

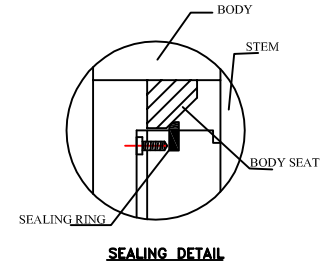
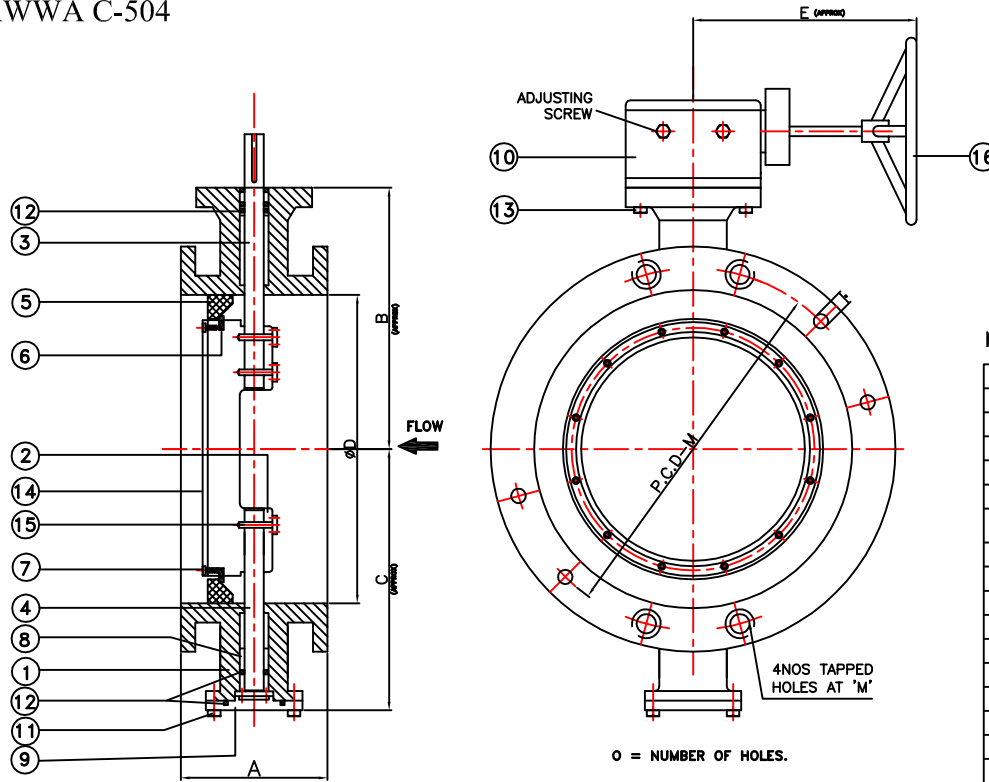


ALLWYN ENTERPRISE

UNIT-1:31,SHAYONA ESTATE , NEAR VADILAL ICE FACTORY,
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DRN MASUM	DATE 05/09/2011	
DOUBLE FLANGED ECCENTRIC TYPE BUTTERFLY VALVE.		
DRG. NO : AE/DF-BFV-G/350-1600		

AWWA C-504



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

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

NOTE : ALL DIMENSION ARE IN MM.

DIMENSION AS PER AWWA C-504

SIZE		A	B	C	D	E
MM	INCH					
350	14"	203	320	308	355	268
400	16"	203	360	343	404	263
450	18"	203	390	373	454	312
500	20"	203	420	408	504	359
600	24"	203	500	464	606	463
700	28"	305	565	532	706	430
800	32"	305	630	650	806	615
900	36"	305	695	735	908	930
1000	40"	305	745	765	1008	930
1200	48"	381	855	880	1210	645
1400	56"	381	990	1015	1410	930
1600	64"	457	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 = _____

CONFORMITY TO CODES & STANDARDS

- GENERAL DESIGN & MANUFACTURE :- AWWA C-504
- VALVE FACE TO FACE DIMENSION :- AWWA C-504
- TOP FLANGE DRILLING :- ISO 5211
- VALVE INSPECTION & TESTING :- AWWA C-504
- 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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