

Figure 413 BRASS BODY BALL VALVE

FNW™

3-WAY 400 WOG DIVERTER

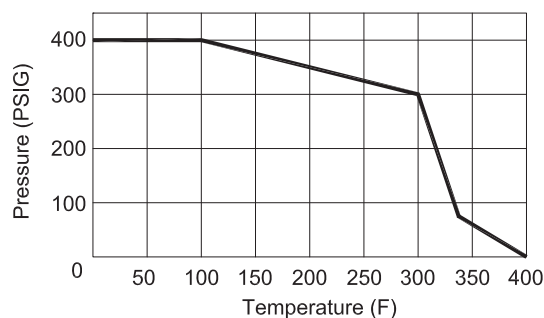
Features:

- 400 WOG
- 150 WSP
- L-Port Flow Pattern
- Threaded NPT Ends
- Meets MSS SP-110 Standards
- Blow-out Proof Stem
- Actuator Mounting Pad

Standards:

- Design: MSS SP-110
- End Connections: ANSI B1.20.1

NOT FOR USE AT OR BELOW GROUND LEVEL



Cv & Weight

Size	Cv	Wt (Lbs)
1/4	36	0.42
3/8	38	0.43
1/2	53	0.64
3/4	74	0.97
1	99	1.87
1-1/4	116	2.26
1-1/2	149	3.53
2	188	5.47

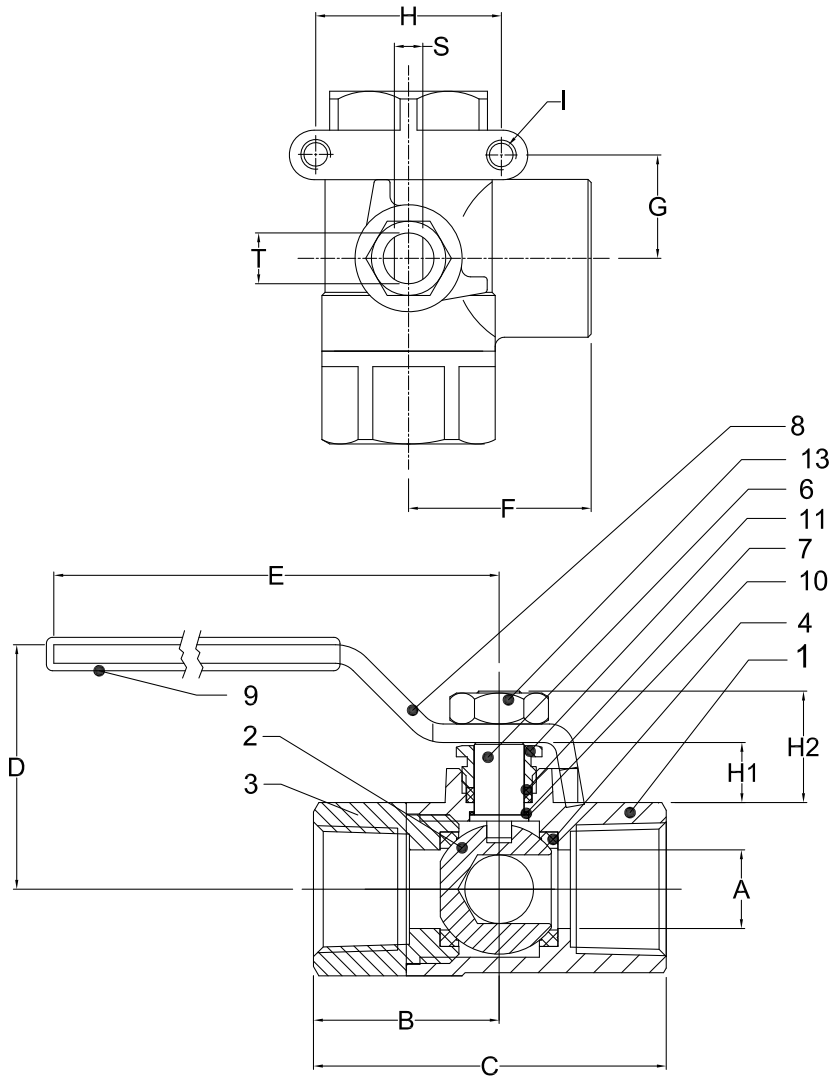
Torque

Size	Torque (in-lbs)
1/4	39
3/8	39
1/2	59
3/4	117
1	169
1-1/4	195
1-1/2	234
2	260

Figure Number Matrix

FNW 413 Size	
SIZE CODE	
1/4 = B	1 = G
3/8 = C	1-1/4 = H
1/2 = D	1-1/2 = J
3/4 = F	2 = K

3-WAY 400 WOG DIVERTER

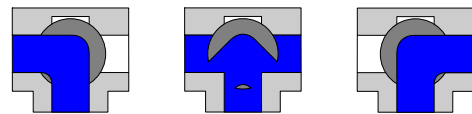


Standard Materials

Ref. No.	Description	Material	Qty
1	Body	ASTM B584 C89520	1
2	Ball	ASTM B124 C37700	1
3	End Cap	ASTM B124 C37700	1
4	Seat	RTFE	2
6	Stem	ASTM B16 C36000	1
7	Stem Packing	RTFE + CARBON FIBER	1
8	Handle	A36 CARBON STEEL (NICKEL PLATED)	1
9	Handle Cover	PLASTIC	1
10	Thrust Washer	RTFE	1
11	Gland Nut	ASTM B16 C36000	1
12	Handle Washer	A36 CARBON STEEL (ZINC PLATED)	1
13	Handle Nut	ASTM A283 SS41 (NICKEL PLATED)	1

90° L-PORT PATTERN

POSITION 1 MID-POSITION POSITION 2



FLOW PLAN A

Dimensions (inches or as indicated)

Size	A	B	C	D	E	F	G	H	H1	H2	I (UNC)	S	ØT (mm)
1/4	0.37	0.89	1.93	1.43	3.27	0.93	0.87	1.37	0.41	0.74	10-24	0.18	8
3/8	0.37	0.94	1.97	1.43	3.27	0.93	0.87	1.37	0.41	0.74	10-24	0.18	8
1/2	0.50	1.14	2.20	1.46	3.78	1.10	0.87	1.37	0.43	0.77	10-24	0.18	8
3/4	0.68	1.20	2.41	1.83	3.94	1.28	0.87	1.37	0.61	1.05	10-24	0.22	8.5
1	0.87	1.49	3.00	2.28	4.72	1.60	0.87	1.37	0.64	1.08	10-24	0.25	9.5
1-1/4	1.00	1.64	3.29	2.46	4.72	1.76	0.94	1.50	0.68	1.12	1/4-20	0.25	9.5
1-1/2	1.25	1.91	3.79	2.98	6.30	2.02	0.94	1.50	0.75	1.38	1/4-20	0.43	14
2	1.50	1.50	3.94	3.14	6.30	2.17	0.94	1.50	0.72	1.33	1/4-20	0.43	14

DOC: FNW413BV08 Ver. 6/2012

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