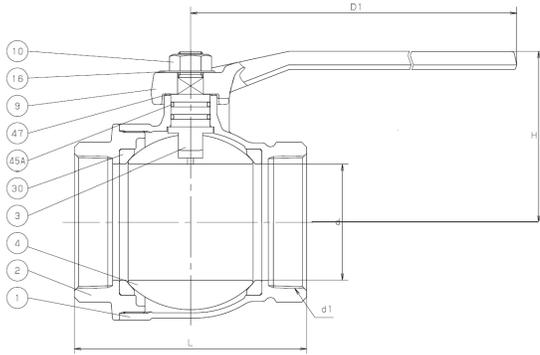


CAST BRONZE BALL VALVE

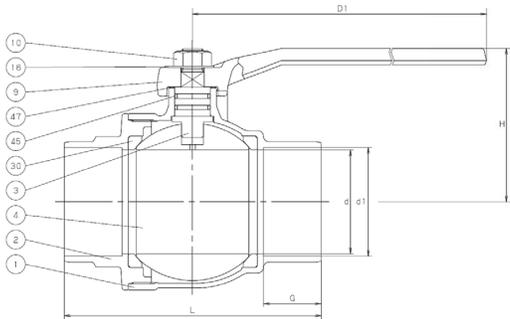
MAINTENANCE FREE DOUBLE O-RING STEM SEALS

Two Piece Body • Full Port • Stainless Steel / 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-73) 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, stainless steel ball and full port design. Valves shall be pressure rated to 150 WSP/400 WOG and conform to MSS-SP 110.

KITZ Code # 58 (AKSZA) Threaded Ends
59 (CSZA) Solder Ends

STANDARDS

END TO END KITZ STD.
THREADED ENDS ANSI B1.20.1
SOLDER ENDS ANSI B16.18
WALL THICKNESS KITZ STD.
CONFORMS TO MSS-SP 110

PRESSURE / TEMPERATURE

600PSI - COLD WORKING PRESSURE (CWP) 2 1/2" - 3"
400PSI - COLD WORKING PRESSURE (CWP) 4" Only
150PSI - SATURATED STEAM (WSP)
NOTE: PRESSURE / TEMPERATURE CHART - PAGE BV-35

MATERIAL LIST

NO.	NAME OF PART	SPECIFICATION
1	BODY	FORGED BRASS (B284, C37700) 2 1/2"-3" CAST BRONZE (B583, C84400) 4"
2	BODY CAP	FORGED BRASS (B284, C37700) 2 1/2"-3" CAST BRONZE (B583, C84400) 4"
3	STEM	(1) BRASS ROD (B16)
4	BALL (Vented)	STAINLESS STEEL (CF8) STRAIGHT BALL
9	HANDLE	DUCTILE IRON
10	HANDLE NUT	CARBON STEEL
16	NAME PLATE	ALUMINUM
30	BALL SEATS	PTFE
45	O-RINGS	FKM
47	THRUST WASHER	PTFE

NOTES: (1) Ni PLATING

DIMENSIONS & WEIGHTS

DIMENSIONS • WEIGHTS • QUANTITIES												
	d2 SIZE	d	H	D1	L		G	d2		APROX NET WT	CARTON QTY	
					#58	#59		Max.	Min.			
	2 1/2	in.	2.56	3.97	7.87	5.43	6.45	1.47	2.633	2.628	10.3	2
		mm.	65	101	200	138	164	37.4	66.88	66.75	4.7	
	3	in.	2.99	4.44	11.81	6.57	7.38	1.66	3.133	3.128	17.7	2
		mm.	80	113	300	167	187.5	42.2	79.58	79.45	8.0	
	4	in.	3.94	5.15	11.81	7.60	-	-	-	-	22.2	2
		mm.	100	131	300	193	-	-	-	-	10.1	

CERTIFICATIONS

CSA (US/C)
CSA/ANSI Z21.15:21/CSA9.1:21 Third Edition
CSA 9.4:21 First Edition
ASME B16.44-2023
CSA 3.16:21 Fourth Edition
ASME B16.33-2024
FM-1140 - 175 WWP (Fire Protection Systems)