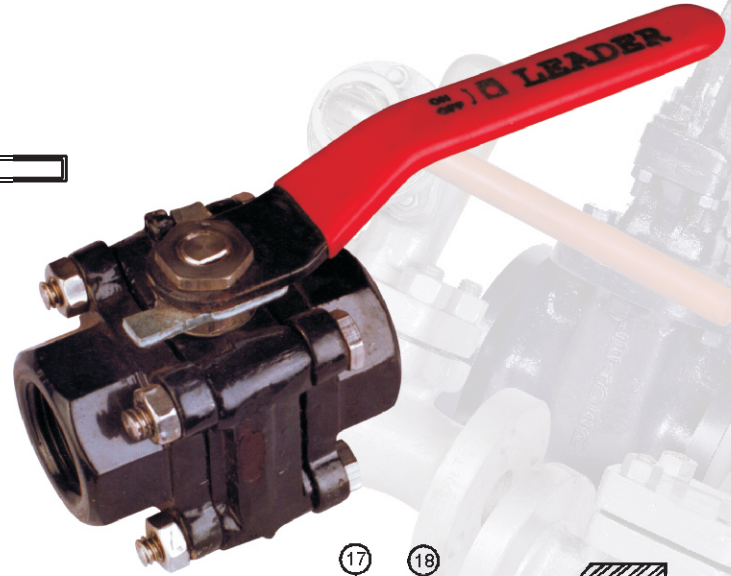
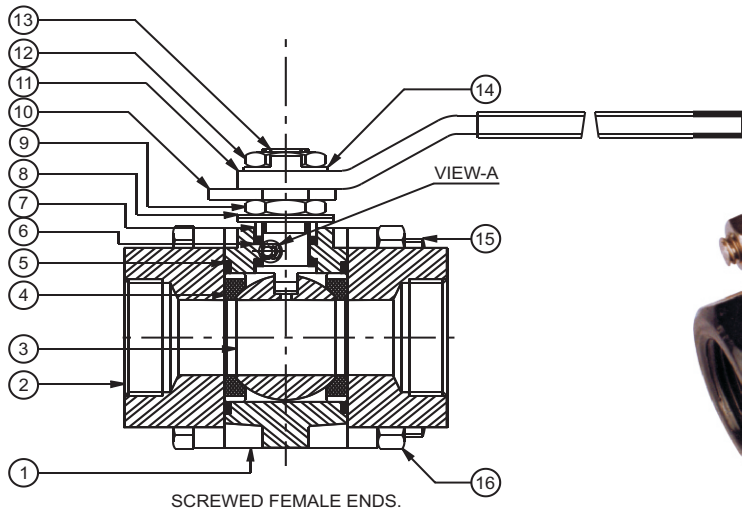




FORGED STEEL BALL VALVES- BSEN ISO 17292, ASME B16.34 (Fire Safe)

SPECIFICATIONS: Three Piece, Full Bore/Reduced Bore Design, Blow out proof stem & floating ball design.



NOTES :

- 1) UNLESS OTHERWISE SPECIFIED, SOCKET WELD ENDS SHALL CONFIRM TO BSEN ISO 17292 TABLE-5.
- 2) PLEASE FOLLOW LATEST YEAR FOR STANDARD.

STANDARD MATERIAL COMBINATION

P.NO.	DESCRIPTION	MATERIALS	SPECIFICATIONS
1.	BODY	F.C.S.	ASTM A 105
2.	PIPE CONNECTOR	F.C.S.	ASTM A 105
3.	BALL	S.S./C.S.S.	ASTM A 276 TYPE 304/ ASTM A 351 CF8
4.	SEAT	VIRGIN UNIFILLED OIL FREE PTFE	
5.	BODY SEAL	VIRGIN UNIFILLED OIL FREE PTFE	
6.	STEM & GLAND SEAL	VIRGIN UNIFILLED OIL FREE PTFE	
7.	GLAND	S.S.	ASTM A 276 TYPE 304
8.	BELLEVILLE WASHER	SPRING STEEL	ZINC PLATED
9.	STEM NUT	S.S.	ASTM A 276 TYPE 304
10.	STOPER PLATE	CARBON STEEL	IS 2062
11.	LEVER (ZINC PLATED)	CARBON STEEL PLATE WITH PLASTIC SLEEVE	
12.	LEVER NUT	S.S.	ASTM A 276 TYPE 304
13.	STEM	S.S.	ASTM A 276 TYPE 304
14.	LOCKING WASHER	CARBON STEEL	IS 2062
15.	BOLTS/STUDS	ALLOY STEEL	ASTM A 193 Gr. B7
16.	NUTS	H.T. STEEL	ASTM A 194 Gr,2H
17.	ANTISTATIC BALL	S.S.	TYPE 316
18.	SPRING	S.S.	TYPE 316

Body Material Combination with CF3, CF3M, CF8, CF8M, (Investment Casting) also provided.

Valves can be supplied in other MOC's on request:-
SS (ASTM A 182 Gr.F304H/ F321) , DSS (ASTM A 182 Gr.F50 /F51/ F53/F55)



FORGED STEEL BALL VALVES/FIRE SAFE- BSEN ISO 17292, ASME B16.34

TRIM MATERIAL COMBINATION (ON REQUEST)

Trim No.	Seat Ring Face	Wedge Seat Face	Stem	Backseat Bush	Lantern Ring
1	F6a/13%Cr.	F6a/13%Cr.	F6a/AISI410	F6a/AISI410	F6a/AISI410
2	F304	F304	F304/AISI304	F304/AISI304	F304/AISI304
5	STELLITE	STELLITE	F6a/AISI410	F6a/AISI410	F6a/AISI410
8	STELLITE	F6a/13%Cr.	F6a/AISI410	F6a/AISI410	F6a/AISI410
9	MONEL	MONEL	MONEL	MONEL	MONEL
10	F316	F316	F316/AIS1316	F316/AIS1316	F316/AIS1316
12	316+STELLITE	316	F316/AIS1316	F316/AIS1316	F316/AIS1316
13	ALLOY 20	ALLOY 20	ALLOY 20	ALLOY 20	ALLOY 20

NOTE: Other Trim Combination can be provided as Trim Material Combination.

•All dimensions in mm

DIMENSIONAL DATA CLASS - 800 (REDUCED BORE)

DN	L	b	H	NPT	LL	SWE ^{+0.5} / _{-0.0}	(Min.) D	Aprox. Wt.⚡
15mm	60	9.5	80	1/2"	165	21.8	11	0.7
20mm	70	12.5	82	3/4"	165	27.4	14	0.75
25mm	85	19	103	1"	180	34.1	14	1.44
32mm	95	25	112	1 1/4"	180	42.9	14	2.6
40mm	110	32	118	1 1/2"	230	49	14	3.15
50mm	120	40	122	2"	272	61	17	3.285

NOTE: The above data is subject to change without notice due to our continuing product improvement program. (⚡WEIGHT GIVEN IN KGS)

TEST PRESSURES

CLASS	SHELL TEST (HYDROSTATIC)		SEAT TEST			
			HYDROSTATIC		PNEUMATIC	
800	207 Bar	3003 Psi g	152 Bar	2205 Psi g	6.9 bar	100 Psi g