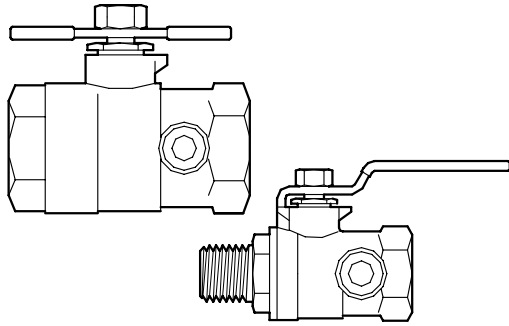


Model 850
Full Port Brass Ball Valve



APPLICATION

WILKINS Model 850 Full Port Brass Ball Valves are recommended for residential, commercial and industrial applications. Ideal for throttling and balancing installations of low pressure steam, air, water and non-corrosive gas or oil.

FEATURES

Sizes: ☐ 1/4" ☐ 3/8" ☐ 1/2"
☐ 1 1/4" ☐ 1 1/2" ☐ 2"

Pressure rating 600 psi WOG
Temperature rating 33°F to 350°F
@50 psi
Threaded connections (FNPT) ANSI B1.20.1

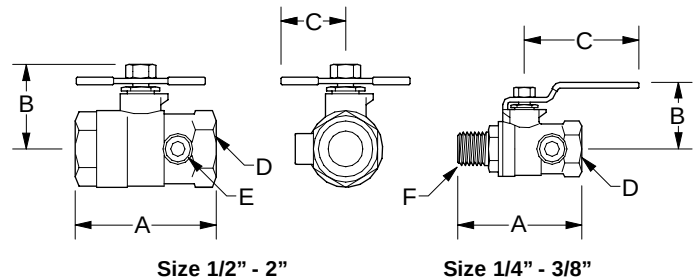
MATERIALS

Main valve body Bronze ASTM B 584
Ball Chrome plated brass ASTM B 16
Seats TFE virgin teflon
Stems Brass ASTM B 16
Stem packing TFE virgin teflon
Thrust washer TFE virgin teflon
Handle Electroless nickel plated
Handle nut Electroless nickel plated

OPTIONS

(Suffixes can be combined)

- ☐ - FNPT x FNPT connections, (1/2" - 2")
- ☐ M - MNPT x FNPT connections, (1/4" - 1/2")
- ☐ - with BSP threads Models 850 & 850T (3/4" - 2")
- ☐ T - tapped (FNPT X FNPT)
- ☐ C - with copper sweat connections (FC x FC)
- ☐ U - with single union body (FNPT x FNPT)
- ☐ SH - with stainless steel handle



DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE	DIMENSIONS inches (approximate)											WEIGHT lbs.
	MODEL 850		MODEL 850U		850M		B	C	D THREAD FNPT	E TAP SIZE FNPT	F THREAD MNPT	
	A	A TAPPED	A	A TAPPED	A	A TAPPED						
1/4	N/A	N/A	N/A	N/A	2 1/8	2 5/8	1 5/8	2 5/8	1/4-18	1/8-27	1/4-18	1
3/8	N/A	N/A	N/A	N/A	2 1/8	2 1/4	1 5/8	2 5/8	3/8-18	1/8-27	3/8-18	1
1/2	2 1/4	2 1/2	N/A	N/A	2 5/8	2 1/4	1 7/8	2 3/4	1/2-14	1/8-27	1/2-14	1
3/4	2 1/2	2 3/4	3 1/3	3 5/8	N/A	N/A	1 3/4	1 5/8	3/4-14	1/8-27	N/A	1
1	2 3/4	3	3 7/8	4 1/4	N/A	N/A	2	1 5/8	1-11 1/2	1/8-27	N/A	2
1 1/4	3 1/3	3 5/8	4 1/4	4 1/2	N/A	N/A	2 5/8	3 1/2	1 1/4-11 1/2	1/4-18	N/A	3
1 1/2	3 3/4	3 7/8	4 7/8	5 1/4	N/A	N/A	2 7/8	4 3/4	1 1/2-11 1/2	1/4-18	N/A	3
2	4 1/2	4 5/8	5 1/3	5 5/8	N/A	N/A	3 7/8	4 3/4	2-11 1/2	1/4-18	N/A	6

DOCUMENT NO. BV-850(SM)	REV. 10/99
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