

Figure 440 BRASS BODY BALL VALVES

FNW™

2 PC FULL PORT 600 WOG w/ ISO MOUNTING PAD

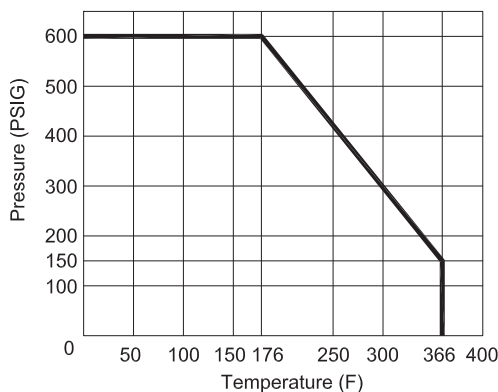
Features:

- 600 WOG
- 150 PSI WSP
- Full Port
- Blow-out Proof Stem
- Double Viton® O-ring Stem Seal with Additional PTFE Seal
- Threaded NPT Ends
- Forged Brass Body & End Cap
- O-ring Backed Seats for Reduced Operating Torque
- Mounting Pad for Direct Mount Actuation
- 100% Electronically Tested in Open & Closed Position at 80 PSI
- Sizes 1/4" to 4"

Standards:

- Design: MSS SP-110*
- End Connections: ANSI B1.20.1
- Seat/Shell Test: MSS SP-110
- Mounting Pad: ISO 5211

* The specification MSS SP-110 addresses valves design with handles. The 440 does not include a handle. Other than this exception, the valve meets the design criteria of the specification.



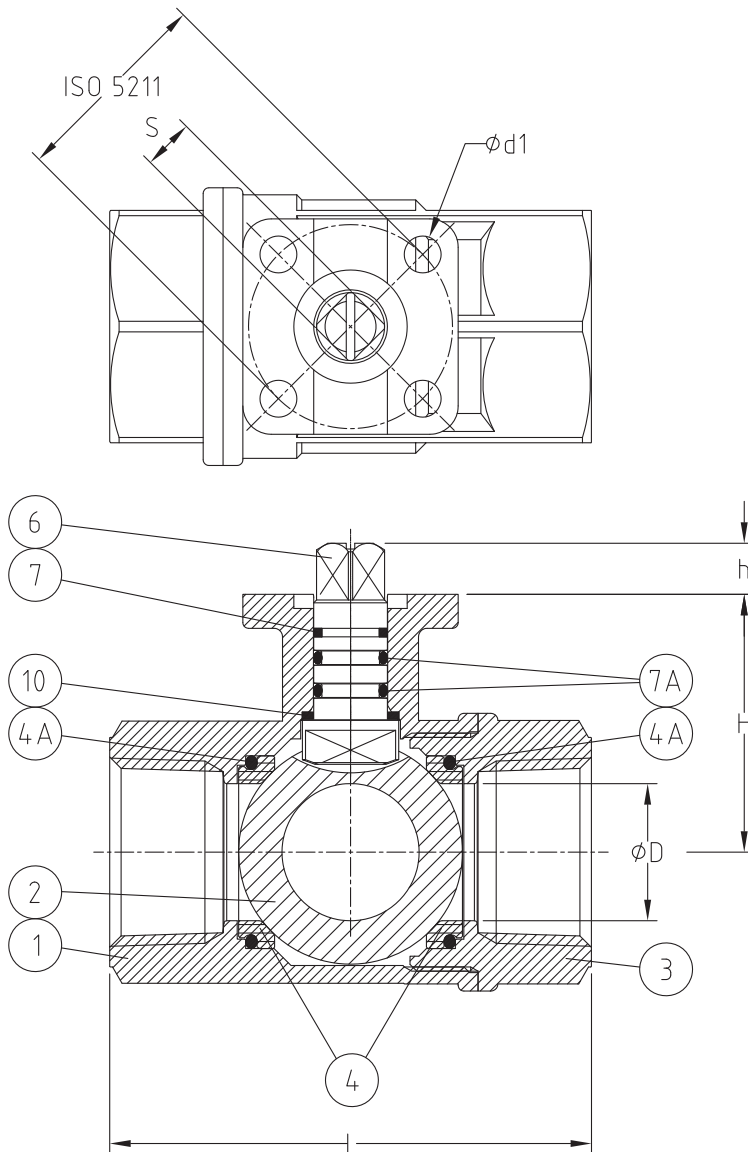
Cv, Torque & Weight

Size	Cv	Torque (in-lbs)	Wt (lbs)
1/4	6	52	0.8
3/8	7	52	0.8
1/2	19	52	1.0
3/4	19	52	1.0
1	34	52	1.6
1-1/4	50	52	2.2
1-1/2	268	154	4.3
2	309	154	5.6
2-1/2	629	267	8.8
3	944	267	13.3
4	1493	658	21.5

Figure Number Matrix

FNW 440 Size	
SIZE CODE	
1/4 = B	1-1/2 = J
3/8 = C	2 = K
1/2 = D	2-1/2 = L
3/4 = F	3 = M
1 = G	4 = P
1-1/4 = H	

2 PC FULL PORT 600 WOG w/ ISO MOUNTING PAD



Standard Materials

Ref. No.	Description	Material	Qty
1	Body	Brass CW 617N UNI EN 12165	1
2	Ball	Brass CW 617N UNI EN 12165 (Nickel-Chrome Plated)	1
3	End Cap	Brass CW 617N UNI EN 12165	1
4	Seat	PTFE	2
4A	Seat Backing O-ring	Viton®	2
6	Stem	Brass CW 614N UNI EN 12164	1
7	Stem Seal	PTFE	1
7A	Stem O-ring	Viton®	2
10	Thrust Washer	PTFE	1

Dimensions (inches)

SIZE	ØD	L	H	h	S	ISO 5211	Ød1
1/4	0.39	2.64	1.28	0.35	0.354	1.42/F03	0.24
3/8	0.39	2.64	1.28	0.35	0.354	1.42/F03	0.24
1/2	0.56	2.64	1.28	0.35	0.354	1.42/F03	0.24
3/4	0.75	3.00	1.36	0.35	0.354	1.42/F03	0.24
1	0.95	3.35	1.79	0.35	0.354	1.42/F03	0.24
1-1/4	1.18	3.66	1.93	0.35	0.354	1.42/F03	0.24
1-1/2	1.49	4.13	2.52	0.43	0.433	1.97/F05	0.27
2	1.97	4.80	2.88	0.43	0.433	1.97/F05	0.27
2-1/2	2.52	6.10	3.48	0.59	0.551	2.76/F07	0.35
3	3.00	6.89	3.85	0.59	0.551	2.76/F07	0.35
4	3.74	8.03	4.59	0.69	0.669	2.76/F07	0.35