

DURGA VALVES PVT LTD Howrah - 711104 (An ISO-9001 Company)		REF. No. :		
		Contractor:		
SI. NO.	DESCRIPTION	DETAILS		
1	TAG / SERIAL NO.	-		
2	TYPE OF VALVE	BUTTERFLY VALVE THIGHT SHUT OFF (Electrical Operated)		
3	MAKE	'DURGA'		
4	STANDARD	IS:13095/ BS:5155/ AWWA-C504		
5	SIZE			
6	QTY.			
7	PRESSURE RATING	PN-0.4		
8	END CONNECTION	Flanged ends drilled as per IS 1538		
MATERIAL OF CONSTRUCTION				
9	BODY	CAST STEEL to ASTM A 216 Gr. WCB / IS 1875		
10	DISC	CAST STEEL to ASTM A 216 Gr. WCB / IS 1875		
11	HAND WHEEL/GLAND/ END COVER	C.I. / Fabricated Steel		
12	WORM GEAR UNIT& SPUR GEAR UNIT	Mfg. Std.		
13	BUSHES	G.M. / Steel backed PTFE		
14	THRUST PAD	G.M.		
15	PACKING (Rubber "O" Ring)	Nitrile Rubber (Shore Hardness 55'- 65'A)		
16	BODY SEAT RING	S.S. 13% Cr.		
17	SEAL RETAINER RING	S.S. to AISI-304 / IS6603		
18	SHAFT	S.S. to AISI-410 / IS 6603		
19	DISC SEAL	Nitrile Rubber (Shore Hardness 55'- 65'A)		
20	INTERNAL FASTENERS	S.S. to AISI-304 / IS 6603		
21	STOPPERLOCK	M.S. to IS: 2062 Gr. A		
22	EXTERNAL FASTENERS	Carbon Steel to IS:1367		
23	ACTUATOR/MANUAL	'AUMA' / 'ROTORK 'make / WORM GRAR OPERATED		
OTHERS PARTICULARS				
24	PAINTING	One coat of red oxide primer & two coats of synthetic enamel.		
25	MARKING	'Durga'/Size/PN-Rating/Arrow Mark/Heat No. & Sr. No.		
26	OPERATION	ELECTRICAL ACTUATOR		
NOTES : ★ VALVE SHALL BE TIGHT SHUT-OFF CLOSURES FOR FREQUENT OPERATION. ★ VALVES SHOULD CLOSE WITH CLOCKWISE ROTATION OF HAND WHEEL. (In Case of Manual Operation) ★ VALVES SHALL PROVIDED WITH HEAD STOCK ARRANGEMENT WHERE REQUIRED ★ MS COMPANION FLANGES, GASKET, NUTS AND BOLTS SHALL BE PROVIDED Scope Of Inspection : a) Dimensional & Visual b) Performance test c) Hydro test pressure for body & seat to be checked by client d) Internal test report of materials (Physical & Chemical) to be reviewed by client				
		DESIGN	APPD	DATE
16.11.09	For Approval	PREP	DATA SHEET NO.	
DATE	DESCRIPTION	CHKD	DVPL/CSBFV/1400/09	REV 0