	-20° to 366°F	20RE16	—	—

* SS = stainless steel. CPB = chrome-plated brass.

Pipe Size	Ball Material*	FNPT x FNPT		Sweat x Sweat	
		Temp. Range	Item No.	Temp. Range	Item No.
Milwaukee Valve, PTFE Body Seal					
¼ in	CPB	Up to 180°F	5EMR6	—	—
¾ in	CPB	Up to 180°F	5EMR7	—	—
½ in	CPB	Up to 180°F	5EMR8	Up to 180°F	5EMT4
¾ in	CPB	Up to 180°F	5EMR9	Up to 180°F	5EMT5
1 in	CPB	Up to 180°F	5EMT0	Up to 180°F	5EMT6
1 ¼ in	CPB	Up to 180°F	5EMT1	Up to 180°F	5EMT7
1 ½ in	CPB	Up to 180°F	5EMT2	Up to 180°F	5EMT8
2 in	CPB	Up to 180°F	5EMT3	Up to 180°F	5EMT9
PTFE Body Seal					
¼ in	Lead Free CPB	0°F to 365°F	32H994	—	—
¾ in	304 SS	0°F to 365°F	32H995	—	—
½ in	304 SS	-20° to 300°F	32H996	—	—
¾ in	304 SS	-20° to 300°F	32H997	—	—
1 in	304 SS	-20° to 300°F	32H998	—	—
1 ¼ in	304 SS	-20° to 300°F	32H999	-20° to 300°F	32J012
1 ½ in	304 SS	-20° to 300°F	32J001	-20° to 300°F	32J013
2 in	304 SS	-20° to 300°F	32J002	0°F to 365°F	32J014
FNPT x MNPT					
Pipe Size	Ball Material*	Temp. Range	Item No.		
PTFE Body Seal					
½ in	304 SS	-20° to 300°F	32J015		
¾ in			32J016		
1 in			32J017		
2 in			32J020		



Chrome-Plated Brass Ball Valves

- Max. steam pressure: 150 psi SWP
- Vacuum service to 27" Hg

2-pc. full-port valves with a vinyl grip and blowoutproof stem. PTFE seats.

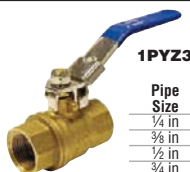


Pipe Size	Connec. Type	Body Style	Temp. Range	Max. Pressure	Item No.
Lever					
¾ in	FNPT x FNPT	Inline	-20° to 300°F	600 psi CWP	1PYT7
½ in	FNPT x FNPT	Inline	-40° to 400°F	600 psi CWP	1PYT8
½ in	FNPT x FNPT x FNPT	3-Way	-200° to 350°F	400 psi CWP	20RH42
¾ in	SAE Female	Inline	0° to 350°F	600 psi CWP	20RH37
¾ in	FNPT x FNPT	Inline	-40° to 400°F	600 psi CWP	1PYT9
¾ in	FNPT x FNPT x FNPT	3-Way	-20° to 350°F	400 psi CWP	20RH43
¾ in	SAE Female	Inline	0° to 350°F	600 psi CWP	20RH38
1 in	FNPT x FNPT x FNPT	3-Way	-200° to 350°F	400 psi CWP	20RH44
1 in	FNPT x MNPT	Inline	-40° to 400°F	900 psi CWP	1PYX5
1 ½ in	SAE Female	Inline	0° to 350°F	600 psi CWP	20RH39
1 ½ in	FNPT x FNPT	Inline	-20° to 300°F	600 psi CWP	1PYU3
2 in	FNPT x FNPT	Inline	-20° to 300°F	900 psi CWP	1PYU4
Locking Lever					
½ in	FNPT x FNPT	Inline	-20° to 300°F	600 psi CWP	1PYV1
¾ in	FNPT x MNPT	Inline	0° to 350°F	600 psi CWP	20RH18
¾ in	FNPT x FNPT	Inline	-20° to 300°F	600 psi CWP	1PYV2
1 in	FNPT x FNPT	Inline	-20° to 300°F	600 psi CWP	1PYV3

Auto Safety Exhaust Brass Ball Valves

- Max. pressure: 300 psi CWP
- Temp. range: -40° to 350°F

2-pc., full-port valves also have a 5/16" safety exhaust port, PTFE seats, and FNPT connections. Relieve downstream pressure when in closed position. Exhaust port complies with OSHA requirements 1910.147.



Pipe Size	Item No.
¼ in	6GD06
¾ in	6GD07
½ in	6GD08
¾ in	6GD09
1 in	6GD10
1 ¼ in	1PYZ3
1 ½ in	1PYZ4
2 in	1PYZ5



Chrome-Plated Brass Mini-Ball Valves

- Max. pressure: 290 psi
- Temp. range: 0° to 175°F
- Vacuum: 0 to 20 bar
- PTFE ball seat

Suitable for use with air, oil, nonpotable water, and inert gas.



Tube Size	Features	Inline MNPT x Push Item No.	Inline Push x Push Item No.
½ in	¼ Turn Shut-Off	—	1ZPK1
¾ in	¼ Turn Shut-Off	1ZPJ7	1ZPK2
½ in	¼ Turn Shut-Off	1ZPJ8	—
¾ in	¼ Turn Shut-Off	1ZPJ9	1ZPK3



Pipe Size	Features	Item No.	Features	Item No.
¾ in	Closed Center	1ZPK4	¼ Turn Shut-Off	1ZPJ4
½ in	Open Center	1ZPK7	—	—
¾ in	Closed Center	1ZPK5	¼ Turn Shut-Off	1ZPJ5
½ in	Open Center	1ZPK8	—	—
¾ in	Closed Center	1ZPK6	¼ Turn Shut-Off	1ZPJ6
¾ in	Open Center	1ZPK9	—	—

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