



**PRODUCT STANDARD
TURBINES & COMPRESSORS**

TC51313

REV 04

PAGE 0 OF 4

VENT FILTER

(For internal Reference only)

Remove this preface sheet before issuing to supplier

DESIGNATION: Vent filter 150 to this standard shall be designated as follows :

ON DRAWING :

Material specification column : TC51313

Description column : VENT FILTER 150

Material code column : TC9051313012

ON INDENTS:

Material specification column : TC51313

Description column : VENT FILTER 150

Material code column : TC9051313012

ON ENQUIRIES

a) A copy of this standard shall be enclosed without preface sheet.

**FORMAT
TD-201
REV -00
REF DOC**

PREPARED BY: DSR

APPROVED BY: DS.RAO

DATE: 16.12.99

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PAGE 1 OF 4

VENT FILTER

- 1.0 : SCOPE: This standard specifies the requirements of vent filter to be used for the venting of oil cylinders and oil tanks.
- 2.0 : TECHNICAL REQUIREMENTS :
- 2.1 : DESIGN & DIMENSIONS : As per shown in fig. And as per given in the table.
- 2.2 : MATERIAL : The filter cartridge shall be made out of a special synthetic resin, which can be cleaned in Benzene and petroleum.
- 2.3 : The vent filter shall be rugged against highly flammable liquids.
- 3.0 : GUARANTEE CERTIFICATE : A guarantee certificate for 24 months of trouble free performance from the date of shipment or 12 months from the date of commissioning whichever is earlier shall be furnished.
- 4.0 : DOCUMENTS : The descriptive leaflets/catalogues giving full details of the vent filter shall be furnished along with the offer and also with consignment.
- 5.0 : PACKING : The material shall be properly packed to ensure it is capable of with standing transit risks without damage.
- 6.0 : MARKING:
- 6.1 : A tag bearing the relevant 12 digit material code of BHEL shall be attached for each item.
- 6.2 : The following details be marked on the packing case.
- 6.2.1: Manufactures name.
- 6.2.2 : BHEL Order Number.
- 6.2.3 : BHEL Standard number : TC51313

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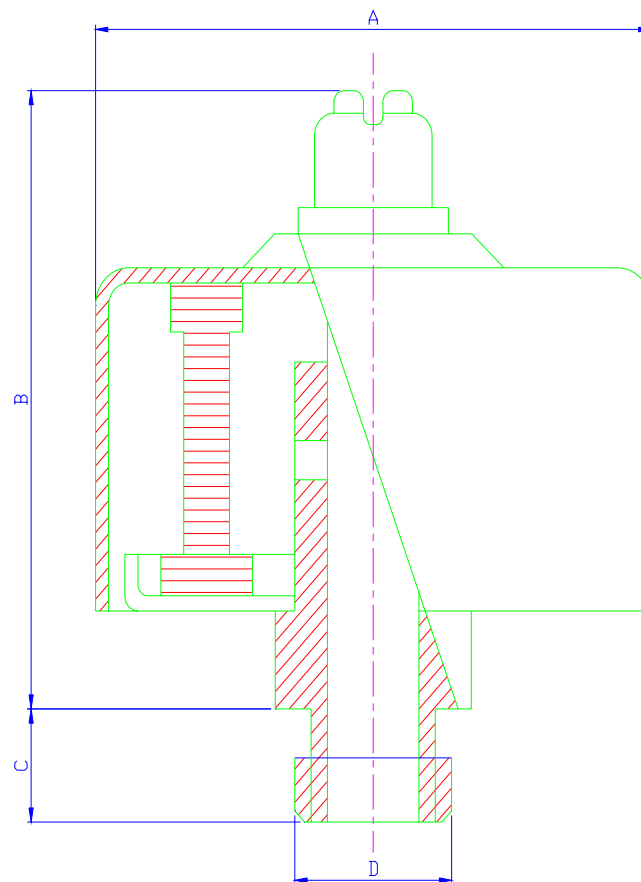
7.0 : SIZE : As per table.

SL NO	Flow rate in 1/min (Mic)	A	B	C	D	Wt.in kgs.	Type	Material code
01	150	48	45	8	R 3/8"	0.12	Pi 1410/2*	TC9051313012
02	400	69	67	10	R 1/2"	0.25	Pi 0112 mic*	TC905131020
03	800	108	70	15	R 1"	0.45	Pi 1410/7*	TC905131130
04	150	(Pi 1410/51150)					Pi 1410/5*	TC9051313047
05.	500				R 1/2"			TC9051313055
06.	1500	132	100	18	G2"	0.7		TC9051313063
07.	Vent filter M/s ANSELM F2033 Drg.No. 5-6604-2102-02							TC9051313071
08.	3000	Clamp fixing (pipe OD 76mm) M/S Purolator model Pi 1420/7 New model no : Pi 0153					Pi 0153 *	TC9051313080
09.	2000	142	95	30	40	0.7	Pi 0140 **	TC905131309

*: M/s Puruloator model no.

**: M/s Knecht (Mahle) model no.

ALL DIMENSIONS ARE IN MM.



RECORD OF REVISIONS

REV. NO	DATE	REVISION DETAILS	REVISED	APPROVED
01	11/91	SL.NO.07 ADDDED	V N R	B.V.S.N
02	02/96	SL.NO.08 ADDDED	BVSN	CNVR
03	10/98	VAR 06 FLOW RATE 1500 WAS 500.	P.N.S	D.S.RAO
04	12/99	VAR-09 ADDED	DSR	DSR