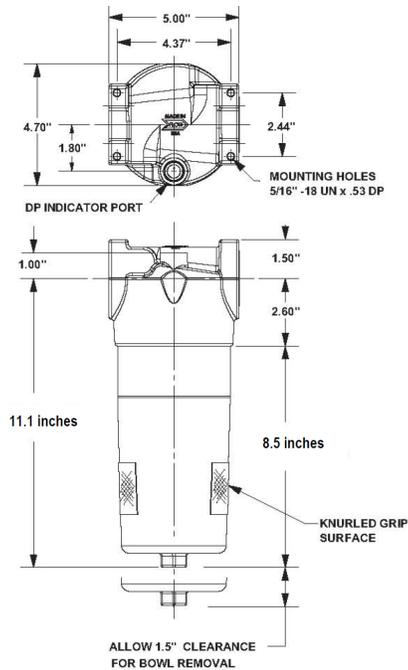


981 Series

Particulate Removal Vessels

LUBE & HYDRAULIC OIL FILTRATION



In-line Filter Housing

- **High-Performance Filtration:** Designed for reliable, high-pressure inline filtration in hydraulic and lube oil systems, supporting flows up to 20 gpm and pressures up to 1,200 psig
- **Compact & Rugged:** Ideal for mobile equipment, small hydraulic power units, and lube systems where larger assemblies aren't practical
- **Superior Protection:** Offers a more robust and durable alternative to spin-on filters, providing enhanced protection for critical components
- **Flexible Filtration:** Accommodates 4-inch filter elements with multiple micron ratings for tailored particulate removal

The Model 981 delivers dependable filtration performance in a reduced footprint, helping extend equipment life and reduce the risk of oil-related failures and unplanned maintenance.

Specifications	
Flows Up To	40 GPM / 152 lpm
Inlet / Outlet Connections	1-½ inch NPTF
Seal Material and Type	Fluoroelastomer Circumferential Bowl Seal
Materials of Construction	Head: Die Cast Aluminum Bowl: Anodized Die Caste Aluminum By-Pass Valve: Nylon Filtration Element: Tin coated carbon steel end caps and center tube. Epoxy adhesives and inert micro-fiberglass filtration media
Fluid Compatibility	Petroleum Based Fluids (maximum viscosity = ISO 320)
Max. Operation Pressure / Static Burst Pressure	1,200 psig (83 bar) / 3,000 psig (206 bar)
Rated Fatigue Pressure	0—1000—0 psig for 1,000,000 cycles
Application	Inline Oil Filtration or Return Line Oil Filtration (maximum viscosity = ISO 320)
Recommended Change-Out Differential Pressure	25 psid (1.7 bar)
Differential Pressure Indicator Type and Setting Type	Visual — mechanical “pop-up” type indicator with Fluoroelastomer seal. Setting = 44 psid
By-Pass Valve Rating	50 psid (3.4 bar)
Operating Temperature Range	-15°F — 250°F (-26°C—120°C)
Replacement Filtration Elements	8 inch (204 mm) length elements
Replacement Filtration Element Ratings	$\beta_x=200$: 1, 3, 6, 12, or 25 μm / $\beta_x(c)=1000$: 3, 5, 7, 12, 22 μm
Assembly Weight	8.8 pounds (4 kg)
SEAL KIT	Part Number 981-SEAKKIT (includes o-ring bowl seal)

NOTE: Filtration Element not included. Order separate.

