

PT. NO.	PART NAME	MATERIAL
01	BODY	CI/DI/WCB/WC6/CF8/CF8M
08	GATE	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
47	GLAND	DI / WCB / CF8 / CF8M
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
90	AIR CYLINDER	FRP - 'BDK' MAKE
91	DEFLECTION CONE	Ni-HARD / 316 / POLYURETHANE
36	GASKET-DEFLECTION	NON ASBESTOS

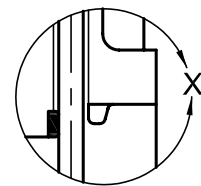
OTHER MATERIALS ON REQUEST

**NOTES :**

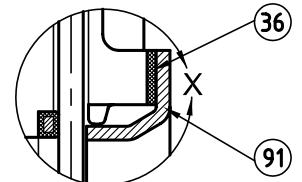
1. DESIGN STD. : MSS SP-81
2. TESTING STD. : MSS SP-81
3. F TO F : MSS SP-81
4. DRILLING STD. : i.) ANSI B16.5 CL.150  
: ii.) PN16 & PN10  
: iii.) BS:10 TABLE-D & E
5. LEAKAGE CLASS :  
i.) SOFT SEAT : VI (BUBBLE TIGHT SHUT OFF)  
ii.) METAL SEAT : 40ml/min/in (1.6ml/min/mm)  
FOR CS/AS/SS VALVES ONLY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

\* APPROX

VALVE SIZE		DIMENSIONAL DATA IN mm.					
IN	mm	A	B	ØD	E	CYLINDER x STROKE	WT-kgs*
2"	050	48	375	92.1	152	4" x 65	14
2 1/2"	065	48	425	104.8	152	4" x 75	17
3"	080	51	460	127.0	152	4" x 85	18
4"	100	51	575	157.2	152	4" x 110	22
5"	125	57	660	185.7	178	5" x 135	35
6"	150	57	760	215.9	203	6" x 165	42
8"	200	70	930	269.9	254	8" x 215	57
10"	250	70	1125	323.8	305	10" x 270	94
12"	300	76	1350	381.0	356	12" x 325	117
14"	350	76	1500	412.8	432	14" x 375	170
16"	400	89	1650	469.9	483	16" x 425	220
18"	450	89	1850	533.4	533	18" x 475	372
20"	500	114	1925	584.2	610	20" x 530	440
24"	600	114	2100	692.2	610	20" x 635	570
30"	750	117	2400	857.3	610	20" x 790	1080



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 :

FOR APPROVAL

FOR RECORD

FOR APPROVAL

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