



# Mud-Sucker® Diaphragm Pumps **The Pump With Attitude**

## **B Series**

### 4" Mechanically Driven "Compact" Ball Valve Diaphragm Pump

The Mud-Sucker "4B-EC" Series is designed to pumping any type of non-explosive liquid or oil, including raw sewage, debris-laden water, and marine bilge wastewater.



#### PERFORMANCE RANGE:

|                            |                                 |
|----------------------------|---------------------------------|
| <b>MAX. CAPACITY</b>       | 110 GPM                         |
| <b>MAX. SUCTION LIFT</b>   | 25' Vertical or 75' Horizontal  |
| <b>MAX. DISCHARGE HEAD</b> | 50' Vertical or 300' Horizontal |
| <b>SOLIDS HANDLING</b>     | 2-1/4" Dia. or 50% by volume    |
| <b>ESTIMATED WEIGHT</b>    | 800 lb.                         |

Photo is for illustrative purposes only.

#### PUMP & MOTOR SPECIFICATIONS:

|                                |   |
|--------------------------------|---|
| <b>SUCTION INLET SIZE</b>      | 4" NPT  |
| <b>DISCHARGE OUTLET SIZE</b>   | 4" NPT  |
| <b>MAX. LIQUID TEMPERATURE</b> | 210°F Continuous  |
| <b>PUMP BODY CASING</b>        | Cast Iron ASTM A48; Class 30-35   |
| <b>DIAPHRAGM</b>               | 14-3/4" OD Thermoplastic Elastomer (Red) [-25 Degrees to 212 Degrees]<br><i>Optional: Neoprene (Black)</i>  |
| <b>CLAMPING RING</b>           | Cast Iron ASTM A48; Class 30-35   |
| <b>CLAMPING PLATE</b>          | Cast Iron ASTM A48; Class 30-35   |
| <b>BALL VALVES</b>             | 5-1/8" dia. Polyurethane with Steel Core  |
| <b>VALVE SEAT</b>              | Cast Iron ASTM A48; Class 30-35 ( <i>Optional: Bronze or Stainless Steel</i> )  |
| <b>PUMP ROD</b>                | CR Steel x 14-1/2" L  |
| <b>SAMPLING VALVE</b>          | 1" Bronze Quick-Opening Sampling Ball Valve   |
| <b>BEARING ROD END</b>         | <i>Body:</i> Cast Iron<br><i>Bearing:</i> Needle Ball Bearing with Inner Ring<br><i>Fitting:</i> Alemite Grease Fitting<br><i>Shaft:</i> Carbon Steel 1040  |
| <b>GEARBOX</b>                 | Helical Parallel Gearmotor, SEW Eurodrive or equal  |
| <b>MOTOR SPECIFICATION</b>     | <i>Horsepower:</i> 5 HP<br><i>Speed:</i> 1800 RPM<br><i>Power Supply:</i> Three-Phase; 60 Hz; , 230/460V or 575V<br><i>Enclosure:</i> NEMA TEFC<br><i>Duty:</i> Continuous; <i>Ambient Temp:</i> 104°F (40°C)<br><i>Max. Output Speed:</i> 60 RPM |

#### ACCESSORIES:

|                         |   |
|-------------------------|---|
| <b>HOSING</b>           | Suction and Discharge Hosing in various lengths available |
| <b>CAMLOCK FITTINGS</b> | Suction and Discharge Aluminum Camlock fittings available |



**Customer Service: 1-888-829-2783 • Fax: 1-888-883-3320 • E-mail: info@wastecorp.com**  
**International: +1-201-445-2882**

Mud-Sucker Diaphragm Pumps are OEM designed and manufactured By Wastecorp Pumps in North America.

Copyright © Wastecorp Pumps 2008