



BFLON LINED VALVES

TECHNICAL DATA SHEET

BALL CHECK VALVE / NRV (FLUOROPOLYMER / FEP / PFA LINED)

Format No.: MKT/TDS/21-01

Issue No.: 01

Issue Date : 01/01/2021

Rev. No. : R0

1 CLIENT :	6 ENQUIRY NO. :
2 CONSULTANT :	7 QUOTATION NO. :
3 PROJECT NAME :	8 DATA SHEET NO. : TDS/LBCHV/
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 : ASME B 16.34	27 PRESSURE RATING : 150#
22 TESTING STANDARD : API 598 / BS EN 12266-1	28 LEAKAGE CLASS : LEAKAGE RATE D
23 END CONNECTION : FLANGED END RF	29 MFG. SIZE RANGE : 1/2" TO 6"
24 FACE TO FACE : ASME B 16.10 up to 4" Size	30 OPERATION : SELF
25 FLANGE DRILLING : ASME B 16.5, 150#	31 FLOW DIRECTION : UNI-DIRECTIONAL
26 TYPE : BALL TYPE (LIFT UP)	32 INSTALLATION : VERTICAL ONLY

MAERIAL OF CONSTRUCTION

PART NAME	MATERIAL			
33 BODY	A 216 GR WCB (CAST CARBON STEEL)	A 395 (DUCTILE IRON)	A 351 GR CF8/CF3 (S.S. 304/304L)	A 351 GR CF8M/CF3M (S.S. 316/316L)
34 BALL	SOLID PTFE	SOLID PTFE	SOLID PTFE	SOLID PTFE
35 BODY LINING	FEP / PFA	FEP / PFA	FEP / PFA	FEP / PFA
36 FASTNERS	S.S.	S.S.	S.S.	S.S.
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46	OTHERS FLUOROPOLYMER / PLASTIC LINING MATERIAL CAN AVAILABLE ON REQUEST			

OPTIONAL ACCESSORIES

PRESSURE TESTING & INSPECTION

47	54 BODY (HYDROSTATIC) : 15.0 KG/CM2
48	55 SEAT (HYDROSTATIC) : 2.0 KG/CM2
49	56 TESTING MEDIA : WATER & ROOM TEMP.
50	57 SEAT (AIR / PNEUMATIC) : NOT APPLICABLE
51	58 LINING TEST / SPARK TEST : 15 KV DC
52	59 INSEPTION BY : BFLON
53	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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