

SPECIFICATION SUBMITTAL SHEET



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" ☐ 3/4" ☐ 1"
☐ 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

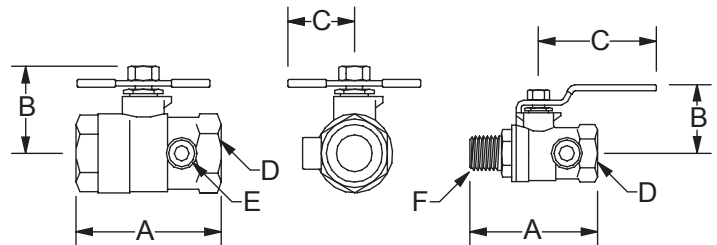
OPTIONS

(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) (3/4" to 2")
- ☐ SH - with stainless steel handle
- ☐ SB - with stainless steel ball & handle

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



Size 1/2" - 2"

Size 1/4" - 1/2"

DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE	DIMENSIONS (approximate)																		
	MODEL 850			MODEL 850U			850M			B		C		D	E	F	WEIGHT		
	A		A	A		A	A		A		B		C		THREAD	TAP	THREAD	lbs.	kg.
	in.	mm	TAPPED	in.	mm	TAPPED	in.	mm	TAPPED	in.	mm	in.	mm	FNPT	FNPT	MNPT			
1/4	N/A	N/A	N/A	N/A	N/A	N/A	2 1/8	54	2 5/8	1 5/8	41	2 5/8	67	1/4-18	1/8-27	1/4-18	1	0.5	
3/8	N/A	N/A	N/A	N/A	N/A	N/A	2 1/8	54	2 1/4	1 5/8	41	2 5/8	67	3/8-18	1/8-27	3/8-18	1	0.5	
1/2	2 1/4	57	2 1/2	N/A	N/A	N/A	2 5/8	67	2 1/4	1 7/8	48	2 3/4	70	1/2-14	1/8-27	1/2-14	1	0.5	
3/4	2 1/2	64	2 3/4	3 5/16	84	3 5/8	N/A	N/A	N/A	1 3/4	45	1 5/8	41	3/4-14	1/8-27	N/A	1	0.5	
1	2 3/4	70	3	3 7/8	94	4 1/8	N/A	N/A	N/A	2	51	1 5/8	41	1-11 1/2	1/8-27	N/A	2	1	
1 1/4	3 5/16	84	3 5/8	4 1/4	108	4 1/2	N/A	N/A	N/A	2 5/8	67	3 1/2	89	1 1/4-11 1/2	1/4-18	N/A	3	1.4	
1 1/2	3 3/4	95	3 7/8	4 7/8	124	5 1/4	N/A	N/A	N/A	2 7/8	73	4 3/4	121	1 1/2-11 1/2	1/4-18	N/A	3	1.4	
2	4 1/2	114	4 5/8	5 5/16	135	5 5/8	N/A	N/A	N/A	3 7/8	98	4 3/4	121	2-11 1/2	1/4-18	N/A	6	2.7	