

## Non-Desiccant Breathers

Prevents contamination in low humidity environments or applications where water based fluids are in use.



### MATERIALS & COMPONENTS:

- **Housing (DC-ND-2):** Nylon 6/6 33% Glass Filled
- **Housing (DC-ND-35):** Nylon 6/6 33% Glass Filled, Plastisol, Polytetrafluoroethylene
- **Filter Media:** ePTFE

### CHEMICAL COMPATIBILITY:

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

### PERFORMANCE SPECIFICATIONS:

Product Code	DC-ND-2	DC-ND-35
Temperature Range	-40°F to 300°F (-40°C to 149°C)	
Filter Efficiency	.3 $\mu$ m absolute	
<b><sup>2</sup>Application Sizing Recommendations</b>		
Max. Airflow at $\Delta P$ 1 psi [.07 bar]	.67 cfm (19 l/min)	40 cfm (1132 l/min)
Max. Reservoir Fluid Flow or Displacement at $\Delta P$ 1 psi [.07 bar]	5 gpm (19 l/min)	300 gpm (1132 l/min)
Gearbox, Pump & Storage Tank Reservoir	15 gal (57 L)	Sizing should be made per flow rate
Hydraulic & Central Lube Reservoir	15 gal (57 L)	

<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.

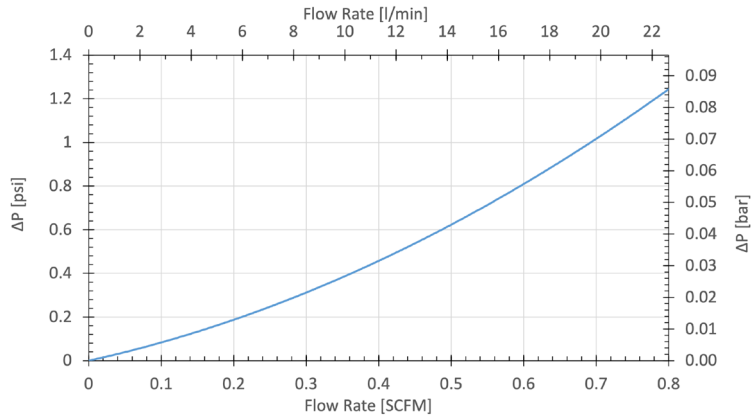
### Typical Applications:

- Water-based fluids
- Oil misting
- Low humidity applications
- High dust environments

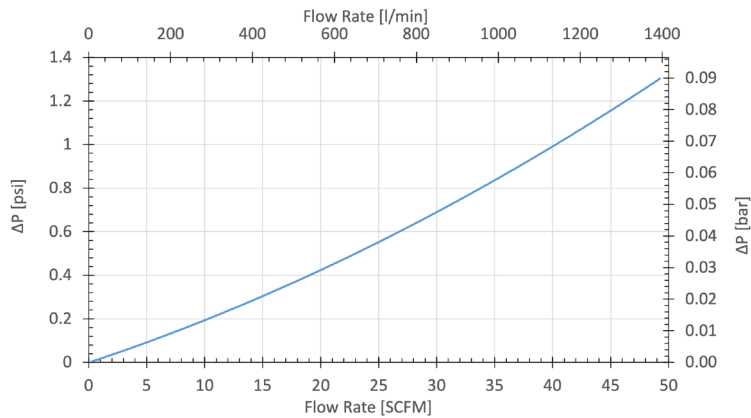
### Typical Industries:

- Storage
- Manufacturing
- Automotive

### AIRFLOW:



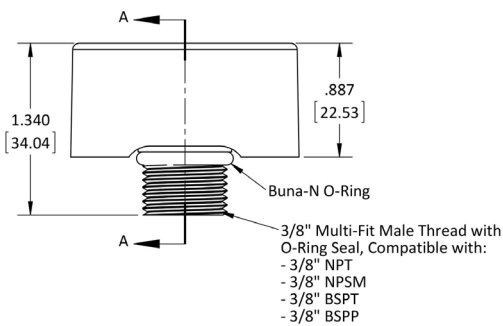
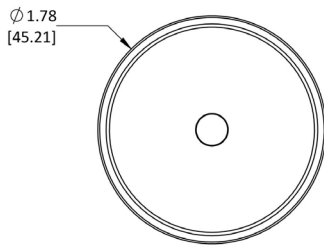
— DC-ND-2



— DC-ND-35

### DIMENSIONS: INCH [MM]

DC-ND-2



DC-ND-35

