

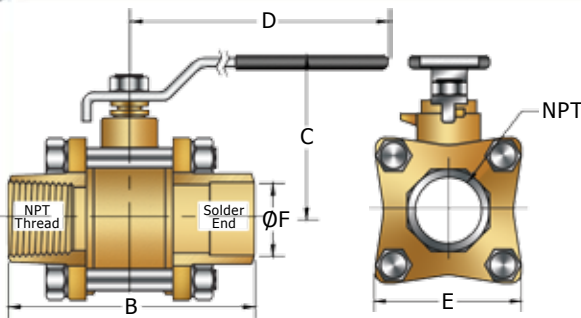
# B3F SERIES BALL VALVE



MSS SP-110 Compliant

## Features:

- Bronze Full Port 3-Piece Ball Valve
- 29" Hg-600psi WOG
- 150psi Saturated Steam
- Blow Out Proof Stem w/Adjustable Stem Packing
- Available in Stainless Steel Ball and Stem C/F
- RPTFE Seats
- -20°F to 400°F Temperature Range



## Dimensions

Part #	NPT	ØA*	B	C	D	E	ØF	Cv	Wt
B3F-2	1/4"	0.43	2.56	1.81	3.87	1.60	N/A	8.1	1.02
B3F-3	3/8"	0.50	2.56	1.81	3.87	1.60	0.50	14	1.04
B3F-4	1/2"	0.62	2.81	1.93	4.87	1.78	0.63	26	1.55
B3F-6	3/4"	0.81	3.43	2.18	4.87	1.98	0.88	51	2.27
B3F-8	1"	1.00	3.87	2.62	5.50	2.22	1.13	68	3.28
B3F-10	1-1/4"	1.25	4.75	2.87	5.50	2.70	1.38	120	5.62
B3F-12	1-1/2"	1.50	5.25	3.37	8.00	3.03	1.63	170	8.07
B3F-16	2"	2.00	6.03	3.68	8.00	3.87	2.13	376	14.42
B3F-20	2-1/2"	2.50	7.25	5.14	9.75	5.05	2.63	510	26.61
B3F-24	3"	3.00	8.37	8.10	19.13	5.82	3.13	996	43.00
B3F-32	4"	4.00	10.86	8.88	19.13	7.77	4.13	1893	106.00

### Suffix Options:

- LL = Latch Lock Handle
- S = Solder End
- BSPP = BSPP threads, parallel, 1/4" to 2"
- BSPT = BSPT threads, tapered, 1/4" to 2"
- OX = Oxygen Cleaned

## Bill of Materials

PART	Material
Body	ASTM B584-C84400 (Bronze)
End Cap	B16 (1/4"-3/8"), B584-C84400 (1/2"-4")
Ball	ASTM B16, Chrome Plated (1/4"-2-1/2") 316 SS (3"-4")
Stem	ASTM B16 (Brass), 316 SS (3"-4")
Stem Nut	Steel, Zinc Plated
Handle	Steel, Zinc Plated
Seat	RPTFE
Gland Nut	B16 Brass
Stem Packing	MPTFE (Chevron Style PTFE 3"-4")
Thrust Washer	PTFE
Bolt Washer	304 Stainless Steel
Joint Gasket	PTFE
Bolt	Steel, Zinc Plated
Handle Sleeve	Vinyl
Bolt Nut	Steel, Zinc Plated

