

Brass Ball Valve

648 series

SPECIFICATION

Sioux chief 648 series brass ball valves shall be used where a ¼-turn valve is necessary. Valves types are male press-fit, PEX, CPVC or PVC. Options include standard or full port, with or without drain. The stem is blowout-proof and the joints are lead-free solder.

MATERIALS

standard: C-377 forged brass

no-lead: HSI-76-3 brass

ball: chrome plated

fittings: copper male press-fit, PEX, CPVC, or PVC

CERTIFICATION

valves: cUPC

no-lead: NSF61-G

DIMENSIONS

A: Overall length

male press-fit

PEX

CPVC

PVC

1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
6.125"	7.25"	8.50"			
2.5"	2.75"	5.75"			
4.50"	6.0"	8.0"	8.75"	10.0"	11.5"
	6.25"	8.25"	9.125"	10.75"	11.125"



648-82



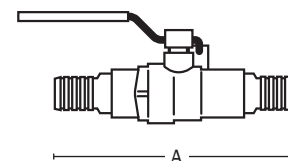
648X2



648-C2FPD



648-P3FP



Create Item Number

648- A B C D

e.g. 648-C2FPD = 1/2" CPVC transition full port brass ball valve with drain

A CONNECTION TYPE

- ☐ 8 male press-fit
- ☐ X PEX
- ☐ C CPVC
- ☐ P PVC
- ☐ CG no-lead
- ☐ XG PEX no-lead
- ☐ WG F1960 no-lead

B CONNECTION SIZE

- ☐ 2 1/2" ¹
- ☐ 3 3/4"
- ☐ 4 1"
- ☐ 5 1 1/4" ²
- ☐ 6 1 1/2" ²
- ☐ 7 2" ²

C FLOW

- ☐ FP full port ³
- ☐ _ standard port

D DRAIN

- ☐ D with drain ⁴
- ☐ _ without drain

¹ Not available in PVC

² Not available in male press-fit or PEX

³ Available only in CPVC, PVC, and 1" PEX

⁴ Available only in CPVC