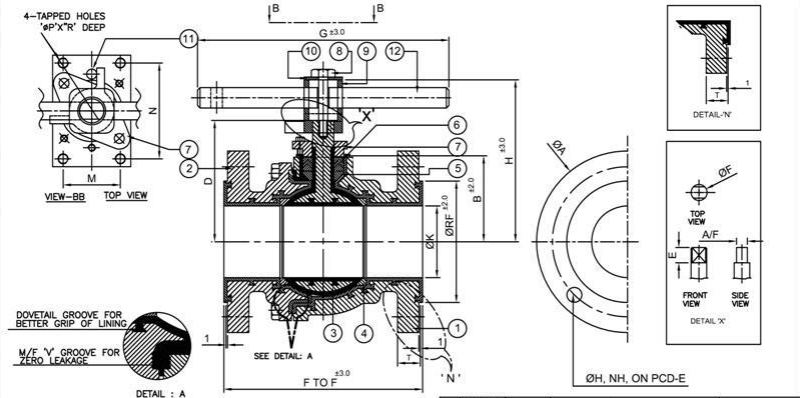

DIMENSIONAL SPECIFICATION
(1) ALL DIMENSIONS ARE IN m.m.
(2) FACE TO FACE DIMENSIONS ARE AS PER ANSI B16.10
(3) FLANGE DIMENSIONS ARE AS PER ANSI B16.5,150#

DATE	REVISION	DESCRIPTION	REVISED BY	CHECKED BY	APPROVED BY

DWN.	ANILBHAI PRAJAPATI	11.07.14	PROJECTION
CHKD			TITLE: FULL PORT / PFA LINED BALL VALVE ASA 150 #
APPD			SCALE: N.T.S. SHEET: 1OF2
ALL DIMENSION ARE IN MM.			
UNLESS SPECIFIED TOLERANCE :			00
BRAKE SHARPE EDGE & REMOVE ALL BURRS.			

DIP-FLOW ENGINEERING & CO.

DRG NO: DFE /15814

REF. No.: REV. No.: 05

DIMENSIONAL TABLE :-

SR. NO.	SIZE (mm)	ØK	±3.0 F TO F	ØA	±2.0 ØRF	T	ØH	NH	PCD-E	±2.0 B	±3.0 G	±3.0 H	D	E	ØF	A/F	M	N	ØP	R	TORQUE (Nm)	WEIGHT (kg)	LINING THK (mm)	QTY
1	15	15.0	108.0	90.0	34.9	11.1	16.0	4	60.3	40.0	225	86.5	61.0	6.0	11.0	7.0	18	50	M5	6	–	2.15	4.0	–
2	20	19.6	117.0	100.0	42.9	12.7	16.0	4	69.9	48.0	225	92.0	66.0	6.0	12.7	8.0	18	50	M5	6	09	3.10	4.0	–
3	25	24.6	127.0	110.0	50.8	14.3	16.0	4	79.4	50.0	225	99.5	74.5	6.7	12.7	8.0	18	50	M5	6	20	3.75	4.2	–
4	40	40.5	165.0	125.0	73.0	17.5	16.0	4	98.4	61.0	325	125.5	92.0	8.5	15.9	11.0	35	68	M6	9	40	6.75	4.2	–
5	50	50.7	178.0	150.0	92.0	19.0	19.0	4	120.7	71.0	450	135.5	102.0	8.5	15.9	11.0	35	68	M6	9	55	9.75	4.5	–
6	65	57.0	191.0	180.0	104.8	22.2	19.0	4	139.7	83.0	450	146.5	113.0	8.5	15.9	11.0	35	68	M6	9	70	14.00	4.5	–
7	80	74.5	203.0	190.0	127.0	23.8	19.0	4	152.4	92.0	450	166.0	127.0	11.0	21.9	14.8	46	85	M8	11	89	19.50	4.5	–
8	100	97.0	229.0	230.0	157.0	23.8	19.0	8	190.5	113.5	750	204.5	151.0	11.5	28.0	16.0	46	85	M8	12	175	31.00	5.0	–
9	150	145.0	267.0	280.0	215.9	25.4	22.2	8	241.3	160.0	–	–	218.7	13.0	32.0	19.0	76	126	M12	18	510	–	5.0	–
10	200	190.0	292.0	345.0	269.9	28.6	22.2	8	298.4	216.0	–	–	260.0	19.0	40.0	25.0	76	126	M14	15	600	–	5.0	–

BILL OF MATERIAL :-

DESCRIPTION	MATERIAL
(1) BODY	SHELL : DI/WCB/S.S. CASTING
	LINING : PFA ASTM– D 3307
(2) END PIECE	SHELL : DI/WCB/S.S. CASTING
	LINING : PFA ASTM– D 3307
(3) BALL/STEM	: STAINLESS STEEL CASTING
	ASTM A 747 Gr CB7 Cu1.
	LINING : PFA ASTM– D 3307
(4) SEAT RING	VIRGIN PTFE
(5) TAPER RING	VIRGIN PTFE
(6) 'V' RING	VIRGIN PTFE
(7) THRUST RING WITH GLAND FOLLOWER	STAINLESS STEEL CF8
(8) FASTNERS	STAINLESS STEEL 304
(9) TOP ADAPTER	STAINLESS STEEL CF8
(10) ADAPTER WASHER	STAINLESS STEEL 304
(11) STOPPER PIN	STAINLESS STEEL 304
(12) LEVER	M.S ROD.

NOTE: – SIZE 150NB & 200NB WORM GEAR OPERATED

TESTING AS PER EN12266-1
(1) VISUAL CHECK. & DIMENSIONAL CHECK.
(2) HYDRO TEST FOR SHELL AT 26 BAR BEFORE & AFTER LINING
(3) HYDRO TEST FOR SEAT LEAKAGE AT 16 BAR AFTER LINING
(4) PNEUMATIC TEST AT 6 BAR FOR SEAT LEAKAGE.
(5) SPARK TEST AT 15 KV FOR ALL LINED PARTS.

* DESIGN STANDARD : BSENISO 17292 : 2004(FORMERLY BS 5351)

DWN.	ANILBHAI PRAJAPATI	11.07.14	PROJECTION
CHKD			TITLE: FULL PORT / PFA LINED BALL VALVE ASA 150 #
APPD			SCALE: N.T.S. SHEET: 2OF2
ALL DIMENSION ARE IN MM.			
UNLESS SPECIFIED TOLERANCE :			00
BRAKE SHARPE EDGE & REMOVE ALL BURRS.			

DIP-FLOW ENGINEERING & CO.

DRG NO: DFE /15814

REF. No.: REV. No.: 05