

PT. NO.	PART NAME	MATERIAL
01	BODY	CI/DI/WCB/WC6/CF8/CF8M
08	GATE	410 / 304 / 316
14	STEM	410 / 304 / 316
24	ANTI EXTRUSION RING	RPTFE
35	GLAND PACKING	BRAIDED GRAPHITE / PTFE
07	SEAT RING	EPDM/NBR/NEO/PTFE/RPTFE/METAL
41	YOKE	WCB / CF8
43	YOKE SLEEVE	Ni - RESIST
47	GLAND	DI / WCB / CF8 / CF8M
48	HANDWHEEL	WCB
65	STUD	STEEL (Zn. PLATED)/A193 Gr. B8
66	HEX. NUT	STEEL (Zn. PLATED)/A194 Gr. 8
71	HEX. SCREW	STEEL (Zn. PLATED)/A193 Gr. B8
87	THRUST WASHER	BRASS
91	DEFLECTION CONE	Ni-HARD / 316 / POLYURETHANE
36	GASKET- DEFLECTION	NON ASBESTOS

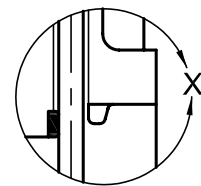
OTHER MATERIALS ON REQUEST

NOTES :

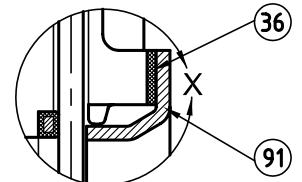
- DESIGN STD. : MSS SP-81
- TESTING STD. : MSS SP-81
- F TO F : MSS SP-81
- DRILLING STD. : i.) ANSI B16.5 CL.150
: ii.) PN16 & PN10
: iii.) BS:10 TABLE-D & E
- LEAKAGE CLASS :
i.) SOFT SEAT : VI (BUBBLE TIGHT SHUT OFF)
ii.) METAL SEAT : 40ml/min/in (1.6ml/min/mm)
FOR CS/AS/SS VALVES ONLY
- FLOW : UNIDIRECTIONAL ONLY

* APPROX

VALVE SIZE		DIMENSIONAL DATA IN mm.					WT-kgs.*
IN	mm	A	B	ØC	ØD		
2"	050	48	325	200	92.1	7	
2 1/2"	065	48	375	200	104.8	8	
3"	080	51	410	200	127.0	10	
4"	100	51	500	200	157.2	12	
5"	125	57	590	250	185.7	16	
6"	150	57	650	250	215.9	20	
8"	200	70	825	300	269.9	28	
10"	250	70	950	400	323.8	42	
12"	300	76	1200	400	381.0	56	
14"	350	76	1350	400	412.8	77	
16"	400	89	1440	500	469.9	104	
18"	450	89	1625	500	533.4	126	
20"	500	114	1800	500	584.2	196	
24"	600	114	2100	500	692.2	248	
30"	750	117	(G.O)	(G.O)	857.3	(G.O)	



METAL SEAT OPTIONAL
13% Cr./304/316/STELLITE-6



DEFLECTION CONE (SOFT & METAL)
OPTIONAL

TEST PRESSURE, bar		
VALVE SIZE	DN 50 TO DN 600	DN 750
RATING	PN 10	PN 6
HYD.	SHELL	15
	SEAT	11
		9.0
		6.6

CUSTOMER _____
ORDER NO. _____
JOB/PROJECT _____

MANUFACTURED BY : B.D.K. ENGINEERING INDUSTRIES LIMITED, HUBLI - 580 030 INDIA

APPROVED :

CHECKED : *M.P. Chhabra*

DRAWN : *Anand*

FOR RECORD

FOR APPROVAL