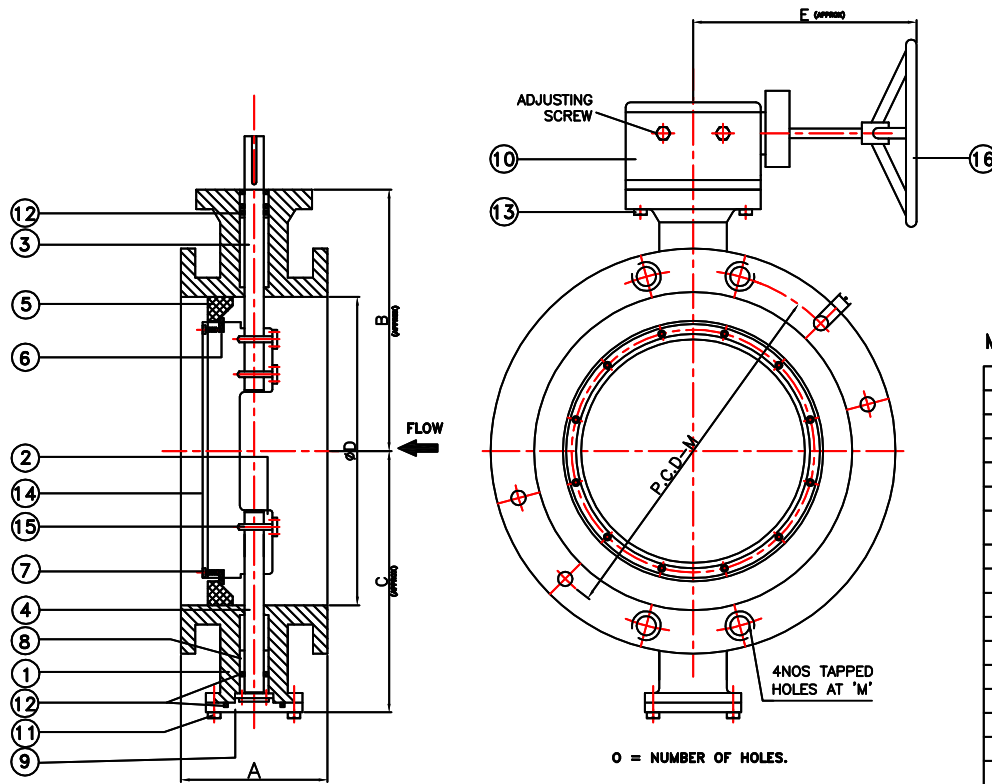




ALLWYN ENTERPRISE

UNIT-1:31,SHAYONA ESTATE , NEAR VADILAL ICE FACTORY,
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DRN MASUM	DATE 30/08/2011	
DOUBLE FLANGED ECCENTRIC TYPE BUTTERFLY VALVE.		
DRG. NO : AE/DF-BFV-G/350-1600		



MATERIAL OF CONSTRUCTION

NO	DESCRIPTION	QTY	MATERIAL
1	BODY	1	M.S FABRICATED
2	DISC	1	SG/WCB/S.S 304/316
3	STEM UPPER	1	SS 410/304/316
4	STEM LOVER	1	SS 410/304/316
5	BODY SEAT	1	SS 304/316
6	SEALING RING	1	NITRILE/E.P.D.M./SILICON VITON/HYPALON
7	HEX.SOC.HD.CAP. SCREW	1	SS 304/316
8	LOWER STEM BEARINGS	1	BEARING
9	BOTTOM CAP	1	STEEL
10	GEAR BOX	1	CI HOUSINGS
11	HEX. SCREW	1SET	STEEL
12	'O' RING	4	NITRILE
13	HEX. SCREW & SP.WASHER	4SET	STEEL
14	DISC CLAMPING RING	1	SS 304/316
15	HEX BOLT	3	SS 304
16	HAND WHEEL	1	M.S.FABRICATED

NOTE : ALL DIMENSION ARE IN MM.

SIZE		A	B	C	D	E
MM	INCH					
350	14"	190	320	308	355	268
400	16"	216	360	343	404	263
450	18"	222	390	373	454	312
500	20"	229	420	408	504	359
600	24"	267	500	464	606	463
700	28"	292	565	532	706	430
800	32"	318	630	650	806	615
900	36"	330	695	735	908	930
1000	40"	410	745	765	1008	930
1200	48"	470	855	880	1210	645
1400	56"	530	990	1015	1410	930
1600	64"	600	1070	1190	1610	735

NOTE :-

- LAYING LENGTH 'A' CONFORMS TO EN 593 (BS : 5155) DOUBLE FLANGE SHORT OTHER DIMENSIONS AND WEIGHTS ARE INDICATIVE.
- NEOPRENE & EPDM SELL RING CAN ALSO BE PROVIDED. PTFE SEAL RING NOT AVAILABLE.
- FOR VITON & SILICON SEAT .Pr.RATING PN 6 & PN 2.5
- ALL DIMENSION ARE IN mm.

NOTE:-M,N,O AS PER REQUIREMENT

M = _____
N = _____
O = _____

SEAT TEMPERATURE RANGE

SEAT TYPE	TEMPERATURE RANGE	
	Min.	Max.
NITRILE	-13°F(-25°C)	212°F(100°C)
EPDM	-13°F(-25°C)	250°F(120°C)
SILICON	-58°F(-50°C)	356°F(180°C)
VITON	-23°F(-5°C)	392°F(200°C)
HYPALON	-4°F(-20°C)	250°F(120°C)

TESTING

SIZES	RATING	HYDROSTATIC SHELL TEST		HYDROSTATIC SEAT TEST	
		Kg/CM2	PSI	Kg/CM2	PSI
350 TO 600	PN10	15	210	10	140
700 TO 1600	PN6	9	126	6	84
	PN2.5	3.75	52.5	2.5	35

CONFORMITY TO CODES & STANDARDS

- GENERAL DESIGN & MANUFACTURE :- BS 5155 / API 609 / EN 593 / IS 13095 / MSS SP67
- VALVE FACE TO FACE DIMENSION :- BS 5155 / ISO 5752 / API 609
- TOP FLANGE DRILLING :- ISO 5211
- VALVE INSPECTION & TESTING :- BS 6755 Part - I / API 598 / EN 12266-1
- FLANGE STANDARD CONFORMITY :- ANSI 150 / ANSI 125 / BS 10 TAB D & E
IS 6392 NP 0.6 / 1.0 / 1.6

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