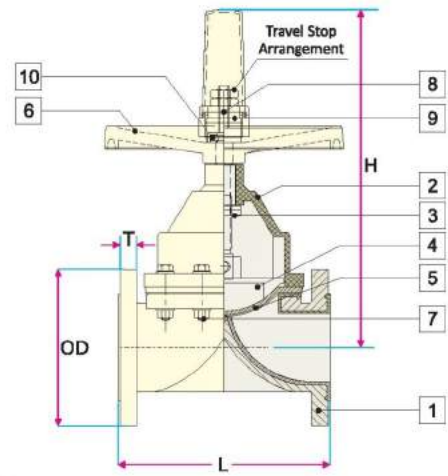


LINED DIAPHRAGM VALVE

RISING SPINDLE / RISING HAND WHEEL TYPE



Material Specification

NO.	DESCRIPTION	QTY.	MATERIAL
1	BODY	1	ASTM A 216 WCB + PFA/FEP LINED LINED LINING THICKNESS: 3mm
2	BONNET	1	CS/CI EPOXY PAINTED
3	SLEEVE & SPINDLE	1	SS-304
4	COMPRESSOR	1	CS/CI
5	DIAPHRAGM	1	PTFE PADDED WITH EPDM RUBBER
6	HAND WHEEL	1	CS/CI EPOXY PAINTED
7	FASTENERS	—	IS 1367 CLASS 4.6 (PLATED)
8	POSITION INDICATOR	1	CS / SS EPOXY PAINTED
9	INDICATOR CAP	1	POLYCARBONATE
10	HANDWHEEL NUT	1	IS 1367 CLASS 4.6 (plated)

Dimensional Table

Rating :150 Class

SIZE (INCH)	L±.12	OD	T	H
½"	4.49	3.50	0.51	4.25
¾"	4.88	3.86	0.63	5.63
1"	5.24	4.25	0.63	5.83
1½"	6.54	5.00	0.75	6.29
2"	7.72	5.98	0.83	8.86
2½"	8.74	7.01	0.91	9.84
3"	10.24	7.52	0.96	11.02
4"	12.24	9.06	0.96	13.78
6"	16.22	11.02	1.06	20.09
8"	20.75	13.50	1.18	23.82

PCD as per ANSI B 16.5 Standard, 150#



HYDRO TEST PRESSURE:

FROM ½" TO 2½"

BODY : 225 PSI
SEAT : 150 PSI

FROM 2½" TO 4"

BODY : 150 PSI
SEAT : 150 PSI

FROM 4" TO 8"

BODY : 105 PSI
SEAT : 105 PSI

Notes:

- Manufacturing Standards**
Design : EN 13397 : 2002
(BS 5156)
Face To Face Dimension: EN-558-1 Series 7 & 1
- Spark Test**
15 KVDC
- Standard Resin Specifications For Lining**
PTFE : ASTM D 1457
PVDF : ASTM D 3222
PFA : ASTM D 3307
FEP : ASTM D 2116
- Material**
CS : ASTM A 216 GR. WCB
SS : ASTM A 351 CF B/ASTM A 351 CFB M