

## ACM Series Breathers

The ACM Series is suitable for mobile and industrial applications because of its lightweight, rugged body. This series is fully serviceable and offers a high dirt holding capacity.



### ORDERING CODES:

BOX 1		BOX 2		BOX 3	
Size [Box 1]		Drying Agent [Box 2]		Check Valves [Box 3]	
Code	Description	Code	Description	Code	Description
ACM61	100 cc	R	ZR Gel	V	With Check Valves
				-	Without Check Valves

### MATERIALS & COMPONENTS:

- **Filter Media:** Glass Fiber
- **Hydrophilic Media:** ZR Gel
- **Check Valves:** Silicone
- **All Other Components:** Copolyester, Buna-N, Stainless steel

### CHEMICAL COMPATIBILITY:

Compatible with all mineral oils, most synthetic oils and diesel fuels (Contact Des-Case technical support for chemical compatibility inquiries)

### PERFORMANCE SPECIFICATIONS:

<b>Product Size</b>	<b>61</b>
<b>Temperature Range</b>	-40°F to 194°F (-40°C to 90°C)
<b>Filter Efficiency</b>	3 μm absolute (β <sub>3</sub> ≥ 200)
<b>Adsorption Material</b>	ZR Gel 3-6 mm
<b>ZR Gel Volume</b>	100 cc
<b>Amount of Desiccant</b>	.2 lbs (80 g)
<b>Water Adsorption Capacity (Maximum Water Retention)</b>	0.9 fl. oz (29 ml)
<b>Color Indication</b>	Red to Yellow
<b>Check Valve Cracking Pressure (For order codes ending in "V")</b>	.05 psi (.003 bar)
<b><sup>2</sup>Application Sizing Recommendations</b>	
<b>Max. Airflow without Check Valves</b>	9 cfm (260 l/min)
<b>Max. Airflow with Check Valves</b>	2 cfm (50 l/min)

<sup>1</sup>**NOTE:** Small variations in the manufacturing process can be common and will be within the allowable engineering tolerances. All above data is nominal and provided for information only and subject to change. All metric conversions are approximate.

<sup>2</sup>**NOTE:** This is intended as a general guideline for sizing only; other considerations, such as: humidity level, frequency of air flow, ambient temperatures, and chemical compatibility are very important in sizing a breather properly. Larger applications and special circumstances typically require the most thorough analysis. Please contact Des-Case for assistance in sizing a breather.

### Typical Applications:

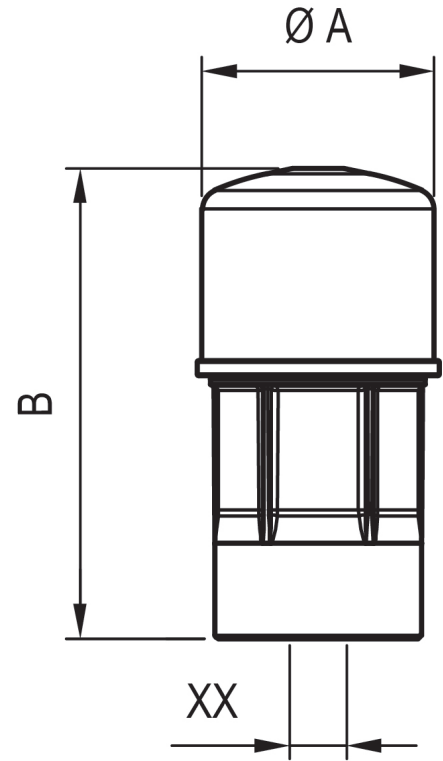
- Mobile & off-road equipment
- Hydraulics
- Nautical applications
- Truck differentials

### Typical Industries:

- Wind Energy
- Storage
- Pulp & Paper
- Mining
- Aviation
- Manufacturing
- Petrochemical

**DIMENSIONS:**

	A	B
<b>Series</b>	Inch / mm	Inch / mm
<b>61</b>	2.8 / 71	5.4 / 137
<b>Thread Size (C)</b>		
<b>ACM 61</b>	3/8" BSPP female	



**SPARE PARTS:**

Product Spare Parts	ACM61
<b>KL Spin-On</b>	KL60 (9237734)
<b>ZR Gel Refill</b>	RF-100 (9253184)
<b>Spare Kit*</b>	RK-61 (9253193)

\*The spare kit contains 1x KL Spin-On, 1x ZR Gel refill, 2x foam filters, 1x bottom seal stickers, 1x adapter plug.