



NOTE : ALL DIMENSIONS ARE IN MM.

SIZE	A	ØB	ØC	ØD	E	F	ØG	H	J APPROX	L APPROX	Weight in kg. APPROX	QTY.
15MM	108	13	35	90	10	04	16	60.3	60	110		--
20MM	117	19	43	100	10.9	04	16	69.9	60	135		--
25MM	127	25	51	110	11.6	04	16	79.4	85	160		166
32MM	140	32	63.5	115	13.2	04	16	89	110	205		--
40MM	165	38	73	125	14.7	04	16	98.4	105	205		12
50MM	178	50	92.1	150	16.3	04	19	120.7	115	225		27
65MM	190.5	65	105	180	17.9	04	19	139.7	135	265		29
80MM	203	76	127	190	19.5	04	19	152.4	165	325		41
100MM	229	102	157.2	230	24.3	08	19	190.5	190	425		08
125MM	254	125	186	255	24.3	08	22.2	215.9	205	425		14
150MM	267	150	216	280	25.9	08	22.2	241.3	225	450		04
200MM	292	202	270	345	29.0	08	22.2	298.5	340	550		06

No.	PARTS NAME	MATERIAL	QTY.
1	BODY	ASTM A-351 Gr. CF3M (SS316L)	1
2	SIDE PIECE	ASTM A-351 Gr. CF3M (SS316L)	1
3	BALL (solid/)	ASTM A-351 Gr. CF3M (SS316L)	1
4	STEM	ASTM A 276 TYPE SS-316L	1
5	GLAND BUSH	ASTM A 276 TYPE SS-316L	1
6	SEAT RING	PTFE	2
7	BODY SEAL	PTFE	1
8	GLAND PACKING	PTFE	2 + 1
9	STUD / NUT	ASTM A 193 GR. B8 / A-194 Gr.8	Reqd.
10	GLAND NUT	ASTM A194 Gr. 3M	1
11	STOPPER PLATE	SS.	1
12	LEVER	STEEL ELECTROPLATED	1
13	LEVER NUT	ASTM A194 Gr. 8	1
14	SLEEVE	PVC	1

MANUFACTUR STANDARD : API 6D / BS EN17292-1

TESTING STANDARD : API 598 / BS EN12266-1

END CONNECTION : FLANGE END As per ASME B 16.5 R/F CLASS-150#

FACE TO FACE STANDARS : ASME B 16.10 CLASS-150#

TEST PRESSURE AND HYDROLYC TEST 150#		Test Duration in sec.	
HYDRO BODY	32 Kg/cm ²	60 sec. up to 2"	120 sec. up to 8"
HYDRO SEAT	23 Kg/cm ²		
AIR TEST	07 Kg/cm ²		

TAG NO. B-208

NOTE : CORRECTION AS PER COMENT IN UNDER LINE ZONE

		Engineers Combine	
		I-18, Sayona Industrial Estate, Near Memco Char Rasta, Naroda Road, Ahmedabad-380025.	
08-07-17	1	REVISED FOR APPROVAL	
DATE	NO.	AMENDMENT / REVISION	
Symbol	Ra Value	Specification	DRN. NAME DATE
~	-	ROUGH	MAH 01-01-17
▽	8 to 25 µm	MEDIUM	TITLE:- CF3M BALL VALVE 2P. DESIGN FB. F/E 150#
▽▽	1.6 to 8 µm	FINE MACHINED	SIZE - 15MM (1/2") TO 150MM (6")
▽▽▽	0.025 to 1.6 µm	FINE GROUND	DRG. NO. DRG. NO.
▽▽▽▽	< 0.025 µm	LAPPED	EC-CF3M-2P-FB.BV-FE-15/150 MATERIAL : SS.316L
		SCALE : NTS	ASTM A-351 Gr. CF3M
		FILE :- E:\ MAH-1\ DRAWINGS\ 2017\ 2P. FE. BLV. 150#	REV. - 0 SHEET - 1 OF 1
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