



BFLON LINED VALVES

TECHNICAL DATA SHEET

BUTTERFLY VALVE (FLUOROPOLYMER / FEP / PFA LINED)

Format No.: MKT/TDS/21-01

Issue No.: 01

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Rev. No. : R0

1 CLIENT :	6 ENQUIRY NO. :
2 CONSULTANT :	7 QUOTATION NO. :
3 PROJECT NAME :	8 DATA SHEET NO. : TDS/LBFVL/
4 PROJECT LOCATION :	9 PIPING CLASS :
5 PROJECT NUMBER :	10 TAG NO. :

PROCESS DATA / APPLICATION

11 FLUID / SERVICE : ***	16 OPERATING TEMPERATURE : ***
12 FLUID DENSITY : *** kg/m ³	17 OPERATING PRESSURE : ***
13 VISCOCITY : *** Cp	18 DESIGN TEMPERATURE : ***
14 SOLID CONCENTRATION : *** wt%	19 DESIGN PRESSURE : ***
15 NATURE OF FLUID : ***	20 MIN. SERVICE TEMPERATURE : ***

TECHNICAL STANDARD AND DESIGN CONSTRUCTION

21 DESIGN STANDARD : API 609 / BS EN 593	27 PRESSURE RATING : 150#
22 TESTING STANDARD : API 598 / BS EN 12266-I	28 LEAKAGE CLASS : CLASS VI (6)
23 END CONNECTION : WAFER TYPE, FLANGELESS	29 MFG. SIZE RANGE : 1-1/2" TO 12"
24 FACE TO FACE : API 609 / BS 5155 / ISO 5752	30 OPERATION : LEVER / GEAR
25 MOUNTING BETWEEN : ASME B 16.5, 150# FLANGES	31 FLOW DIRECTION : BI-DIRECTIONAL
26 TYPE : CENTRE DISC, SANDWICH PATTERN	32 INSTALLATION : HTL / VTL BOTH

MAERIAL OF CONSTRUCTION

PART NAME	MATERIAL			
33 UPPER BODY	A 216 GR WCB	A 395 (DUCTILE IRON)	A 351 GR CF8/CF3	A 351 GR CF8M/CF3M
34 LOWER BODY	(CAST CARBON STEEL)	A 216 GR WCB (C.S.)	(S.S. 304/304L)	(S.S. 316/316L)
35 DISC	WCB/CF8/CF8M	WCB/CF8/CF8M	WCB/CF8/CF8M	WCB/CF8/CF8M
36 SEAT (LINER)	FEP / PFA / PTFE	FEP / PFA / PTFE	FEP / PFA / PTFE	FEP / PFA / PTFE
37 DISC LINING	FEP / PFA	FEP / PFA	FEP / PFA	FEP / PFA
38 ELASTOMER BACKUP	SILICON	SILICON	SILICON	SILICON
39 GLAND PACKING	PTFE	SPRING STEEL	SPRING STEEL	SPRING STEEL
40 DISC SPRING WASHER	SPRING STEEL	A 216 GR WCB (C.S.)	A 351 GR CF8/CF3	A 351 GR CF8M/CF3M
41 HAND LEVER	M.S.	M.S.	M.S.	M.S.
42 FASTENERS	S.S.	S.S.	S.S.	S.S.
43				
44				
45				
46	OTHERS FLUOROPOLYMER / PLASTIC LINING MATERIAL CAN AVAILABLE ON REQUEST			

OPTIONAL ACCESSORIES

PRESSURE TESTING & INSPECTION

47 PNEUMATIC ACTUATOR :	54 BODY (HYDROSTATIC) :	15.0 KG/CM2
48 SOLENOID VALVE :	55 SEAT (HYDROSTATIC) :	11.0 KG/CM2
49 LIMIT SWITCHES :	56 TESTING MEDIA :	WATER & ROOM TEMP.
50 AIR FILTER REGULATOR :	57 SEAT (AIR / PNEUMATIC) :	6.0 KG/CM2
51 TUBING & FITTINGS :	58 LINING TEST / SPARK TEST :	15 KV DC
52 MANUAL OVERRIDE :	59 INSEPTION BY :	BFLON
53 VALVE POSITIONER :	60 PAINTING :	MFG STD

NOTE :

- *** Marked Data Required From Client
- 3rd Party Inspection Charges Borne By Purchaser
- If any Third Party Inspection Clear At The Time of Enquiry
- Any Special Requirements Related To Product Clear In Enquiry

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