

TITLE :		TECHNICAL DATA SHEET FOR C I NON RETURN VALVES		DOC. No.		MMLH/FPS/15	
PACKAGE:		FIRE PROTECTION SYSTEM		REV.	0	DATE:	12.10.2017
PROJECT:		MMLH VIZAG		SHEET	1	OF	1
1.0	Manufacturer	KBL/H sarkar / Fluid Control /Upadhya/ Kalpana/ Venus/ Hawa/ InterValve/ Equivalent approved make.					
2.0	Type	: Reflex Swing Disc type					
3.0	Quantity	: As per approved drawings					
4.0	Working pressure/Design temp.	: 10.5 Kg/cm ² / 50 Deg. C					
5.0	Size	: 65 NB & above					
6.0	Code/Standard	: IS: 5312, PN 1.6					
7.0	End connection	: Flanged to ANSI B 16.5 (CI 150 Flat Face)					
8.0	Material of construction						
8.1	Body	: CI IS:210 Gr. FG260					
8.2	Cover	: CI IS:210 Gr. FG260					
8.3	Door	: CI IS:210 Gr. FG260					
8.4	Body Seat Ring	: Bronze IS: 318 LTB 2					
8.5	Hinge	: CI IS:210 Gr. FG260					
8.6	Hinge pin	: SS to IS: 1570(PT- 5),GR 12, CR 13					
8.7	Bolts & Nuts	: CS IS:1367, CL-4.6 & CS IS:1367, CL-4.0					
8.8	Gaskets	Rubber to IS: 638 Type – B					
8.9	Counter flange	IS:2062 drilled to ANSI B 16.5 # 150					
9.0	Hydrostatic test pressure						
9.1	For PN 1.6 Rating						
a)	Body	24 Kg/cm ²					
b)	Seat	16 Kg/cm ²					
9.2	Disc Facing Ring	: Rubber to IS : 638 Type A					
9.3	Gaskets	: CAF, IS:2712, Gr. W/3					
9.3	Hydrostatic Test Pressure						
a	Body	: 24 kg/cm ²					
b	Seat	: 16 kg/cm ²					
9.4	Indication for direction flow	: Permanently marked arrow on the valve body					
9.5	Marking	: ISI Marked					
9.6	Painting	Two coats of epoxy painting on internal & external unlined surface of valve (100 micron thickness)					