

SPECIFICATIONS

- PSI/Temperature Rating:** 600 WOG (400PSI / 250°F)
- Body Material:** Forged Brass ASTM B283-06
- End Connections:** Brass – NPT, Sweat or ProPress¹
- Ball Valve Seals:** Teflon
- Union Seal:** EPDM O-ring
- Body Tappings²:** Two 1/4" bosses
- Ball Valve:** Nickel-plated brass ball, full port
Optional: Stainless steel ball
- Field Repairable Stem:** Dual Teflon seals and EPDM O-ring
- Assembly:** Valve comes fully assembled.
- Options:** Combination P/T Test Valve and Manual Air Vent (CPTA), Drain Valve, Insulation Option

DIMENSIONS & WEIGHTS (NOMINAL)

SIZE	A - FIXED END CONNECTION		B - UNION END CONNECTION ³						C	D	E	WEIGHT (LBS.)	
	FNPT	SWT	FNPT		MNPT		SWT						
1/2"	2.6	2.5	1/2":1.0	3/4":N/A ⁴	1/2":1.0	3/4":1.2	3/8",1/2":0.8	3/4":1.1	3.0	2.5	3.7	0.7	
3/4"	2.6	3.2	1/2",3/4":1.0	1":N/A ⁴	1/2"-3/4":1.0	1":1.4	3/8",3/4":1.0	1/2":0.7	1":1.3	3.8	2.6	3.7	1.0
3/4"L	3.0	3.1								4.0	2.9	5.0	1.5
1"	3.2	3.4	1",1-1/4",1-1/2":1.7	1",1-1/4",1-1/2":1.7 ⁵	1",1-1/4":1.7	1-1/2":1.4	4.3	3.1	5.0	3.5			
1-1/4"	3.9	4.1					4.5	3.5	5.5	4.5			
1-1/2"	4.4	4.6	1-1/4",1-1/2":1.6	2": N/A ⁴	1",1-1/4":1.8	1-1/2", 2":1.6	1-1/4",2":1.6	1-1/2":1.7	5.3	4.0	5.5	6.9	
2"	5.1	5.5											

For ProPress connections add 3.1" (1/2"), 3.6" (3/4", 3/4"L), 4.1" (1") to the FNPT length (A) listed for a valve. These are for planning purpose only, contact factory for actual measurement at time of order.

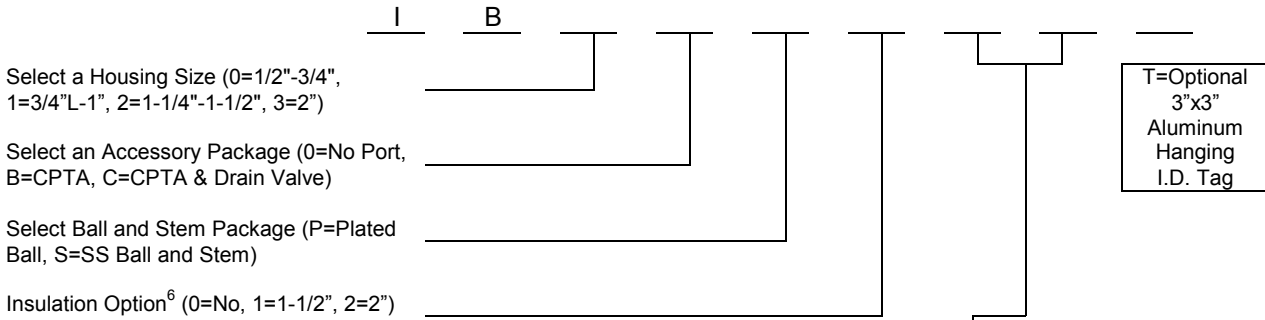
NOTES

- ¹ ProPress is available on 1/2" to 1" valves only.
- ² Body Tappings for accessories are a leak proof metal to metal seal and do not require pipe dope or tape. Tape or dope should not be used.
- ³ For overall length, add union end connection length to body length.
- ⁴ Tailpiece is not available for this size. Male tailpiece used with coupling.
- ⁵ 1-1/4"-1-1/2" valves can also take 1/2"-3/4" MNPT tailpieces.

Replaces form F-4067E and F-4278C

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MODEL NUMBER SELECTION



Valve	FIXED END OR UNION END ⁷ (No Union Tailpiece=Z)			UNION END ONLY ⁷
	Female Threaded	Female Sweat	ProPress ⁸	Male Threaded
IB0	1/2"=E, 3/4"=F ⁴	3/8"=K ⁹ , 1/2"=L, 3/4"=M	1/2"=2, 3/4"=3	1/2"=H, 3/4"=I
IB1	1/2"=E ⁹ , 3/4"=F, 1"=G ⁴	3/8"=K ⁹ , 1/2"=L ⁹ , 3/4"=M, 1"=N	1/2"=2 ⁹ , 3/4"=3, 1"=1	1/2"=H, 3/4"=I, 1"=J
IB2	1"=G ⁹ , 1-1/4"=P, 1-1/2"=Q	1"=N ⁹ , 1-1/4"=K, 1-1/2"=W	N/A	1/2"=H, 3/4"=I, 1"=J, 1-1/4"=S, 1-1/2"=T
IB3	1-1/4"=P ⁹ , 1-1/2"=Q ⁹ , 2"=R ⁴	1-1/4"=K ⁹ , 1-1/2"=W ⁹ , 2"=Y	N/A	1-1/4"=S, 1-1/2"=T, 2"=U

NOTES

⁶ Insulation Option includes handle cover and Accessory extensions.
⁷ Select the Fixed End First and the Union End Second.
⁸ ProPress option is a tailpiece on the union side and/or a FNPT valve with a ProPress adapter on the fixed end side.
⁹ Fixed end not available for this size. Union tailpiece only.

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