

SPECIFICATIONS

FIGURE 490 & 495 BRASS BODY BALL VALVES



2-PC FULL PORT 600 WOG BALL VALVE PUMP ISOLATION WITH ROTATING FLANGE

FEATURES

- 600 WOG
- Full port
- PTFE seats
- Non-removable rotating flange
- Secondary O-ring stem seal
- Blowout-proof stem
- Adjustable packing
- Stocked configurations:
 - Fig. 490 - NPT end (3/4" – 1-1/2")
 - Fig. 490D - NPT end w/ drain (3/4" – 1-1/4")
 - Fig. 495 - sweat end (3/4" – 1-1/2")
 - Fig. 495D - sweat end w/ drain (3/4" – 1-1/4")
- Drain features:
 - Dual O-ring stem seal
 - Slotted stem operation (reduces accidental openings)
 - Knurled brass cap
 - Resilient cap gasket
 - Cap retainer strap
- Each valve includes:
 - Optional tee handle (except 1-1/2")
 - Resilient flange gasket
 - Flange nuts and bolts
- NOT FOR USE AT OR BELOW GROUND LEVEL

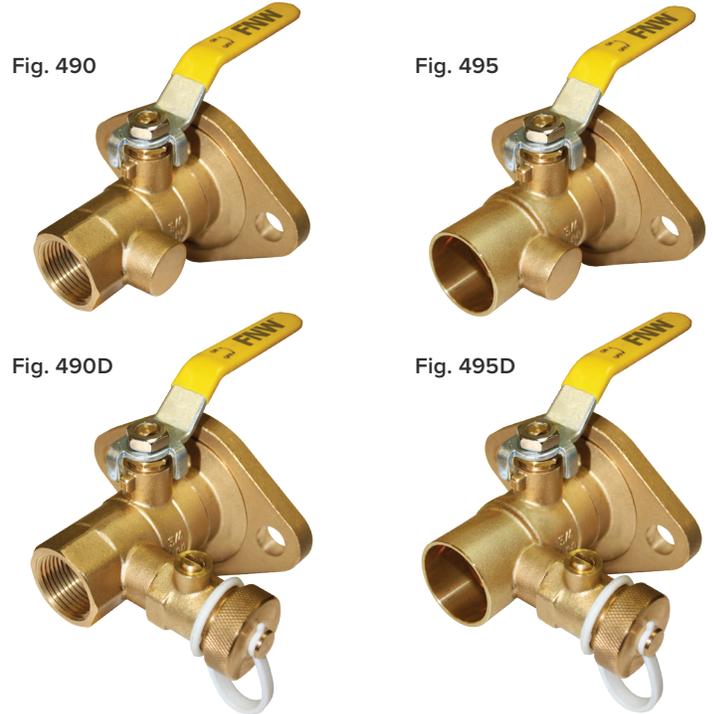
WEIGHT (LBS)

Size (in.)	490	490D	495	495D
3/4	1.47	1.66	1.40	1.57
1	1.89	2.06	1.73	1.92
1-1/4	2.41	2.59	2.17	2.37
1-1/2	3.00	-	2.82	-

FIGURE NUMBER MATRIX

FNW 490/495	
END CONNECTION	SIZE CODE (IN.)
NPT = 490	3/4 = F
Sweat = 495	1 = G
Standard Valve = Blank	1-1/4 = H
With Drain = D	1-1/2 = J

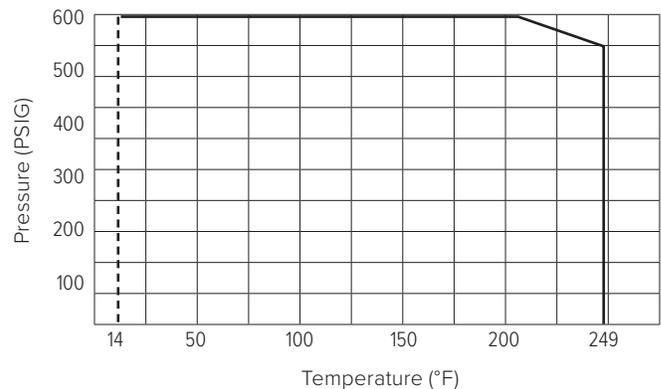
Replacement Gasket = FNWPIVFGHJ



ACCESSORIES/OPTIONS



FLOW CHART



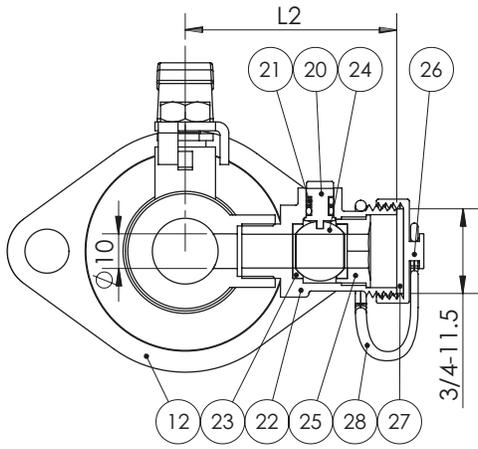
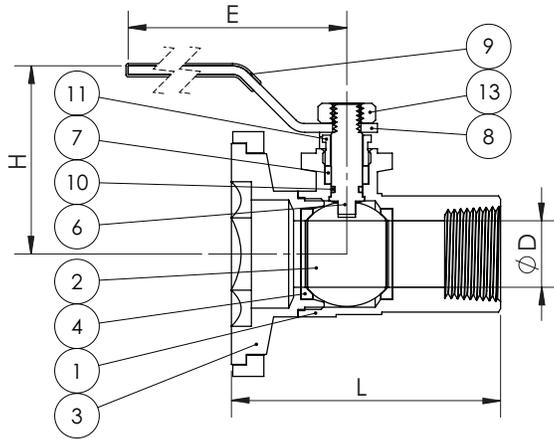
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FIGURE 490 & 495
BRASS BODY BALL VALVES

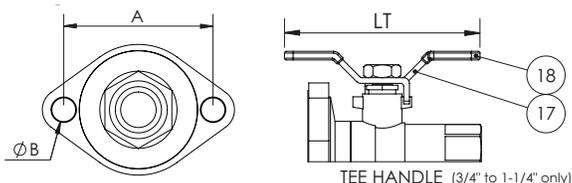


2-PC FULL PORT 600 WOG BALL VALVE
PUMP ISOLATION WITH ROTATING FLANGE

PARTS DIAGRAM

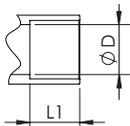


490D-495D (WITH DRAIN)



FLANGE VIEW

TEE HANDLE (3/4" to 1-1/4" only)



495-495D
SWEAT END
CONNECTION

STANDARD MATERIALS

Ref. No.	Description	Material	Qty	Notes
1	Body	HPb59-3 Brass	1	
2	Ball	HPb58-3 Brass	1	Chrome Pltd
3	Endcap	HPb59-3 Brass	1	
4	Seat	PTFE	2	
6	Stem	HPb58-3 Brass	1	
7	Packing	PTFE	1	
8	Handle	Steel	1	Zinc Plated
9	Handle Sleeve	Vinyl	1	
10	Stem O-ring	EPDM	1	
11	Packing Gland Nut	HPb58-3 Brass	1	
12	Flange	HPb59-3 Brass	1	
13	Handle Nut	Steel	1	Zinc Plated
14	Flange Bolt	Q235 Steel, ZP	2	Not Shown
15	Flange Nut	Q235 Steel, ZP	2	Not Shown
16	Flange Gasket	NBR	1	Not Shown
17	Tee Handle	Steel, Zinc Plated	1	Except 1-1/2"
18	Tee Handle Sleeve	Vinyl	1	Except 1-1/2"
20	Drain Stem	HPb58-3 Brass	1	With Drain
21	Drain Stem O-ring	EPDM	2	With Drain
22	Drain Body	HPb59-3 Brass	1	With Drain
23	Drain Seats	PTFE	2	With Drain
24	Drain Ball	HPb58-3 Brass	1	With Drain
25	Drain Carrier	HPb59-3 Brass	1	With Drain
26	Drain Cap	HPb58-3 Brass	1	With Drain
27	Drain Cap Gasket	EPDM	1	With Drain
28	Drain Cap Retainer	Plastic	1	With Drain

DIMENSIONS (IN.)

SIZE	Ød	L		E	LT	L1 Sweat	L2 Drain	H	A	Øb
		NPT	Sweat							
3/4	0.75	3.03	3.13	3.62	3.43	0.75	2.52	2.11	3.13	0.50
1	0.96	3.39	3.50	4.33	3.50	0.91	2.66	2.46	3.13	0.50
1-1/4	1.18	3.66	3.86	5.41	3.62	0.96	2.80	3.05	3.13	0.50
1-1/2	1.46	4.27	4.65	5.41	-	1.10	-	3.15	3.13	0.50