

BHEL	PRODUCT STANDARD	TC	5	1312
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GEAR BOX - VENTILATION FILTER

1.0 : This standard specifies the requirement of ventilation filter to be used in Gear boxes.

2.0 : TECHNICAL REQUIREMENTS:

2.1 : DESIGN & DIMENSIONS: The design of ventilation filter shall be robust construction and should be reliably effective. A 1st turning part of hexagon material, which makes it easier to screw it into the casing shall be provided with filter element of knitted wire mesh and a cap of deep drawn sheet metal. The slits between the round cap and the hexagon part allow the air to enter and to leave the filter element. The filter element retains escaping oil as well as entering dust particles.

Dimensions as per shown in fig and given in the table.

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 ventilation filter shall be furnished, alongwith the offer and also with consignment.

5.0 : PACKING: The material shall be properly packed to ensure it is capable of withstanding 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 shall be marked on the packing case.

6.2.1 Manufacturers Name.

6.2.2 BHEL Order Number.

6.2.3 BHEL Standard Number : TC51312



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Issued:	REV	DATE:
T&C Engg. HYD	01	11/91
Prepared:	Approved:	Date:
VNR	ADG (T&C)	7/79

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7.0 SIZE: As per table.

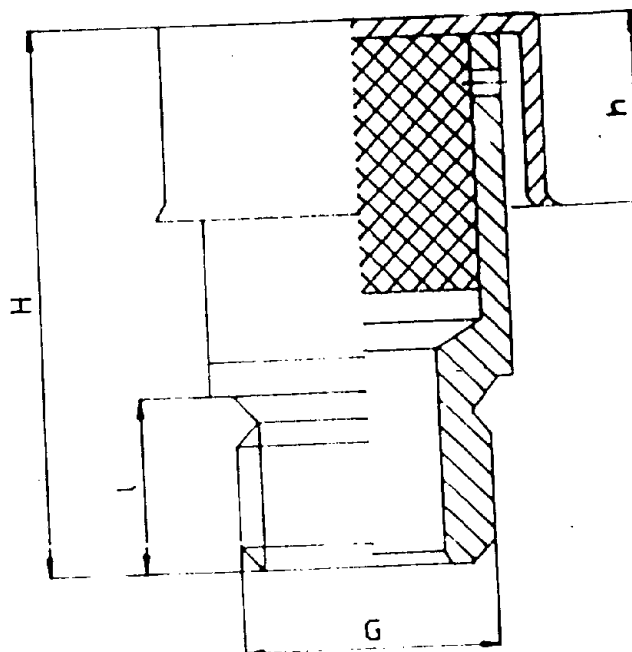
Sl. No.	Threading Size 'G'	dia D mm	H mm	l mm	h mm	SW	Old Code	New Code
01.	R 1/8"	19,5	36	7	15	17	D111273360	TC9051312016
02.	R 1/4"	21,5	38	9	15	19	D111273370	TC9051312024
03.	R 3/8"	25	40	11	15	22	D111273380	TC9051312032
04.	R 1/2"	30	50	13	20	27	D111270940	TC9051312040
05.	R 3/4"	40,5	63	17	23	36	D111273390	TC9051312059



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01

DATE
13/01/2009
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11/01

TITLE GEAR BOX
VENTILLATION
SYSTEM

ISSUED:

EDC(INDUSTRIAL TURBINES & COMPRESSORS)
HYDERABAD

Prepared:

VNR

Approved:

Date:

5/79

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