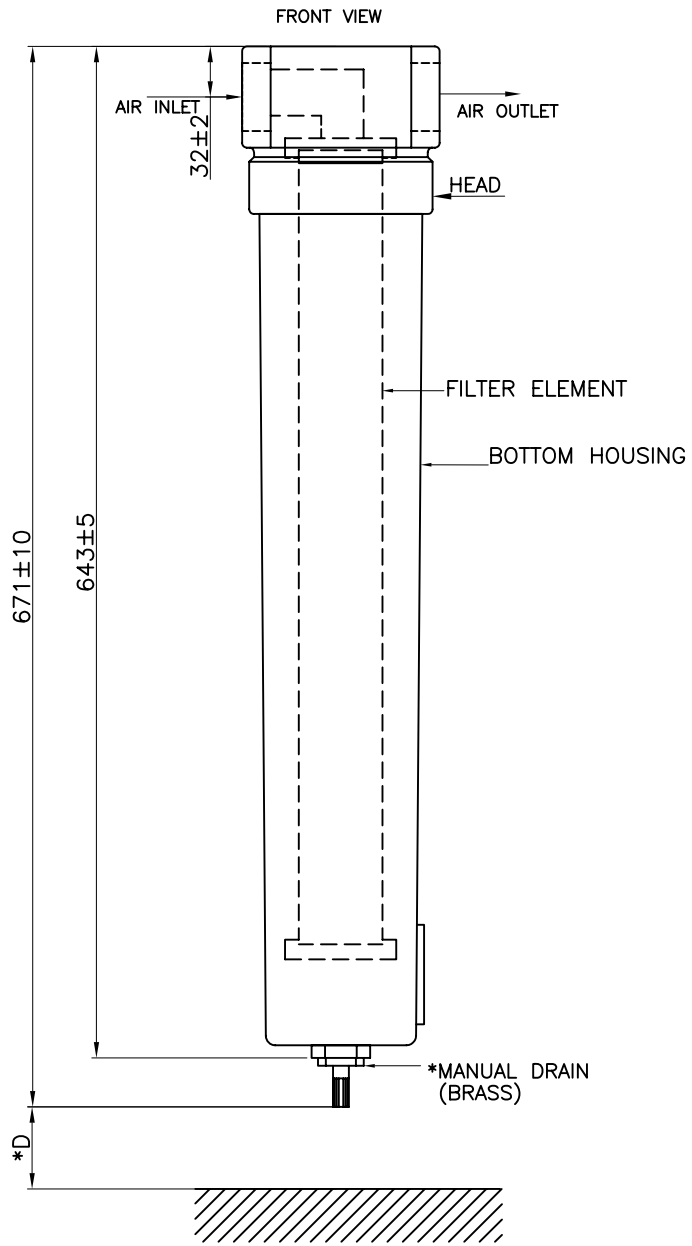

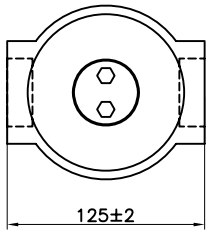

MODEL	GZF070
CAPACITY	450 CFM
WORKING PRSSURE	7–16 bar(g)
WORKING TEMPERATURE	80°C(MAX)
DESIGN PRESSURE	17.6 bar(g)
HYDRAULIC PRESSURE	26.4 bar (g)
IN\OUT SIZE	1 1/2" BSP
⚠ MATERIAL\GRADE	AL\ADC12

FILTER GRADE	PARTICLE REMOVAL	OIL REMOVAL	PART NO
GP	3 Micron	_	4825 01
ZP	0.1 Micron	0.1 mg/m^3	4825 02
ZO	0.01 Micron	0.01 mg/m^3	4825 03
ZC	0.01 Micron	0.005 mg/m^3	4825 04

SUFFIX:

A – STANDARD FILTER WITH AUTO DRAIN VALVE

B – STANDARD FILTER WITH DIFFERENTIAL PRESSURE GAUGE

C – STANDARD FILTER WITH BOTH (A & B)

SL.NO	DESCRIPTION	QTY	MAKE
4	ELEMENT	1	GEM
3	HEAD	1	GEM
2	MANUAL DRAIN – 1/2"	1	GEM
1	FILTER HOUSING	1	GEM

ROUGHNESS SYMBOL	ROUGHNESS VALUE Ra µm
N1	0.025
N2	0.05
N3	0.1
N4	0.2
N5	0.4
N6	0.8
N7	1.6
N8	3.2
N9	6.3
N10	12.5
N11	25
N12	50

DIMN OVER	UP TO & INCL	TOLERANCE
–	6	±0.1
6	30	±0.2
30	120	±0.3
120	315	±0.5
315	1000	±0.8
1000	2000	±1.2
2000	4000	±2
>4000		±3

OPTIONAL

* AUTO DRAIN VALVE AS ADDITIONAL ACCESSORIES

*D –160

CLEARANCE TO REPLACE ELEMENT

REG.NO.	NO.	REVISION	NAME	DATE
8901	1	REVISION MARKED AS ⚠	SIVA	17.04.12

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED

MACHINED SURFACES AS PER IS : 2102(med.)

UNMACHINED SURFACE ±0.5
ANGULAR ±1° SURFACE FINISH
BREAK ALL EDGES 0.1 – 0.25 R

PROPRIETARY MATERIAL
THE INFORMATION AND IDEAS DISCLOSED IN THIS DRAWING IS THE EXCLUSIVE PROPERTY OF GEM EQUIPMENTS AND MAY NOT BE REPRODUCED USED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF GEM EQUIPMENTS.

THIRD ANGLE PROJ.

DRAWN MAHESH

CHECKED

APPROVED

DATE 10.03.10

GEM EQUIPMENTS LTD

COIMBATORE-641 407

TITLE

GA DRAWING-GZF 070

SIZE A4 | DWG. NO. 4825 | REV 1

SCALE : 1:1 | SHEET 1 OF 1

FILE:DEVELOPMENT3\D:\DRAWINGS\DRYERS\FILTERS

F/DSN/002