

Figure 435 BRASS BODY BALL VALVES



2 PC FULL PORT GAS SERVICE VALVE w/PRESS ENDS

Features:

- 125 PSI Maximum Working Pressure for CSA Approval
- Full Port
- -4°F Minimum to 140°F Maximum Temperature at Maximum Pressure
- Conforms to MSS SP-110*
- True 2-piece design
- No Soldered-in End Pieces
- Blow-out Proof Stem
- Adjustable Packing
- Press Ends
- Forged Brass Body & End Cap



The FNW figure 435 press valve for gas service is suggested for all applications where labor and time savings is a must. The figure 435 valve allows quick installation on copper pipelines according to the ASTM B88 standard. **Note that the gas approvals covering this valve are for connection to copper pipe only.** The structure of the valve, made in dezincification resistant brass, guarantees excellent corrosion resistance particularly in the connection areas in the pipeline.

* The current specification SP-110-1996 does not address the new technology of press end connections. Other than this exception, the valve meets the design criteria of the specification.

It is recommended to use the valve in open/close applications, not mid, or modulating, services. In addition, the valve should be operated at least twice a year.



Cv & Weights

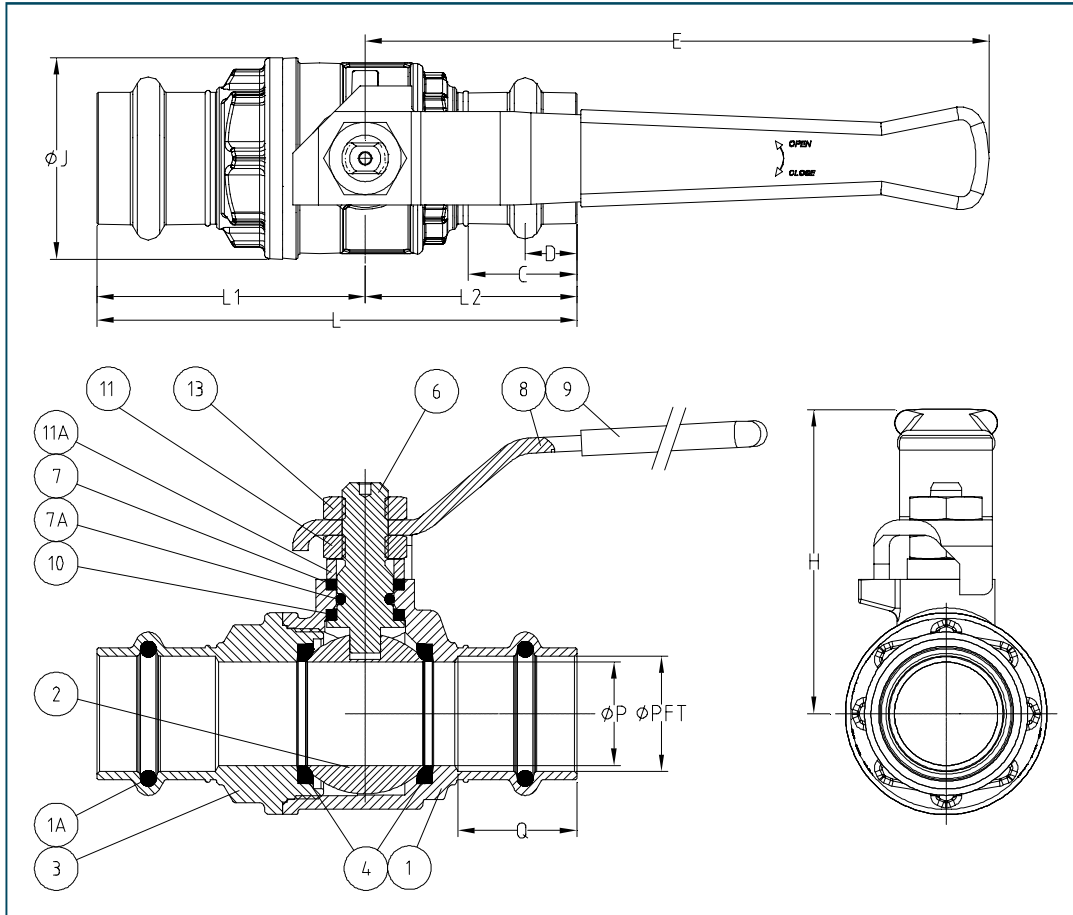
Size	Cv	Wt. (Lbs)
1/2	18	0.49
3/4	34	0.82
1	49	1.25
1-1/4	102	1.98
1-1/2	265	3.40
2	306	4.50

Figure Number Matrix

F N W 4 3 5 Size	
SIZE CODES	
1/2 = D	1-1/4 = H
3/4 = F	1-1/2 = J
1 = G	2 = K

For other valve materials or configurations, contact FNW Valve at (503) 287-8383 for sales assistance.

2 PC FULL PORT GAS SERVICE VALVE w/PRESS ENDS



Dimensions (Inches)

Size	C	D	E	H	ØJ	L	L1	L2	ØP	ØPFT	Q
1/2	0.67	0.31	3.86	1.89	1.30	3.13	1.71	1.42	0.59	0.63	0.71
3/4	0.83	0.39	4.80	2.28	1.54	3.66	2.05	1.61	0.79	0.88	0.91
1	0.83	0.39	4.80	2.44	1.93	4.13	2.32	1.81	0.98	1.13	0.94
1-1/4	0.83	0.39	6.02	3.07	2.32	4.41	2.44	1.97	1.26	1.38	1.02
1-1/2	1.02	0.49	6.02	3.35	2.87	5.63	2.91	2.72	1.57	1.63	1.42
2	1.20	0.59	6.38	3.80	3.39	6.52	3.41	3.11	1.95	2.13	1.57

Standard Materials

Ref. No.	Description	Material	Qty
1	Body	Brass CW 602N UNI EN 12165	1
1A	O-Ring	NBR	2
2	Ball	Brass CW 617N UNI EN 12165 (Nickel-Chrome Plated)	1
3	End Cap	Brass CW 602N UNI EN 12165	1
4	Seat	PTFE	2
6	Stem	Brass CW 614N UNI EN 12164 NP	1
7	Stem Packing	PTFE	1
7A	Stem O-ring	NBR	1
8	Handle	Steel Fe DD11 UNI EN 10111 ZP	1
9	Handle Cover	Plastic	1
10	Thrust Washer	PTFE	2
11	Gland Nut	Steel, Class 4 ZP	1
11A	Packing Gland	Brass CW 614N UNI EN 12164 NP	1
13	Handle Nut	Steel, Class 4 ZP	1

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