

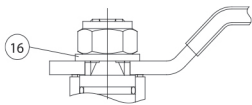
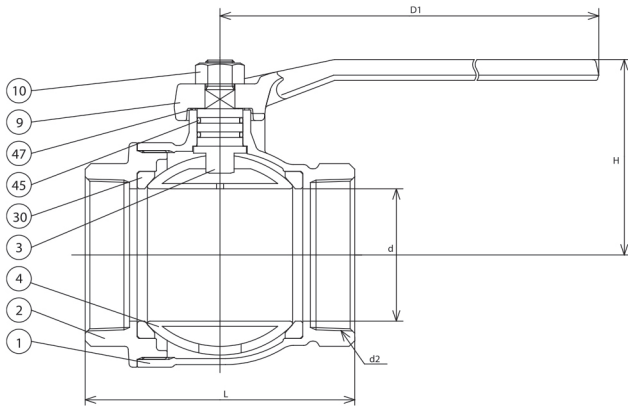
CAST BRONZE BALL VALVE

MAINTENANCE FREE DOUBLE O-RING STEM SEALS

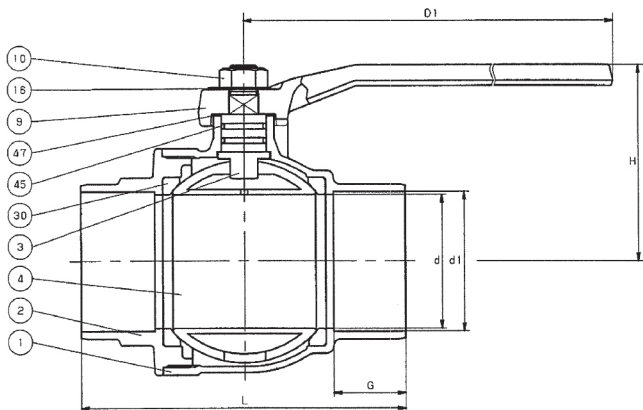
Two Piece Body • Full Port • Chrome Plated / Vented Ball

Blowout Proof Stem (Ni Plated) • PTFE Seats

CODE # 58 (AKSZA) THREADED



CODE # 59 (CSZA) SOLDER*



*REFERENCE VALVE INSTALLATION TIPS FOR SOUND SOLDER JOINTS (PAGE BV-70) OR SEE INSTALLATION SHEET PACKAGED WITH VALVE.

SPECIFICATION

Approved valve shall have two piece forged brass body, blowout proof stem (Ni Plated), PTFE seats, maintenance free double o-ring stem seals, chrome plated ball and full port design. Valves shall be pressure rated to 150 WSP/400 WOG and conform to MSS-SP 110.

KITZ Code No. 58 (AKSZA) Threaded Ends
59 (CSZA) Solder Ends

STANDARDS

END TO END	KITZ
THREADED ENDS	ANSI B1.20.1
SOLDER JOINT ENDS	ANSI B16.18
WALL THICKNESS	KITZ
CONFORMS TO MSS-SP 110 - REPLACES US. FED.	
SPEC. WWW-V-35B, TYPE II, CLASS A, STYLE 3	

PRESSURE/TEMPERATURE

150 PSI SATURATED STEAM TO 366°F
400* PSI - NON-SHOCK COLD WATER, OIL OR GAS

NOTE: PRESSURE/TEMPERATURE CHART - PAGE BV-35

MATERIAL LIST

NO.	NAME OF PART	SPECIFICATION
1	BODY	CAST BRONZE (B62)
2	BODY CAP	CAST BRONZE (B62)
3	STEM	(1) BRASS ROD (B16)
4	BALL (Vented) (2 1/2") (3" & 4")	(2) FORGED BRASS (2) CAST BRASS STRAIGHT OR HOLLOW BALL
9	HANDLE (2 1/2") (3" & 4")	(3) CARBON STEEL DUCTILE IRON
10	HANDLE NUT	CARBON STEEL
16	WASHER (2 1/2")	CARBON STEEL
30	BALL SEATS	PTFE
45	O-RINGS	FPM
47	THRUST WASHER	PTFE

NOTES: (1) Ni PLATING
(2) CR. PLATING
(3) ELECTROPLATED ZINC WITH PLASTIC COVERING

DIMENSIONS • WEIGHTS • QUANTITIES

	d2 SIZE	d	H	D1	L	L1	d1		APPROX. NET WT.	CARTON QTY
							Min.	Max.		
in.	2 1/2	2.56	3.93	7.87	5.43	3.51	2.633	2.628	21	2
mm.		65.0	99.8	199.9	137.9	89.2	66.9	66.8	9.5	
in.	3	2.99	4.42	11.81	6.57	4.06	3.133	3.128	30	2
mm.		75.9	112.3	299.0	166.9	103.1	79.6	79.5	13.6	
in.	4	3.94	5.15	11.81	7.6	-	-	-	44.3	2
mm.		100.1	130.8	299.0	193.0	-	-	-	20.1	