

MARK 7 TRANSFORMER BREATHER



Product Description

The Mark 7 Transformer Breathers were introduced to meet the additional robustness necessary for the protection of equipment operating under high mechanical stresses i.e. the braking systems on trains.

The breathers are fabricated from mild steel which is protected with a phosphate and powder coat finish. The construction of these transformer breathers enables them to withstand the bump, vibration and shock parameters found in electric traction and similar vehicles.

These transformer breathers are fitted with oil-sealed bowls and are filled with Envirogel desiccant. The only maintenance action required is periodic inspection of the oil level and replacement of the spent desiccant. The beaded desiccant has a much higher dust attrition resistance as compared to the standard granular material previously used.

These units are filled with Envirogel, Orange to Green colour changing silica gel, which visually show when the unit needs replacing or refilling. The units can also be supplied with thread adaptors and different fill materials if required.

The Mark 7 Transformer Desiccant Breathers are supplied with three alternative body lengths.

Industries Served

- Power & Refinery



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Product Specifications

Model No.	Height of Desiccant Container ("L") (mm)	Overall Height (mm)	Desiccant Weight (Kg)	Equipment Oil Contents (Litres)
701	127	190	0.75	550
702	235	300	1.20	880
703	407	407	2.50	1850

Quick Change

- ENVIROGEL cartridges can be refilled, replaced or reactivated
- Rapid cartridge replacement
- No special tools required
- Minimum downtime and maintenance
- Ideal for planned maintenance cycles

FAQs

Q: Can I fit a Transformer Breather, which has a larger ENVIROGEL capacity than my existing Transformer Breather?

A: Yes, for example you can use a Size R1 Transformer Breather to replace an R type which will drastically increase the time between ENVIROGEL maintenance.

Q: What is the recommended method for disposing of used ENVIROGEL?

A: We suggest that dispose it at a registered landfill site in accordance with local authority regulations.

Q: Are there any specific safety considerations when handling Transformer Breathers and ENVIROGEL?

A: We recommend to take suitable precautions, such as using an approved respiratory mask, when handling ENVIROGEL

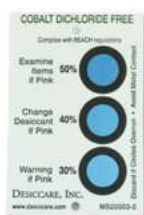
Q: How can I reactive saturated ENVIROGEL?

A: Following the safety procedures for handling ENVIROGEL. Heating the ENVIROGEL for 3-4 hours at 95°C will recover 95% of the adsorption capacity.

Related Products



Silica Gel



Humidity Indicator Card



Adaptors



R Series Transformer Breathers



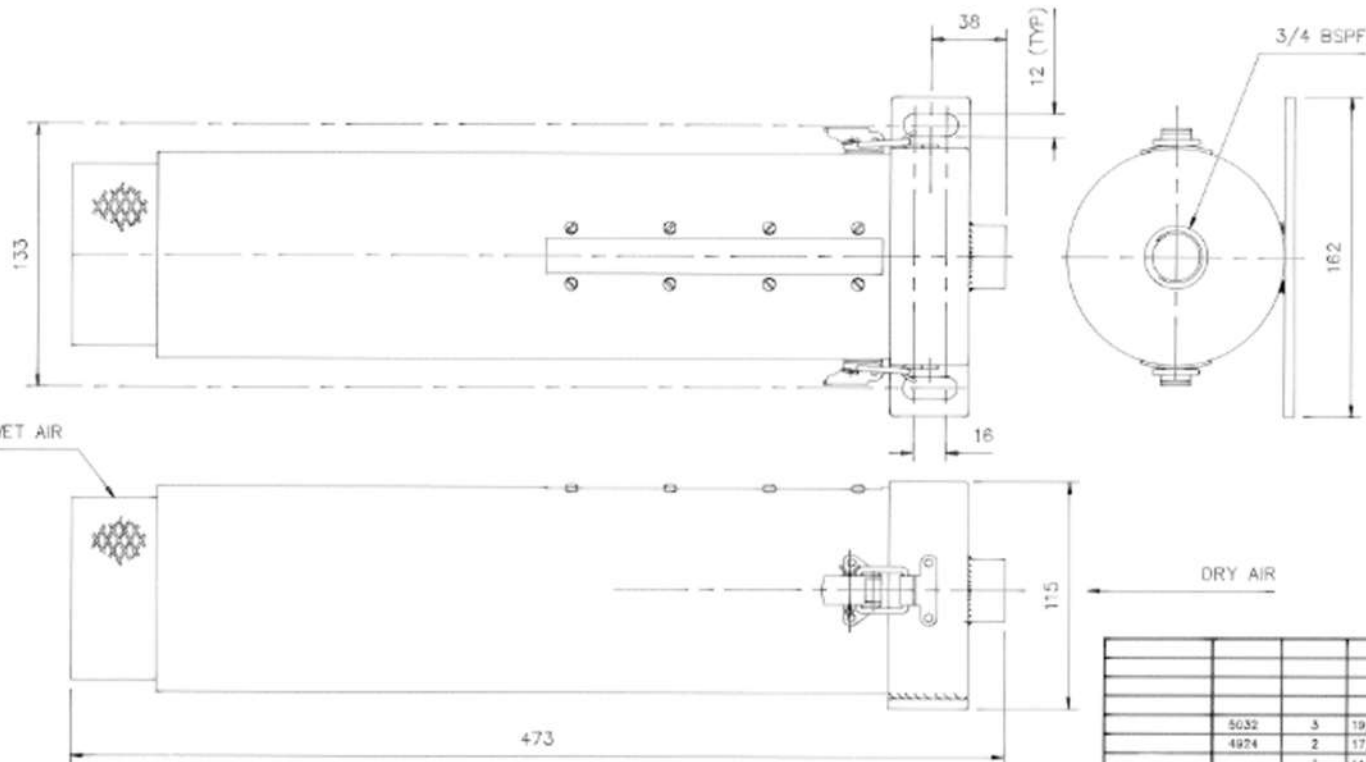
DRG No
BL/D6291/03 INST

USED ON

THIRD ANGLE PROJECTION

REMOVE ALL SHARP EDGES UNLESS SPECIFIED

DO NOT SCALE - ASK



	5032	3	19/3/92
	4924	2	17/6/96
		1	14/12/94
CHANGE	MOD No	ISSUE	DATE

CUSTOMER'S REF DRAWN CHECKED

RZ

DRAWING NUMBER

MATERIAL
MILD STEEL

PROTECTIVE FINISH
PHOSPHATE
DEF STAN 03-11
CLASS 2
POLYESTER POWDER
COAT GREY

TOLERANCES

±1

DIMENSIONS IN in/mm (IT/IT)

SURFACE ROUGHNESS

SCALE (ORIGINAL) 1:2

CUSTOMER

BROWNELL Ltd. LONDON NW10

TITLE

TRANSFORMER BREATHER MODEL 703

BL/D6291/03 INST

EST. WT.