



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

### 3FA-EC-C Professional Series. Electric Pump With Wheel Kit

#### Pump Performance Range

<b>Max. capacity</b>	80 GPM (5 lps)
<b>Max. suction lift</b>	25' (7.6m) vertical or 75' (22.9 m) horizontal
<b>Max. discharge head</b>	50' (15.2 m) vertical or 300' (91 m) horizontal
<b>Solids handling</b>	2.250 dia. or 50% by volume



#### Pump and Motor Specifications

<b>Suction inlet size:</b>	3" (female threaded)
<b>Discharge outlet size</b>	3" (female threaded)
<b>Max. liquid temperature</b>	220 °F (104 °C) continuous
<b>Pump body casing</b>	Marine grade aluminum (ASTM A356, Class 30)
<b>Diaphragm</b>	13" dia. TPE Santoprene™ heavy duty*. Resists water, wastewater, oils, solvents, chemicals, mud, wastewater, blood, food processing waste, alcohols, ketones, glycols, esters, acids, salts and bases and many other fluids.
<b>Flapper valves</b>	Fabric reinforced BUNA-N
<b>Gear box</b>	Siemens® / SEW Eurodrive® Model R57 cast iron housing with heat treated gears
<b>Hardware</b>	Zinc coated
<b>Rod End Bearing</b>	Cast iron, coated for corrosion resistance
<b>Bearing:</b>	Sintered steel
<b>Ball Bearing:</b>	Heat treated, oil impregnated
<b>Ultimate radial static load capacity</b>	9,000 lbs.
<b>Approx. weight &amp; dimensions</b>	180 lbs (81.6 kg) - 2'x2'x2'
<b>Motor specifications</b>	Horsepower: 3 Speed: 1800 RPM Power Supply: Three-Phase; 60 Hz; , 230/460V Enclosure: TEFC Duty: Continuous; Ambient Temp: 104 °F (40 °C)

\* Santoprene is a registered trademark of Exxon Mobil Corporation.