

30 Series BB/BS 1/4"-2"

3PC., NPT or SWEAT END,
FULL PORT BRONZE BALL VALVE

Specifications:
WW-V 35, Class A, 1, A or C.

- Sizes 1/4"-2"
- Pressure Rating 600 WOG / 150 WSP
- Temperature Range -20 to 450°F.
- Body Material B584. All body and tailpiece materials meet ASTM specifications
- RPTFE Seats Standard
- Three Piece Construction
- Stem Packing, Chevron Style PTFE
- Blow-out Proof Stem
- Low Torque Seats
- Standard Locking Handle, Oval Available
- Standard Actuator Mounting Pads

MATERIALS LIST

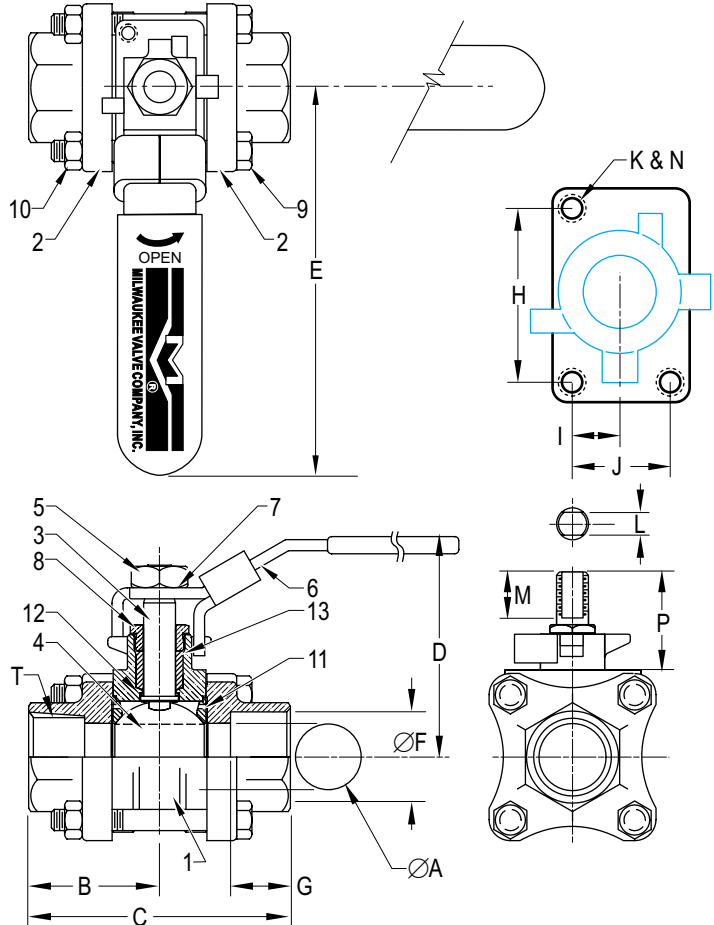
ITEM	PART	30BBOF	30BSOF
1	Body	Bronze-ASTM B584	
2	End Cap		
3	Stem	Brass-ASTM B16	Stainless Steel
4	Ball	Brass-ASTM B16 Chrome Plated	ASTM A276, T-316
5	Handle Nut	Low Carbon Steel Zinc Plated	Stainless Steel 18-8
6	Handle Assembly	AISI 1010 Steel Zinc Plated	
7	Lock Washer	Carbon Steel, Plated	Stainless Steel, T-304
8	Packing Nut	Brass-ASTM B16	Stainless Steel ASTM A276, T-316
9	Body Cap Screws	SAE J429 Gr. 8, Zinc Plated	
10	Body Nuts		
11	Seat (-02)	15% Glass Filled, RTFE	
12	Thrust Washer	PTFE	PTFE
13	Stem Packing	PTFE	PTFE

DIMENSIONS

	UNITS	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
		DN07	DN10	DN15	DN20	DN25	DN32	DN40	DN50
ØA	INCHES	0.69	0.69	0.69	.75	1.00	1.25	1.50	2.00
	mm	17.5	17.5	17.5	19.1	25.4	31.8	38.1	50.8
B	INCHES	1.40	1.40	1.40	1.72	1.94	1.38	2.62	3.05
	mm	35.6	35.6	35.6	43.7	49.3	35.1	66.5	77.5
C	INCHES	2.81	2.81	2.81	3.44	3.87	4.75	5.24	6.10
	mm	71.4	71.4	71.4	87.4	98.3	120.7	133.1	154.9
D	INCHES	2.52	2.52	2.52	2.79	2.93	3.18	3.37	3.60
	mm	64.0	64.0	64.0	70.9	74.4	80.8	85.6	91.4
E	INCHES	5.88	5.88	5.88	5.88	5.88	7.75	7.75	7.75
	mm	149.4	149.4	149.4	149.4	149.4	196.9	196.9	196.9
ØF	INCHES	NA	0.44	0.55	0.88	1.13	1.38	1.63	2.13
	mm		11.2	14.0	22.4	28.7	35.1	41.4	54.1
G	INCHES	NA	0.44	0.51	0.76	0.92	0.98	1.10	1.35
	mm		11.2	13.0	19.3	23.4	24.9	27.9	34.3
H	INCHES	1.58	1.58	1.58	1.58	1.58	1.46	1.63	2.25
	mm	40.1	40.1	40.1	40.1	40.1	37.1	41.4	57.2
I	INCHES	0.32	0.32	0.32	0.32	0.32	0.56	0.76	1.05
	mm	8.1	8.1	8.1	8.1	8.1	14.2	19.3	26.7
J	INCHES	0.64	0.64	0.64	0.64	0.64	1.13	1.53	2.10
	mm	16.3	16.3	16.3	16.3	16.3	28.7	38.9	53.3
K	THREAD SIZE	10-24					1/4-20		
L	INCHES	0.28	0.28	0.28	0.28	0.28	0.36	0.36	0.36
	mm	7.1	7.1	7.0	7.0	7.0	9.0	9.0	9.0
M	INCHES	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
	mm	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
N	NUMBER OF HOLES	3.00					4.00		
P	INCHES	1.25	1.25	1.25	1.25	1.25	1.38	1.50	1.50
	mm	31.8	31.8	31.8	31.8	31.8	34.9	38.1	38.1
Wt.	Lb.	1.6	1.6	1.6	2.7	3.5	5.6	7.8	12.7
	Kilos	3.6	3.6	3.6	5.9	7.7	12.4	17.3	28.1
T	THREAD SIZE	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	NPT	NPT	NPT	NPT	NPT	NPT	NPT	NPT	NPT
Cv		10	10	10	31	49	85	110	360
Torque (in/lbs)		50	50	50	70	125	210	360	600

Note: DN (Diameter Nominal) = Metric equivalent size
ØA Bore size. ØF & G Sweat End Sizes

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 most current information access www.milwaukeevalve.com.



PRESSURE - TEMPERATURE DATA

VALVES RATED FOR VACUUM SERVICE TO 29 INCHES Hg.

