

TWO PIECE FLANGE END BALL VALVE

FULL BORE · SOFT SEATED · INVESTMENT CAST · CLASS 150

Design and Manufacturing : BS EN ISO 17292 (CLASS 150)

Inspection and Testing : ISO 5208 / API 598

Face to Face Standard : ASME B16.10

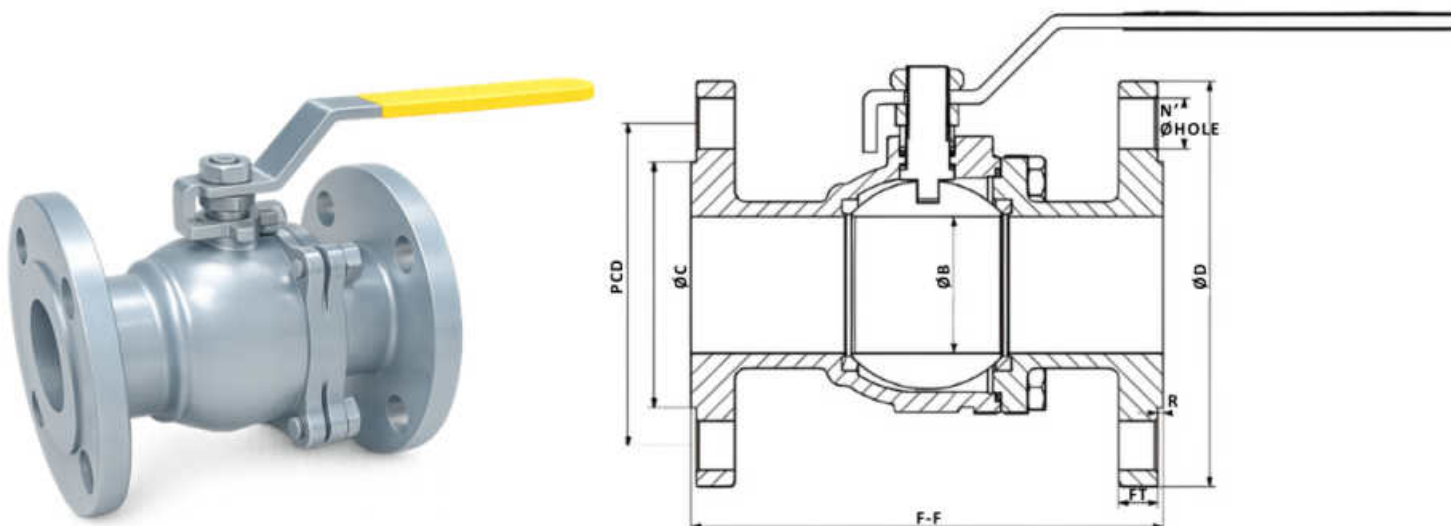
Closer Member : Solid / Hollow Ball

Flange Standard : ASME B16.5

Structure Feature : 2 Piece, Soft Seated, Investment Casting, Full Bore

Shell Materials : WCB, LCB, CF8, CF3, CF8M, CF3M, Duplex, Super Duplex, etc.

Special Features : Locking Arrangement, Mounting Pad, Antistatic, stem extension, fire-safe, pneumatic operated, etc.



Dimension Chart (mm)

SIZE		F/F (±1.5)	ØB	FT (Min.)	ØD	ØC	R	FLANGE DRILLING		
MM	INCH							PCD	ØHOLE	N of H
15	1/2"	108	13	7.9	89	35.1	1.8	60.5	15.9	4
20	3/4"	117	19	8.6	99	42.9	1.8	69.8	15.9	4
25	1"	127	25	9.7	108	50.8	1.8	79.2	15.9	4
32	1 3/4"	140	32	11.2	117	63.5	1.8	88.9	15.9	4
40	1 1/2"	165	38	12.7	127	73	1.8	98.6	15.9	4
50	2"	178	50.5	14.2	152	91.9	1.8	120.6	19.1	4
65	2 1/2"	191	64	15.7	178	104.6	1.8	139.7	19.1	4
80	3"	203	76	17.5	190	127	1.8	152.4	19.1	4
100	4"	229	101	22.4	229	157.2	1.8	190.5	19.1	8
150	6"	267	151	23.9	279	215.9	1.8	241.3	22.22	8

THREE PIECE FLANGED END BALL VALVE

FULL BORE • LEVER OPERATED • INVESTMENT CAST • CLASS 150

Design & Manufacturing: BS EN ISO 17292 (Class 150)

Inspection & Testing: ISO 5208 / API 598

Face to Face: ASME B16.10

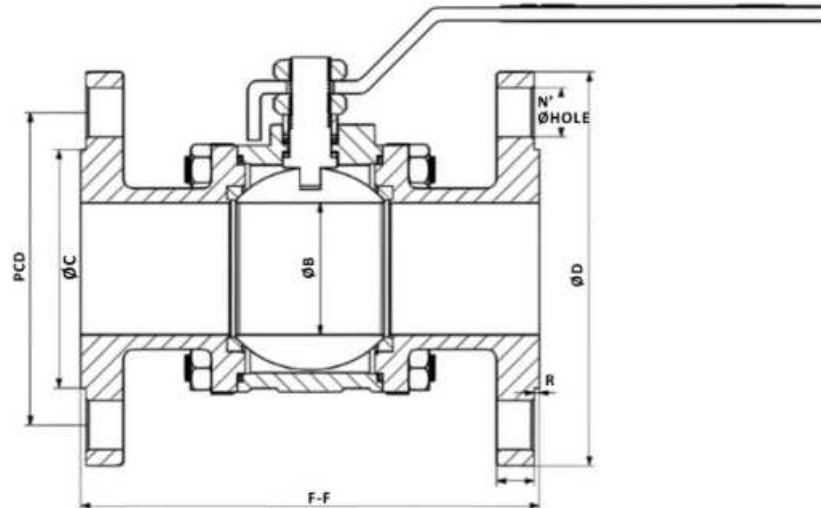
Closure Member: Solid / Hollow Ball

Flange Standard: ASME B16.5

Structure: 3-piece, soft seated, lever operated, investment casting, full bore

Shell Materials: WCB, LCB, CF8, CF3, CF8M, CF3M, Duplex, Super Duplex, etc.

Special Features: Locking arrangement, mounting pad, antistatic, stem extension, fire-safe, pneumatic operated.



Dimension Chart (mm)

SIZE		F/F (±1.5)	ØB	FT (Min.)	ØD	ØC	R	FLANGE DRILLING		
MM	INCH							PCD	ØHOLE	N of H
15	1/2"	108	13	7.9	89	35.1	1.8	60.5	15.9	4
20	3/4"	117	19	8.6	99	42.9	1.8	69.8	15.9	4
25	1"	127	25	9.7	108	50.8	1.8	79.2	15.9	4
32	1 3/4"	140	32	11.2	117	63.5	1.8	88.9	15.9	4
40	1 1/2"	165	38	12.7	127	73	1.8	98.6	15.9	4
50	2"	178	50.5	14.2	152	91.9	1.8	120.6	19.1	4
65	2 1/2"	191	64	15.7	178	104.6	1.8	139.7	19.1	4
80	3"	203	76	17.5	190	127	1.8	152.4	19.1	4
100	4"	229	101	22.4	229	157.2	1.8	190.5	19.1	8
150	6"	267	151	23.9	279	215.9	1.8	241.3	22.22	8

SCREWED END BALL VALVES

ONE-PIECE • THREE-PIECE • SOFT SEATED • FULL BORE • CLASS 150

Design and Manufacturing : BS EN ISO 17292-1 (CLASS 150)

Inspection and Testing : ISO 5208 / API 598

Face to Face Standard : As per Manufacturer's Standard

Screwed End Standard : ASME B1.20.1 (NPT/BSP/BSPT)

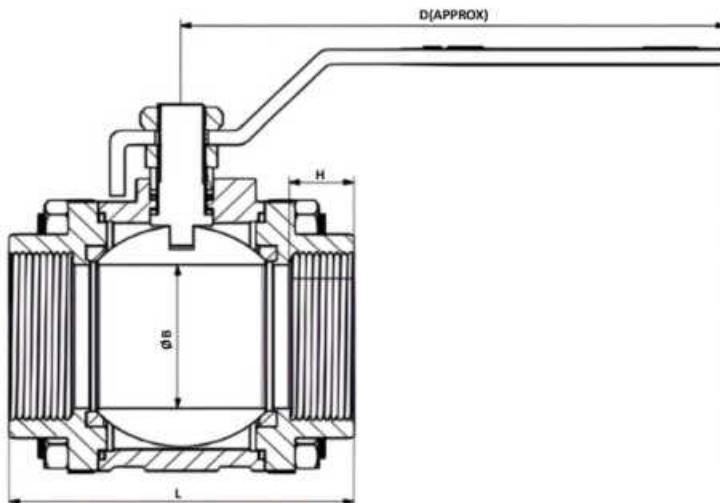
Socket weld End Standard : ASME B16.11

Closer member : Solid / Hollow Ball

Structure Feature : 3 Piece, Soft Seated, Lever Operated, Investment Casting, Full Bore

Shell Materials : WCB, LCB, CF8, CF3, CF8M, CF3M, Duplex, Super Duplex, etc.

Special Features : Locking Arrangement, Mounting Pad, Antistatic, Stem Extension, Fire safe, Pneumatic Operated, etc.



SIZE		L (±3)	ØB (Min.)	D (Approx)	H (Min.)
MM	INCH				
15	1/2"	63	13	115	14
20	3/4"	72	19	115	15.5
25	1"	87	25	142	20
40	1 1/2"	114	38	170	18.25
50	2"	132	50.5	170	23
65	2 1/2"	142	64	240	25.5
80	3"	158	76	270	26

ONE-PIECE SCREWED END

Design and Manufacturing : BS EN ISO 17292-1 (CLASS 150)

Inspection and Testing : ISO 5208 / API 598

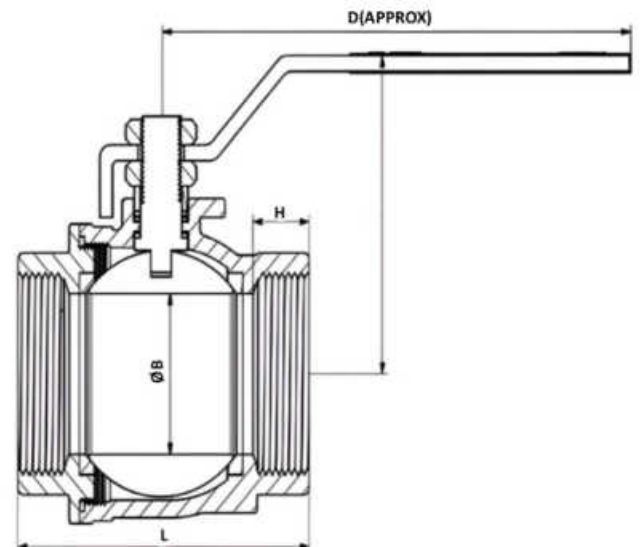
Face to Face Standard : As per Manufacturer's Standard

Screwed End Standard : ASME B1.20.1 (NPT/BSP)

Closer member : Solid / Hollow Ball

Structure Feature : 1 Piece, Soft Seated, Lever Operated, Investment Casting, Full Bore

Shell Materials : WCB, LCB, CF8, CF3, CF8M, CF3M, Duplex, Super Duplex, etc.



SIZE		L (±3)	ØB (Min.)	C (±3)	D (Approx)	H (Min.)
MM	INCH					
15	1/2"	58	13	47	115	13.5
20	3/4"	68	19	55	115	15
25	1"	76	25	70	142	16.5
40	1 1/2"	98	38	95	170	17.8
50	2"	116	50.5	105	170	21

FORGED STEEL THREE PIECE BALL VALVE

Full bore • Lever operated • Forged steel • Class 600 & 800

Design and Manufacturing : BS EN ISO 17292 (CLASS 600 & 800)

Inspection and Testing : BS EN 12266-1/ISO 5208-A/API 598

Face to Face Standard : As per Manufacturer's Standard

Screwed End Standard : ASME B1.20.1 (NPT/BSP/BSPT)

Socket weld End Standard : ASME B16.11

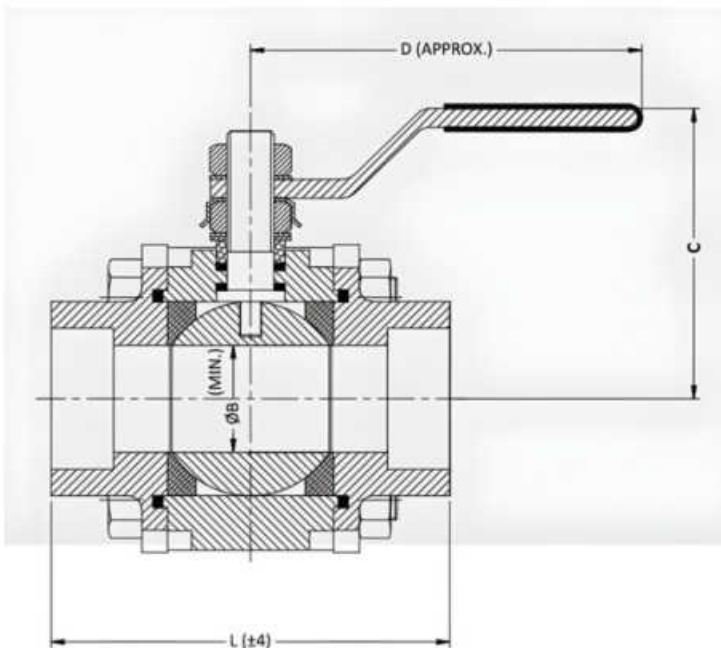
Butt weld End Standard : ASME B 16.25

Closer member : Solid Ball

Structure Feature : 3 Piece, Soft Seated, Lever Operated, Forged steel, Reduced Bore, Full Bore

Shell Materials : A105, F304/L, F316/L, F51, F55, F60, etc.

Special Features : Locking Arrangement, Antistatic, Stem Extension, Fire safe, Nipple Extension, Position Indicator, etc



BALL VALVE SOCKET/SCREWED DIMENSION CHART

CLASS 600/800 REDUCED BORE						
SIZE		L (±3)	ØB (Min)	C	D	WT (KG)
MM	INCH					
15	1/2"	68	10	38	128	0.7
20	3/4"	73	14	40	128	1
25	1"	96	20	53	155	1.9
40	1 1/2"	116	30.5	75	200	3.3
50	2"	128	37.3	80	200	4.7

CLASS 600/800 FULL BORE						
SIZE		L (±3)	ØB (Min)	C	D	WT (KG)
MM	INCH					
15	1/2"	73	14	40	128	1
20	3/4"	96	20	53	155	1.9
25	1"	103	25	56	165	2.5
40	1 1/2"	128	37.3	80	200	4.7
50	2"	142	50	90	200	6.5