GUJARAT GAS

DATASHEET OF CONICAL STRAINER

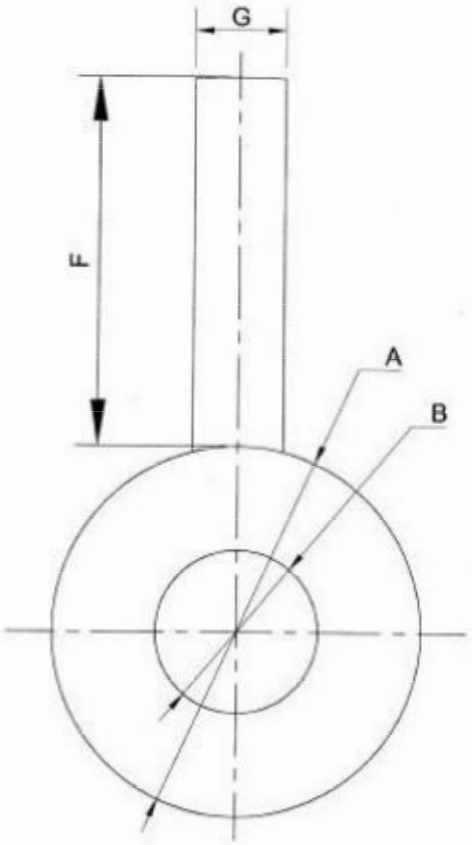
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GUJARAT GAS

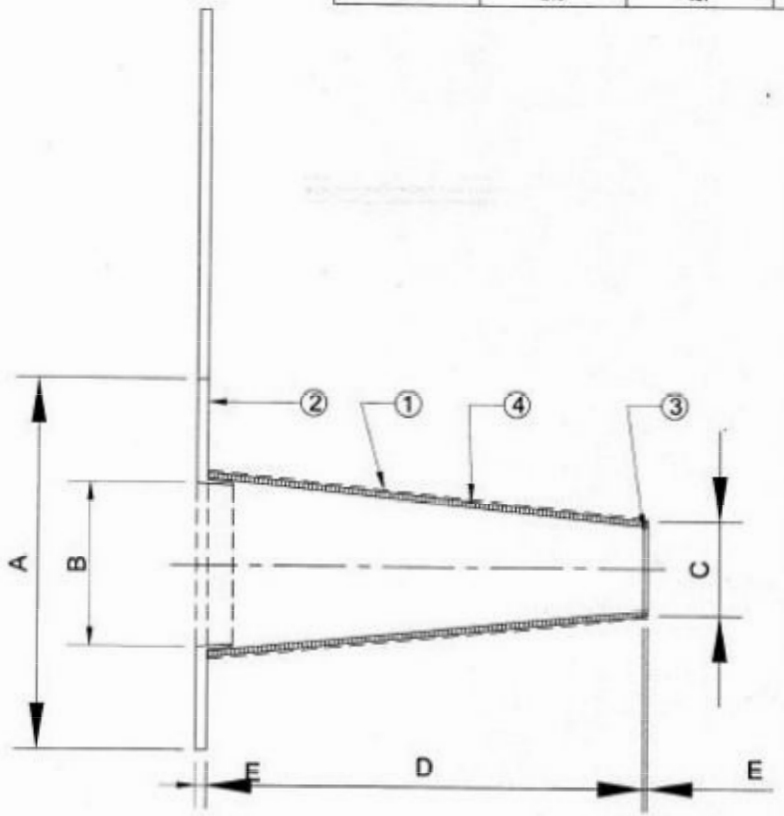
DATASHEET OF CONICAL STRAINER

Sr. No.	Technical Description	Specifications
General		
1	Tag No.	Vendor to Furnish
2	Make	Vendor to Furnish
3	Type if Strainer	Conical Strainer
4	Strainer Location & Function	Upstream of RPD Meter
5	Service	Natural Gas
6	Nominal Size	As per P&ID / GGL requirement
7	Pressure Class	150#/300#
8	Design Pressure	150# : 19 barg 300# : 49 barg
9	Design Temperature	150# : 0 to 65 ˚C 300# : (-10°C)- 65 ˚C
10	Operating Pressure	150# : Up to 19 barg 300# : Up to 26 barg
11	Operating Temperature	150# : 0 - 50 ˚C 300# : (-10°C)-50 ˚C
12	Maximum differential Pressure	Dry Gas – 0.1 barg Wet Gas – 0.3 barg
12	Efficiency	50 Micron
13	Material	SS316
14	Certification	Test Certificates

DIMENSION							
SIZE	A	B	C	D	E	F	G
2"	102	44	25	97	3	64	25
3"	133	70	38	142	3	70	30
4"	171	95	51	167	3	70	30
6"	219	137	76	195	5	70	30



END VIEW



ELEVATION

TECHNICAL SPECIFICATION :-	
OUTSIDE DIAMETER	AS PER TABLE
INSIDE DIAMETER	AS PER TABLE
LENGTH OF ELEMENT	AS PER TABLE
FILTRATION RATING	50 MICRON
CONFIGURATION	CONICAL STRAINER
FLOW DIRECTION	OUT TO IN

MATERIAL OF CONSTRUCTION :-		
4	INNER PERFORATION	Ø 6 MM HOLE X 1.2 MM THK., SS 316
3	BOTTOM CAP	SS 316
2	TOP RING	SS 316
1	FILTER MEDIA	SS 316 WIRE MESH

S.O. NO.: S05968

P.O. NO.: 560000416

MODEL NO.: -

TAG NO.:

NOTES :-

1. ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE SHOWN.
2. ALL SHARP CORNERS TO BE REMOVED AND ALL WELD TO BE GROUND SMOOTH AND CORNERS WELDED TO RADIUS.

PERMISSIBLE TOLERANCE FOR BASIC SIZE RANGE	MACHINING	FABRICATION
OVER 2000 UP TO 4000	± 2.0	± 8.0
OVER 1000 UP TO 2000	± 1.2	± 6.0
OVER 400 UP TO 1000	± 0.8	± 4.0
OVER 120 UP TO 400	± 0.5	± 2.5
OVER 30 UP TO 120	± 0.3	± 1.5
OVER 6 UP TO 30	± 0.2	± 1.0
OVER 3 UP TO 6	± 0.1	± 0.5
FROM 0.5 UPTO 3	± 0.1	-

TOLERANCE TABLE

	NAME	DATE
APPROVED BY	A.P.	11/12/2020
CHECKED BY	D.M.D.	11/12/2020
DRAWN BY	P.R.P.	11/12/2020

TITLE: CONICAL STRAINER FILTER ELEMENT

PROJECTION | SHEET 1 OF 1 | SCALE: NTS | QTY. : 01 NO. | REV NO.: 00 | DRAWING NO. | GGI /CONICAL/00