



900243 87SB-5-T Diesel BF System

Powder-Coated



Used For

- Fuels with free water & larger particles (bag filter)
- Diesel fuel & other fuels
- Use with petroleum or synthetic fluids

Capacity, Sump Size & Flow Rate

- Requires 40 Qt./37.9 L. of makeup fluid (housing volume)
- Diesel sump range: 0-500 Gal/0-1893 L.
- **Flow rate range for Diesel Fuel: From 4-5 GPM/15.1-18.9 LPM

Other Specifications

- 5 GPM 65 PSI pump (*not fluid flow rate*)
- 3/4 HP 1725 RPM motor (TEFC)
- 120 volt, single phase
- 12' heavy duty power cord
- PSI switch low limit-12, high limit-65
- Pressure gauge **NEW go-no-go gauge for indicating element**
- Push sample port (*located on back panel*)
- Transfer valve
- Hoses
 - Suction-3/4" ID x 10' (3/4" male NPT x 3/4" female JIC)
 - Discharge-5/8" ID x 10' (3/4" male NPT x 5/8" female JIC)
- Max operating pressure 80 PSI
- **Optimal running pressure between 20-50 PSI (change filter when 50-60 PSI) - **NEW go-no-go gauge for indicating element change**

Overall Dimensions

- 46" (H) *Plus 20" Clearance above to remove filter*
- 23" (W)
- 23" (D)
- 200 lbs./90.7 kg. shipping weight

Notes

- **Viscosity, operating temperature, and generated contamination will affect sizing and flow rates of filtration equipment
- Most applications, elements need to be changed between 300-1000 hours for optimal performance, ideally change the element when the flow is half the starting flow or the PSI is double the starting PSI
- Available in stainless-steel
- Available option for water-based lubricants
- Available options for oil
- Other system configurations are available

Recommended Elements & Bag Filters

- Model 1002 for: Diesel Fuel

Note: All bag filters listed below go in front of the depth media filter to capture a larger quantity of contaminants before polishing the oil to a finer degree by the depth media filter

- Disposable bag filter models follow: **566** (5 micron), **567** (10 micron), **568** (15 micron), **569** (25 micron), **570** (50 micron), **571** (75 micron), **572** (100 micron), **3617** (150 micron), **3892** (200 micron), any customizable 3-layer back of your choice

Harvard Corporation is able to meet many custom requirements, please contact us with your specific custom needs