

Developed for Industrial Diesel Applications

FAUDI Diesel FDC type Coalescer elements are part of a complete diesel fuel cleanliness system. They are characterized by high water removal efficiency at high flow rate.

Diesel fuel can become contaminated during transportation and storage. These contaminants degrade fuel cleanliness below the minimum requirements set by engine manufacturers. Coalescer elements are used in combination with Separator elements to ensure that the diesel fuel meets the applicable cleanliness standards.



Benefits

- Protect against contaminants overloading on-board filtration system
- Minimize microbial infestation from water in bulk fuel storage
- Prolong equipment uptime
- Extend service intervals

Application Areas

- Mining
- Refineries, Terminals & Tank Farms
- Power Generation & Gas Turbines
- Ships, Super Yachts & Marine Loading
- Rail & Road Transportation
- Other Bulk Diesel Transfer Applications

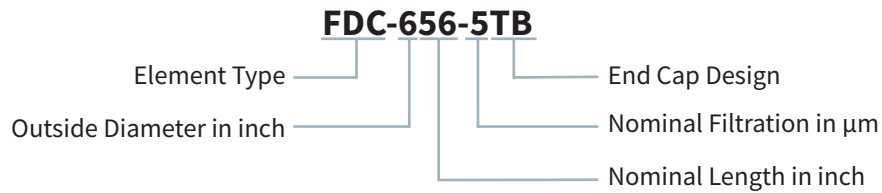
Technical Data

- | | |
|---|----------------------------|
| • Nominal filtration: | 25 µm (other upon request) |
| • Flow direction: | In-to-out |
| • Recommended change-out differential pressure: | 1.7 bar (25 psi) |
| • Maximum pressure differential rating: | 5.2 bar (75 psi) |
| • Operating temperature: | Max. 80°C (176°F) |

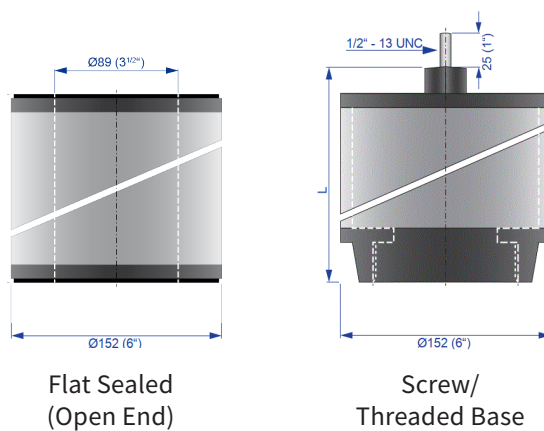
Standard Design

- | | |
|---------------------|-----------------------------------|
| • Outside diameter: | 152 mm (6 inch) |
| • Center tube: | Epoxy coated steel |
| • Gaskets: | FKM (Viton®) |
| • End caps: | Polyamide, reinforced glass fibre |

Element Code



End Cap Design



Element Selection

Nominal filtration (μm)	Nominal Length L		Flat Sealed (Open End)	Nominal Length L		Screw/ Threaded Base
	mm	inch		mm	inch	
25	729 ¹⁾	29 ¹⁾	FDC-629-_	705 ¹⁾	29 ¹⁾	FDC-629-_TB
	844 ¹⁾	33 ¹⁾	FDC-633-_	834 ¹⁾	33 ¹⁾	FDC-633-_TB
	965 ¹⁾	38 ¹⁾	FDC-638-_	965 ¹⁾	38 ¹⁾	FDC-638-_TB
	1094	44	FDC-644-_	1114	44	FDC-644-_TB
	1422	56	FDC-656-_	1418	56	FDC-656-_TB

- 1) Non-standard length. These and other lengths are also available. Please inquire.
2) Other upon request.