

Extreme Duty Series Breathers

Des-Case's most versatile breather solution.



MATERIALS & COMPONENTS:

- **Housing:** Aluminum, Polycarbonate/Polybutylene Terephthalate (PC/PBT), Polycarbonate, Silicone
- **Seal:** LDPE
- **Filter Media:** ePTFE, Polyester, Polyurethane
- **Hydrophilic Media:** Silica Gel

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-XD-6
Temperature Range	-40°F to 300°F (-40°C to 149°C)
Filter Efficiency	.3 µm absolute
Check Valve Cracking Pressure	.1 psi (.007 bar)
Amount of Desiccant	1.8 lbs (794 g)
Water Adsorption Capacity (Maximum Water Retention)	10.7 fl oz (315 ml)
Color Indication	Blue to Pink
² Application Sizing Recommendations	
Max. Airflow at ΔP 1 psi [.07 bar]	16 cfm (456 l/min)
Max Reservoir Fluid Flow or Displacement at ΔP 1 psi [.07 bar]	120 gpm (456 l/min)
Gearbox, Pump & Storage Tank	500 gal (1893 L)
Hydraulic & Central Lube Reservoir	200 gal (757 L)

¹NOTE: Small variations in the manufacturing process can be common and will be within the allowable engineering tolerances.

²NOTE: 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.

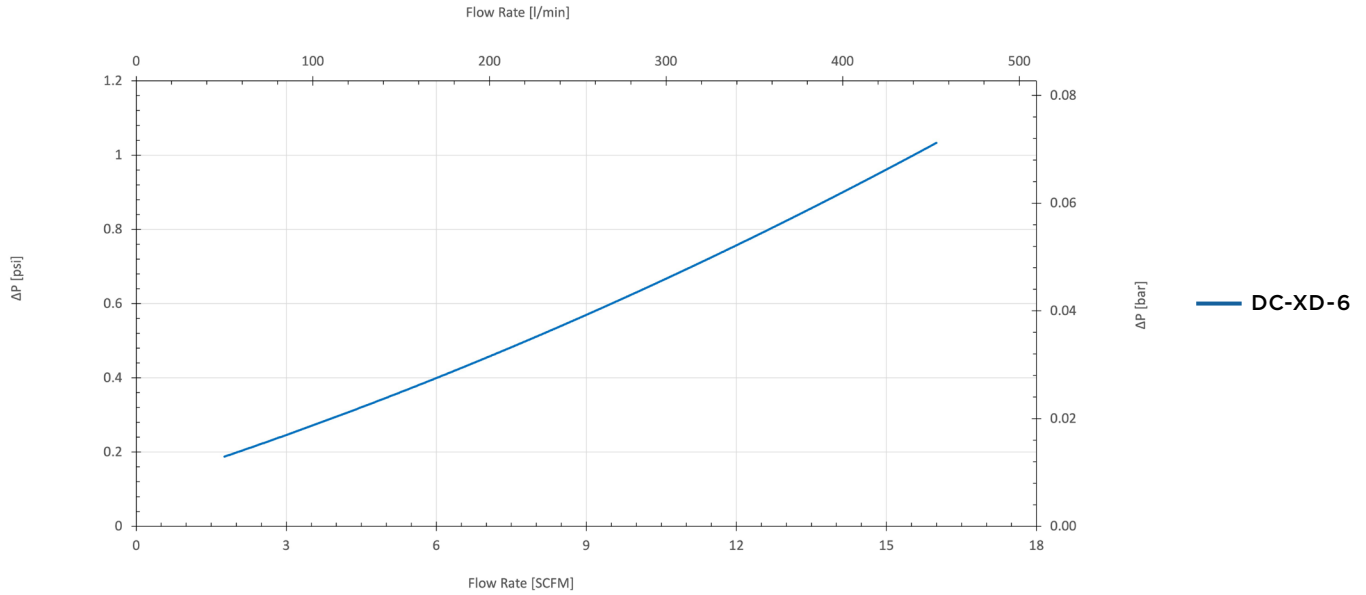
Typical Applications:

- Harsh Environments
- Mobile & Off-Road Equipment
- Hydraulics – Wash Downs
- High Vibration/Impact
- Nautical Applications

Typical Industries:

- Pulp & Paper
- Mining
- Automotive
- Forestry
- Petrochemical

AIRFLOW:



DIMENSIONS:

	A	B	C	D	E
Product Code	Inch / mm	Inch / mm	Inch / mm	Inch / mm	Inch / mm
DC-XD-6	6.5 / 165	5.1 / 130	0.2 / 4	2.5 / 64	1.3 / 32
Thread Size					
1 ½" x 16 UN Female Thread					

