



PRIMARY SERVICE RATING & TEST PRESSURE			
CLASS	WORKING	HYD. TEST PRESSURE	
	PRESS.	BODY	SEAT
150	150 PSIG	425 PSIG	300 PSIG
AIR TEST - SEAT 80 PSIG ±10 PSIG			TEMP. 38° C

Sr.No.	NOMENCLATURE	Qty	Material
1	BODY	1	ASTM A 351 Gr. CF-8M
2	BODY NUT	1	ASTM A 351 Gr. CF-8M
3	BALL SEAT	2	VIRGIN P T F E
4	STEM	1	AISI S S 316
5	GLAND	1	ASTM A 351 Gr. CF-8
6	BALL	1	ASTM A 351 Gr. CF-8M
7	BRACKET	1	MS FABRICATED
8	MANUAL OVERRIDE	1	CAST IRON (MOR 1)
9	ACTUATOR	1	ALUMINIUM DIE CAST (ECCF 150 E)
10	LIMIT SWITCH	1	NOT IN SCOPE
11	SOLENOID VALVE	1	AL. BODY 3/2 WAY (30318-5-2R-24VDC-37)

DESIGN & MANUFACTURING STD.		BS EN ISO 17292 / BS 5351 / API 6 D
TESTING & INSPECTION STD.		BS EN 12266 / BS 6755 PART 1 / API 598 / API 6 D
FACE TO FACE		MANUFACTURERS STD
END CONNECTIONS		FLANGED AS PER ANSI B 16.5

VALVE SIZE	ØA	B	C	D	L	H	SPINDLE SQ.	P C D OF MOUNTING PAD	NO. OF HOLES ON MOUNTING PAD
80X50	50	3" ASA 150	2" ASA 150 #	88	130	138	14	70	4 NOS X 9Ø
50X40	38	2" ASA 150	1.5" ASA 150 #	84	110	150	12	70	4 NOS X 9Ø
100 X 80	76	4" ASA 150	3" ASA 150 #	122	178	194	22	100	4 NOS X 9Ø

CLIENT	
P.O./ENQ. No.	

**Industrial Valves & Equipment**  
 Thane - 401105

DRN: KAM. CHKD: APPD: REV DATE

TITLE: **ACTUATED FLUSH BOTTOM BALL VALVE FLANGED ENDS**

ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED

SCALE DWG.No. N.T.S. IVE-010

SHEET 1 OF 1