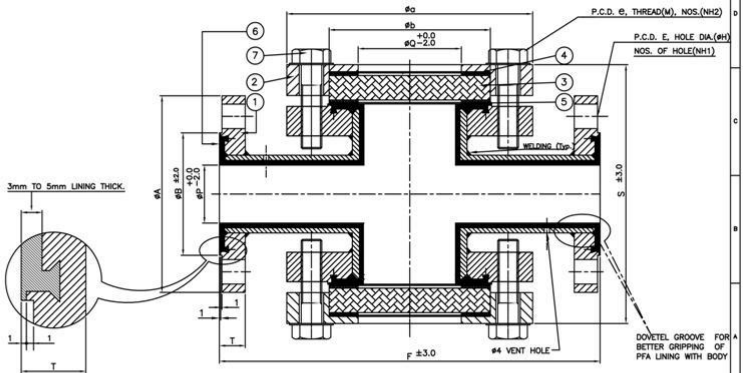

DWN.	ANILBHAI	20.09.14	PROJECTION	MATL.: –	WEIGHT(kgs):
CHKD.				TITLE	
APPD.			SCALE	SHEET	C.S. FABRICATED/PFA LINED SIGHT FLOW INDICATOR ASA 150#
ALL DIMENSION ARE IN MM.			N.T.S.	1 of 2	
UNLESS SPECIFIED TOLERANCE : +/− 1.0					
BRAKE SHARPE EDGE & REMOVE ALL BURRS.					

DIP-FLON ENGINEERING & CO.

DRG NO: DFE/16468

REF. No.: REV. No.: 03

DATE	REVISION	DESCRIPTION	REVISED BY	CHECKED BY	APPROVED BY

DIMENSIONS TABLE

SR. NO.	Size NB ±2.0 øP	Window Size NB øQ ±2.0	F ±3.0	S ±3.0	øA	T	øB	P.C.D. E	øH	NH1	øa	t	øb	P.C.D. e	M	NH2	QTY.
1	25	50	245	154	108.0	15.0	51.0	79.4	16.0	4	152.5	19.0	92.0	120.6	M16	4	–
2	40	80	275	196	127.0	18.5	73.0	98.4	16.0	4	190.5	24.0	127.0	152.4	M16	4	–
3	50	80	295	201	152.5	20.0	92.0	120.6	19.0	4	190.5	24.0	127.0	152.4	M16	4	–
4	80	80	315	229.5	190.5	25.0	127.0	152.4	19.0	4	190.5	24.0	127.0	152.4	M16	4	–
5	100	100	355	255	228.5	25.0	157.0	190.5	19.0	8	228.5	24.0	157.0	190.5	M16	8	–
6	150	150	420	321	279.5	26.5	216.0	241.3	22.0	8	279.5	25.5	216.0	241.3	M20	8	– –

MATERIAL SPECIFICATION

PART NO.	DESIGNATION	MATERIALS
1	FAB. BODY PIPE	CARBON STEEL ASTM A106 Gr. B SCH–40
2	Window Flange	ASTM A–105 OR IS:2062, Gr. A
3	Glass	BOROSILICATE TOUGHENED GLASS (MAKE : DIAMOND GLASS WORKS) SIZE : (1) ø95mm X 15mm Thick for 25NB (2) ø125mm X 19mm Thick for 40, 50, & 80NB (3) ø150mm X 19mm Thick for 100NB (4) ø210mm X 19mm Thick for 150NB (5) ø270mm X 10mm Thick for 200NB
4	Envelope Gasket	PTFE WITH 2mm THICK. ACID RESISTANT CAF INSERT
5	Envelope Gasket	PTFE WITH 2mm THICK. ACID RESISTANT CAF INSERT
6	LINING	PFA CONFORMING TO ASTM D–3307, TYPE–II OR
7	FASTENERS	IS:1367 Gr.4.6

DIMENSIONS SPECIFICATION

(1) ALL DIMENSIONS ARE IN m.m.
(2) FLANGE DIMENSIONS AS PER ANSI B16.5, ASA 150#
(3) LINING THICKNESS WILL BE 3.0mm TO 5.0 mm

INSPECTION

(1) 100% VISUAL CHECK. / DIMENSIONAL CHECK.
(2) 100% HYDRO TEST AT 6 kg/cm^2
(3) 100% SPARK TEST AT 15 kV

DWN.	ANILBHAI	20.09.14	PROJECTION	MATL.: –	WEIGHT(kgs):
CHKD.				TITLE	
APPD.			SCALE	SHEET	C.S. FABRICATED/PFA LINED SIGHT FLOW INDICATOR
ALL DIMENSION ARE IN MM.			N.T.S.	2 of 2	DIM.& MAT. TABLE (ASA 150#)
UNLESS SPECIFIED TOLERANCE : +/− 1.0					
BRAKE SHARPE EDGE & REMOVE ALL BURRS.					

DIP-FLON ENGINEERING & CO.

DRG NO: DFE/16468

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