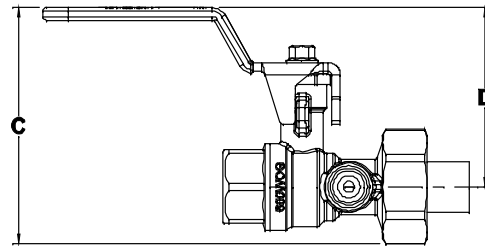
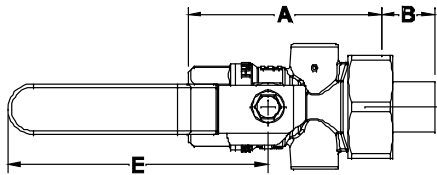


## SPECIFICATIONS



<b>PSI/Temperature Rating:</b>	600 WOG 400 PSI / 250°F
<b>Body Material:</b>	Forged Brass ASTM B283-06
<b>End Connections:</b>	Brass – NPT, Sweat or QuickPress <sup>1</sup>
<b>Ball Valve Seals:</b>	Teflon
<b>Union Seal:</b>	EPDM O-ring
<b>Body Tappings<sup>2</sup>:</b>	(2) Bosses for CPTAs and Drain Valve
<b>Ball Valve:</b>	Nickel-plated brass ball, full port Optional: Stainless steel ball
<b>Field Repairable Stem:</b>	Dual Teflon seals and EPDM O-ring
<b>Assembly:</b>	Valve comes fully assembled.
<b>Options:</b>	Combination P/T Test Valve and Manual Air Vent (CPTA), Drain Valve, Coin-Op Airvent, Extension Option



## DIMENSIONS &amp; WEIGHTS (NOMINAL)

All dimensions are for planning purposes only and may change without notice.

SIZE	A - FIXED END CONNECTION		B - UNION END CONNECTION <sup>3</sup>						C	D <sup>4</sup>	E	C <sub>v</sub> <sup>5</sup>	WEIGHT (LBS.) <sup>6</sup>	
	FNPT	SWT	FNPT		MNPT		SWT							
1/2"	2.6	2.5	1/2":1.0	3/4":N/A <sup>7</sup>	1/2":1.0	3/4":1.2	3/8",1/2":0.8	3/4":1.1	3.0	1.5	3.7	11	1.3	
3/4"	2.6	3.2												
3/4"L	3.0	3.1	1/2",3/4":1.0	1":N/A <sup>7</sup>	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	32	1.4
1"	3.2	3.4								4.0	2.9	5.0	51	2.4
1-1/4"	3.9	4.1								4.3	3.1	5.0	99	3.8
1-1/2"	4.4	4.6								4.5	3.5	5.5	165	4.1
2"	5.1	5.5	1-1/4", 1-1/2":1.6	2": N/A <sup>7</sup>	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	260	7.8	

For QuickPress 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.

## NOTES

<sup>1</sup> QuickPress is available on 1/2" to 1" valves only. Connections are compatible with popular press tools and are rated for maximum 200 PSI.

<sup>2</sup> 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.

<sup>3</sup> For overall length, add union end connection length to body length.

<sup>4</sup> Space Saver handle standard on 1/2"-3/4" valves. Standard handle on 1" to 3" valves and 1-1/2" extended handle in 1/2" to 3" is compatible with 1-1/2" insulation. Largest extended handle is compatible with 2" insulation.

<sup>5</sup> Cv's are used to calculate the pressure drop.  $PSID = (Flow/Cv)^2$ .

<sup>6</sup> Weight represents line size FNPT valve with no accessories.

<sup>7</sup> Tailpiece is not available for this size. Male tailpiece used with coupling.

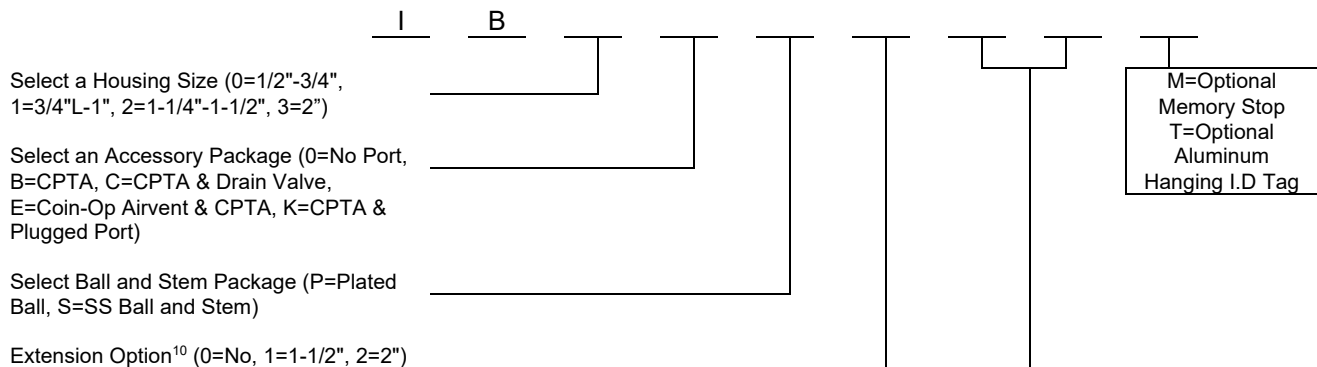
<sup>8</sup> 1-1/4"-1-1/2" valves can also take 1/2"-3/4" MNPT tailpieces.

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MODEL NUMBER SELECTION<sup>9</sup>

Valve	FIXED END OR UNION END <sup>11</sup> (No Union Tailpiece=Z)			UNION END ONLY <sup>11</sup>
	Female Threaded	Female Sweat	QuickPress	Male Threaded
IB0	1/2"=E, 3/4"=F <sup>7</sup>	3/8"=K <sup>12</sup> , 1/2"=L, 3/4"=M	1/2"=2, 3/4"=3	1/2"=H, 3/4"=I
IB1	1/2"=E <sup>12</sup> , 3/4"=F, 1"=G <sup>7</sup>	3/8"=K <sup>12</sup> , 1/2"=L <sup>12</sup> , 3/4"=M, 1"=N	1/2"=2 <sup>12</sup> , 3/4"=3, 1"=1	1/2"=H, 3/4"=I, 1"=J
IB2	1"=G <sup>12</sup> , 1-1/4"=P, 1-1/2"=Q	1"=N <sup>12</sup> , 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 <sup>12</sup> , 1-1/2"=Q <sup>12</sup> , 2"=R <sup>7</sup>	1-1/4"=K <sup>12</sup> , 1-1/2"=W <sup>12</sup> , 2"=Y	N/A	1-1/4"=S, 1-1/2"=T, 2"=U

## NOTES

<sup>9</sup> Model no. is indicated on label affixed to body.

<sup>10</sup> Extension Option includes handle cover and accessory extensions for either 1-1/2" or 2" insulation.

<sup>11</sup> Select the Fixed End First and the Union End Second.

<sup>12</sup> Fixed End not available for this size. Union tailpiece only.

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