

## 1300R-KE50 Gearbox Filter Element

OEM interchangeable element for the wind market. Our elements meet or exceed all OEM specs. Provides high-efficiency filtration with low pressure drop. With a high dirt-holding capacity, they are ideal for highly contaminated lubricants.



## Specifications

### MATERIALS & COMPONENTS:

- **Media Type:** Microglass with Stainless Steel
- **End Caps:** Nylon & Steel
- **Center Tube:** Corrosion Protected Steel
- **Seals:** Viton (FPM)

### CHEMICAL COMPATIBILITY:

- Compatible with all mineral oils, most synthetic oil (PAO & PAG)
- Contact Des-Case technical support for other compatibility inquiries

### PERFORMANCE SPECIFICATIONS:

Product Specification	1300R-KE50 (5 Micron)	1300R-KE50 (10 Micron)
<b>Part Code</b>	<b>DC-C1300RS16CV-B4-KE50</b>	<b>DC-C1300RS16EV-B4-KE50</b>
<b>Filtration Rating</b> (Performance $\beta_x(c) \geq 1000$ per ISO 16889)	7 $\mu\text{m}$	12 $\mu\text{m}$
<b>Clean <math>\Delta P</math></b> (Performance per ISO 3968)	<1 psi / <.1 bar ( $\Delta P$ )	<1 psi / <.1 bar ( $\Delta P$ )
<b>Apparent Dirt Holding Capacity</b> (Performance per ISO 16889)	.6 lb / 290 g	.6 lb / 290 g
<b>Collapse Pressure Rating</b> (Performance per ISO 2941)	145 psi / 10 bar ( $\Delta P$ )	145 psi / 10 bar ( $\Delta P$ )
<b>Replacement Pressure</b>	50 psi / 3.5 bar	50 psi / 3.5 bar
<b>Flow Direction</b>	Outside to Inside	Outside to Inside
<b>By-Pass Cracking Pressure</b>	58 psi / 4 bar	58 psi / 4 bar
<b>By-Pass Element Rating</b>	50 $\mu\text{m}$ Stainless Steel Mesh	50 $\mu\text{m}$ Stainless Steel Mesh
<b>Temperature Range</b>	-4 °F to 212 °F / -20 °C - 120 °C	-4 °F to 212 °F / -20 °C - 120 °C

### DIMENSIONS:

Note: All dimensions are in inches/[mm]

