

1		2		3		4		5		6		7		8			
FIRST / THIRD ANGLE PROJECTION				DO NOT SCALE ASK IN CASE OF DOUBT				REMOVE ALL BURRS & SHARP EDGES									
MATERIALS OF CONSTRUCTION																	
ITEM		DESCRIPTION		MATERIAL		SPECIFICATION											
1		BODY		CAST IRON		IS:210 Gr. FG-200											
2		DISC (Epoxy Coating)															
3		RACHET		C.I. / M.S.		IS:210 / IS:2062											
4		LEVER															
5		LINING/SEATING		NITRILE/EPDM RUBBER		-											
6		SHAFT 'O' RING															
7		SHAFT		STAINLESS STEEL		AISI-410											
8		PIN		STAINLESS STEEL		AISI-304											
9		BUSH		L.T. BRONZE		IS:318 Gr. 2											
10		BOLTS & NUTS		CARBON STEEL		IS:1367											
11		WORM GEAR UNIT		MFR'S STD.		-											
12		HAND WHEEL		C.I. / FAB. STEEL		IS:210 / IS:2062											
13		INDICATOR		MFR'S STD.		-											
HYDROSTATIC TEST PRESSURE :-																	
BODY TEST PRESSURE :- 15 Kg./Sq.Cm.(g) WITH WATER DURATION 5 MIN.																	
SEAT TEST PRESSURE :- 10 Kg./Sq.Cm.(g) WITH WATER DURATION 2 MIN.																	
NOTES																	
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.																	
2. THE WAFER TYPE RUBBER LINED TIGHT SHUT-OFF DESIGN BUTTERFLY VALVES AS PER IS:13095/91 (MANUALLY OPERATED)																	
3. FACE TO FACE DIMENSIONS GIVEN AS COMPRESSED CONDITION AFTER INSTALLATION, RUBBER LINING EXTENDED OVER THE FLANGE FACE 2-3MM WHICH ACTS AS RUBBER GASKET.																	
4. THE VALVES SUITABLE FOR FITMENT BETWEEN MATCHING FLANGES AS PER IS/BS/ANSI OR ANY OTHER STD.																	
5. BODY LINING/SEATING MAY BE INTEGRALLY MOULDED. (REPLACIBLE)																	
6. VALVES SHOULD CLOSED WITH CLOCKWISE TURN OF LEVER OPERATION																	
7. THE LUG HOLES IS PURPOSE FOR BOLTS / STUDS TO PASS ACROSS THE VALVE FOR TIGHTENING IN BETWEEN FLANGES, AND IT IS MADE OVAL SHAPE FOR ADJUSTMENT OF BOLT CIRCLE DIA.																	
8. EXTERNAL SURFACES OF VALVE SHALL BE PAINTED WITH ONE COAT OF ZINC BASE PRIMER AFTER COMPLETELY CLEANING THE SURFACE & THEN IT SHALL BE COATED WITH TWO COATS OF BLACK BITUMINOUS PAINT.																	
9. MARKING:- BRAND NAME/ SIZE/ RATING/ HEAT NO. & SL. NO.																	
10. SCOPE OF INSPECTION :- i) DIMENSIONAL & VISUAL ii) HYDRO TEST FOR BODY & SEAT iii) MATERIALS TEST REPORT (PHYSICAL & CHEMICAL)																	
CLIENT'S REF.		PROJECT															
		P.O. NO.															
		CONTRACTOR															
		PURCHASER															
		INSPECTION															
										2011		INITIAL		DATE		SIGNATURE	
										DRAWN		S.K.S.		02.08.11		S.K.S.	
										CHECKED		C.R.M.		02.08.11		C.R.M.	
										APPROVED		P.R.		03.08.11		P.R.	
										DURGA VALVES PRIVATE LIMITED		JOB		DOSHION-9033		F	
										ICHAPUR ROAD, CANAL SIDE, HOWRAH-4 (W.B.)		9033		SCALE : N.T.S.			
TITLE : CAST IRON WAFER TYPE BUTTERFLY VALVE																	
(MOTOR ACTUATED WITH MANUAL OVERRIDE)																	
DRAWING No. : DVPL/CI/M-BFV/4562														REV. 0			
REFERENCE DRAWING																	
REVISION																	
0																	
-																	
SKS																	
15/03/06																	
ISSUED FOR APPROVAL																	
REV																	
ZONE																	
APPVD BY																	
DATE																	
PARTICULARS																	