

400B SERIES

SOTERA[®]

PROUDLY MANUFACTURED BY TUTHILL



DURABLE. RELIABLE. VERSATILE.

RUGGED CHEMICAL & INDUSTRIAL FLUID TRANSFER

The Sotera 400B Series pump is designed to provide a complete transfer solution to multi-viscosity applications. This self-priming, positive displacement, double action diaphragm is capable of moving upwards of 13GPM (49 LPM) at a maximum pressure of 15 PSI. Our ¼ horsepower platform is available across three voltage classes in both non-explosion (12V DC, 120V AC) and explosion-proof (12V DC, 24V DC, 120V AC) motors. Manufactured in the USA and available from your local distributor, retail store, or e-commerce channel, the Sotera 400B Series offers an array of configurations for a solution to nearly any transfer application. Always refer to the Sotera Chemical Resistance Guide for proper product selection for the appropriate chemical compatibility.

SOTERA - MORE THAN YOU IMAGINED

 Tuthill

400B SERIES



Motor

- ¼ HP, multiple voltage classes
- 30-minute duty cycle
- Thermally protected motor prevents overheating to ensure maximum motor life
- Lightweight & compact
- Anodized coating (explosion-proof) / die-cast aluminum (non-explosion-proof) for protection against the elements
- Maximum sound level: 76.6 dBA

Pump

- Positive displacement, self-priming, double-diaphragm design
- Viscosities up to 3,700 cP
- Maximum particle size up to ¼"
- Pump can run dry without damage
- 1" port size - NPT threads
- Wetted materials: Santoprene, Hytrel (diaphragms); Buna-N, EPDM, Fluorocarbon (seals); Polypropylene, Stainless Steel, and Hastelloy (structural components)

OTHER FEATURES & BENEFITS

Fluid Compatibility by Diaphragm

Santoprene (Chemical)	Hytrel (Petroleum)
<ul style="list-style-type: none"> • Water • Pesticides • Liquid Fertilizers [UAN 28-32] • Crop Oil • Soaps • Detergents • Mild Acids 	<ul style="list-style-type: none"> • Oils & Lubricants • Gear [GL-1 to GL-5] • Hydraulic [HL, HM, HR] • Motor • 000 Greases

Power Cables, Installed or Included

- Power cables are provided installed or included with all voltage and motor classifications. Length (between 6' - 20') and type (with or without a fuse) vary by model.

Optional Flow Meters

- **825 / 850 Series**
Rugged, corrosion-resistant body
Easy to install
Accuracy up to +/- 0.5% calibrated
- **TT10 Series**
In-line turbine meter accurate to +/- 1%
20 fluid factory presets
UL / ATEX certified
Maximum viscosity 79 cP

STANDARD WARRANTY (MOTOR TO PUMP)



MOTOR



PUMP

INDUSTRY APPLICATIONS



AGRICULTURE



INDUSTRIAL
(Factory or General Industry)



MECHANICAL OR HYDRAULIC POWER TRANSMISSION
(Transportation, Aerospace and Defense, Power)

CERTIFICATIONS



Certifications apply to explosion-proof models only. Certifications vary by model.

SOT-BR-837_EN



TUTHILL FORT WAYNE
8825 Aviation Drive
Fort Wayne, Indiana 46809
(800) 634-2695 or (260) 747-7524

