

BB2 Series 1/4" - 2"

BB2-350 Solder

BB2-100 Threaded

Bronze Butterball Butterfly Valve

175 psig WOG

CSA (AGA/CGA) & UL Rating (1) (*)

Vacuum to 29" (Except 1/4" & 3/8" Threaded End)

Specification: WW-V-1967



MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	BODY	BRONZE	ASTM B584
2	DISC	STAINLESS STEEL	TYPE 304
3	STEM	STAINLESS STEEL	TYPE 303
4	HEX NUT	STAINLESS STEEL	TYPE 302
5	GLAND	ROD BRONZE	CA-360
6	PACKING	NYLON	
7	HANDLE	STEEL W/ZINC PLATING	
8	FLAT GRIP	VINYL	
9	DISC SEAT	VITON	
10	TAILPIECE	3/8" - 3/4" BRASS ROD	ASTM B16
		1" - 2" BRONZE	ASTM B584

FEATURES

- Full Port Design
- Full Flow, High Cv
- One Piece Bronze Body*
- Stainless Steel Stem and Disc
- Viton Seal
- Excellent throttling characteristics⁽³⁾
- Requires no system pressure to seal
- 30°F to 275°F Temperature Range

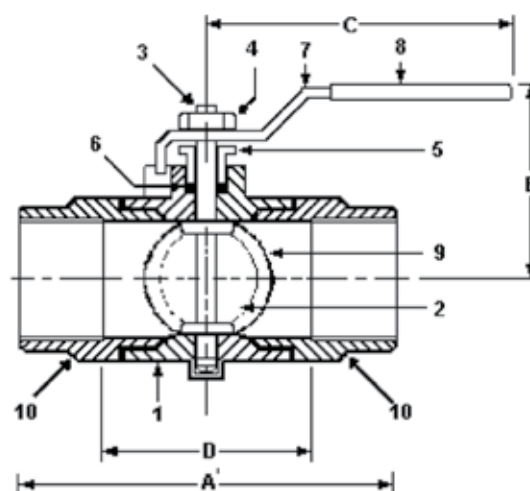
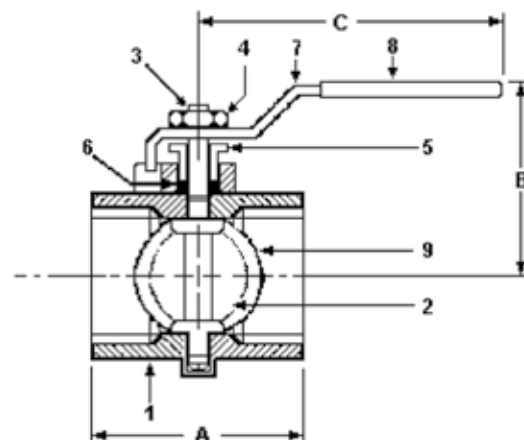
APPLICATIONS

- Natural Gas Shut-off*
(1/2" psi and 5 psi)
- LP Gas Shut-off*
- Gas and Air Systems
- Fuel Oil (Types 1-6)*
- Oil Systems*
- Liquid Service including water⁽²⁾
- Throttling, Balancing & Shut-off⁽³⁾
- Vacuum Service

* Applies to BB2-100 Series Threaded End only

⁽²⁾ Do not use on hot water over 120° F

⁽³⁾ Do not throttle or leave in the near closed position as seal damage may result.

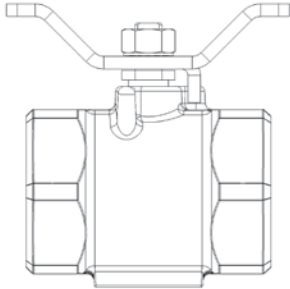


DIMENSIONS

		VALVE SIZE								
		INCHES DN	1/4" 6	3/8" 10	1/2" 15	3/4" 20	1" 25	1-1/4" 32	1-1/2" 40	2" 50
A (Body)	INCHES	2.25	2.34	1.88	2.00	2.13	2.63	2.88	3.25	
	mm	57	60	47	50	54	66	73	62	
A ¹	INCHES	N/A	2.38	2.50	3.13	3.63	4.38	4.88	5.63	
	mm		60	63	79	92	111	123	142	
B	INCHES	1.50	1.50	1.50	1.56	1.75	2.19	2.31	3.63	
	mm	38	38	38	39	44	55	58	92	
C	INCHES	3.50	3.50	3.50	3.50	3.50	5.00	5.00	5.00	
	mm	89	89	89	89	89	127	127	127	
D	INCHES	N/A	1.63	1.50	1.63	1.81	2.44	2.69	2.94	
	mm		41	38	41	46	62	68	74	
Cv			10	13	25	43	85	112	180	
Torque	in/lb	18	18	18	22	35	50	70	120	
Weight (lbs)	BB2-100	0.60	0.60	0.50	0.70	0.80	1.00	1.50	3.00	
	BB2-350	N/A	0.50	0.50	0.60	1.00	1.60	2.00	3.70	

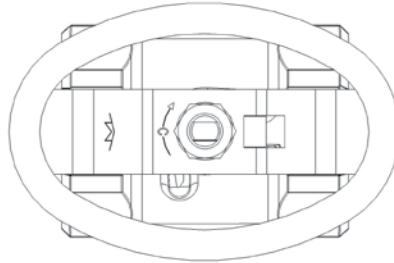
The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design, and/or material specifications without notice. For the Installation, Operation and Maintenance Manual (IOM) see the Technical/Service Information section on our website. For the most current information access www.milwaukeevalve.com





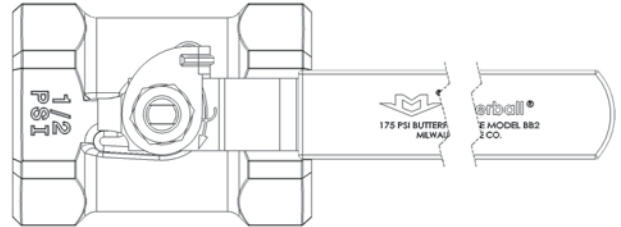
Tee Handle Option

To Order Tee Handle,
Add suffix "T" to Number.
(E.g. BB2-100T)



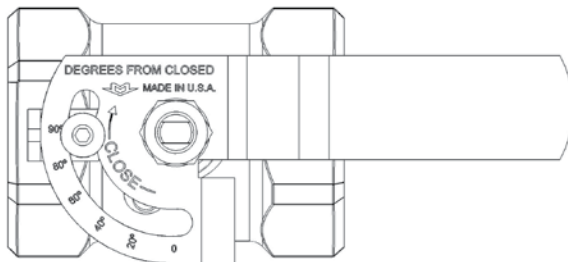
Oval Handle Option

To Order Oval Handle,
Add suffix "R" to Number.
(E.g. BB2-100R)



Memory Stop Option

To Order Memory Stop Option,
Use this Model Number, BB2-102



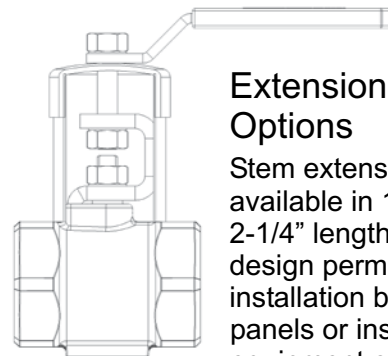
Calibrated Memory Stop Handle Option

This Flow Set Handle Provides a
visual 90 X Scale to Position
the Memory Stop.

Order using Model Number BB2FS100.

Rev. 3

NOTE: Some Accessories Can be
Combined for Added Versatility.
Consult Factory.



Extension Stem Options

Stem extensions are
available in 1-1/4" &
2-1/4" lengths. The
design permits valve
installation behind
panels or inside
equipment enclosures.

1-1/4" Extension, Order BB2-103

2-1/4" Extension, Order BB2-104