

EBARA



# Submersible Wastewater, Sewage Pump

Model DLFU  
Model DVFU  
Model DDLFU



water | wastewater | flood control



**EBARA**

**EBARA** Fluid Handling

*an EBARA International Corporation company*





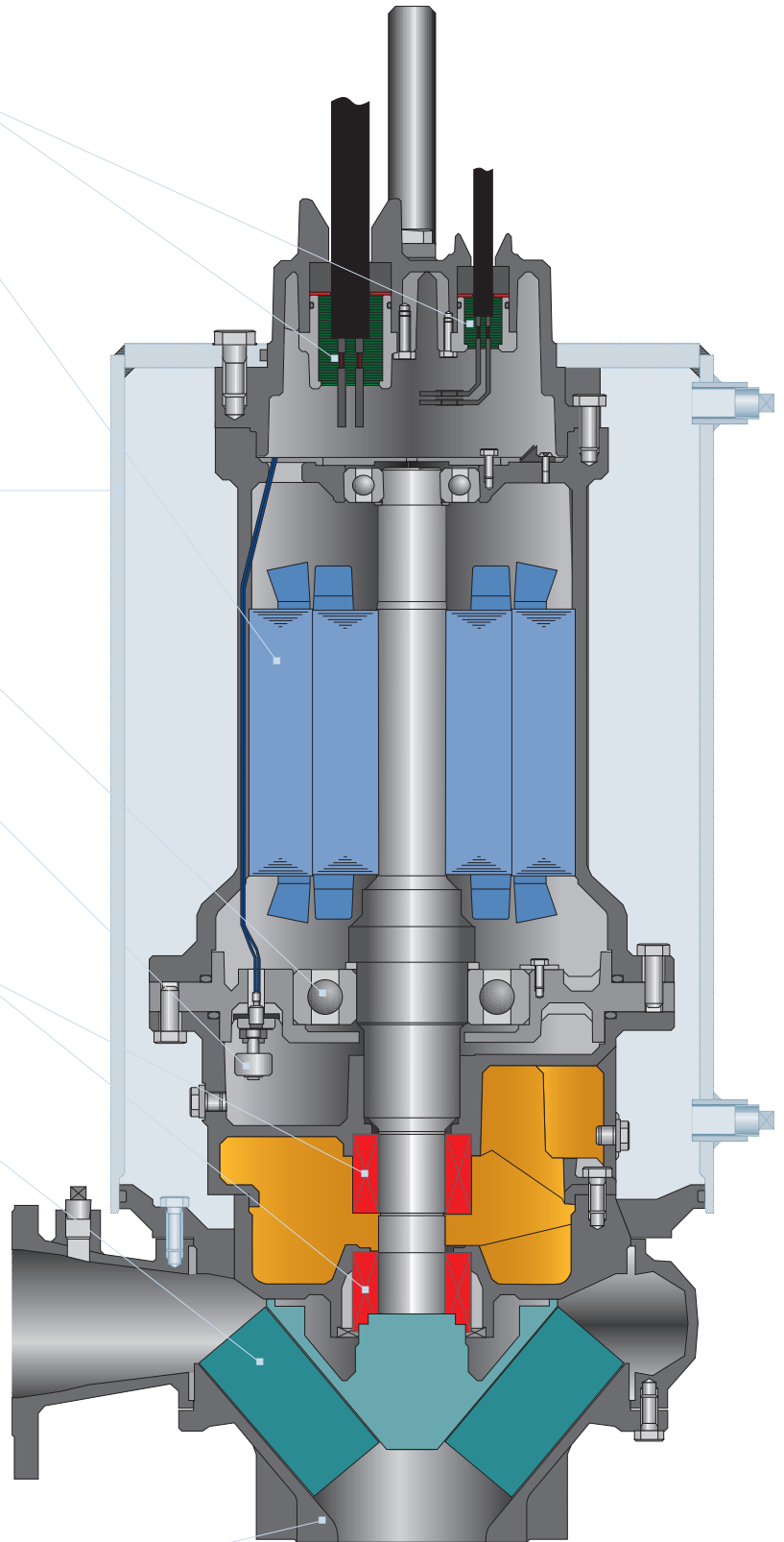
# Model DLFU, DLKFU, DDLFU

## Features

- **Watertight cable entry system** prevents capillary action and protects against moisture; reduces maintenance costs
- **Heavy duty, high efficiency, air filled, Class H insulated, rated for 356°F with a 1.15 service factor** dissipates heat easily; thermal protection in each phase of windings protects; operates cooler with higher efficiencies; longer service life with lower operating costs
- **Self cooling jacket** (Model DDLFU) eliminates the need for external pumping devices or special heat transfer fluids; offers simplicity and high reliability by effectively dissipating heat in dry pit applications only
- **Single and double row thrust bearings** carries thrust loads with L-10 life of 60,000 hours; ensures long, dependable operation and lowers maintenance costs
- **Mechanically actuated float switch** provides early warning of mechanical seal failure; avoids costly motor repairs
- **Double mechanical seals – silicon carbide lower seals, carbon/ceramic upper – hard faced upper and lower seals operate in an oil bath;** providing longer service life and lower maintenance costs
- **High efficiency impellers** pass large solids with high outputs and reduces power consumption; impellers are optimized for hydraulic coverage; lowers operating costs

**Model DLKFU series pumps** are designed to tackle clogging challenges with enhanced passage capabilities for handling of fibrous waste. The design features address the most common reasons for clogging caused by fibrous materials: Reduces material caught on the vane tips, increases inlet pressure which keeps debris moving instead of recirculating and E-eliminators groove disrupts the accumulation of fibrous debris

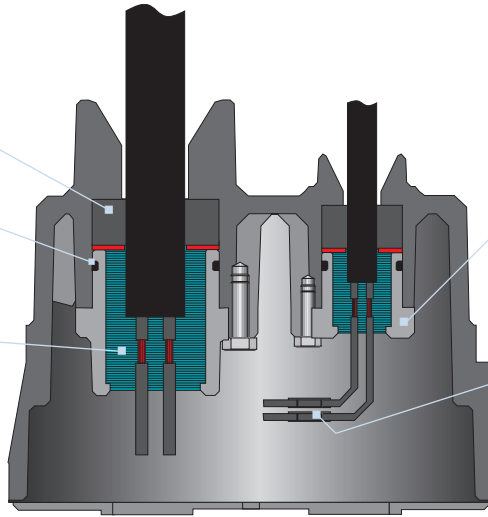
- **Replaceable wear components** maintains working clearances while reducing casing and volute costs



# Model DLFU, DLKFU, DDLFU

## Cable Entry System

- Primary seal – grommet (NBR)
- Secondary sealing – O-rings (NBR)
- Epoxy resin – prevents capillary action
- Solid joint butt connector (copper)
- Cable gland (grey cast iron)
- Solid joint butt connector (copper)

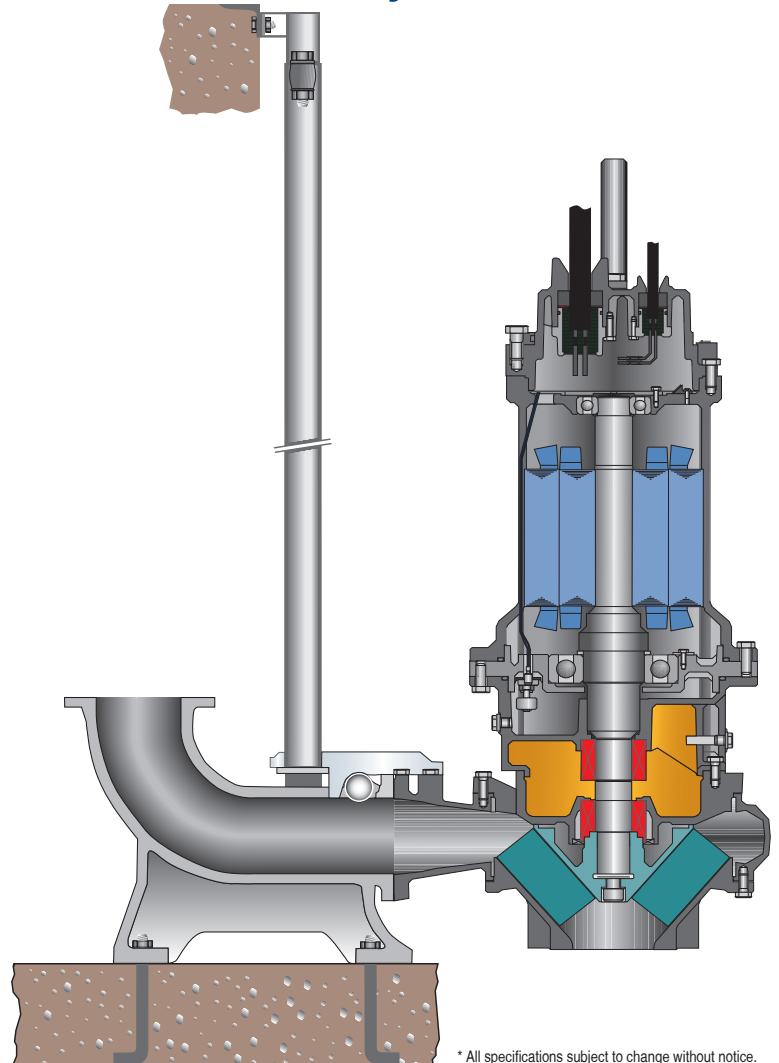
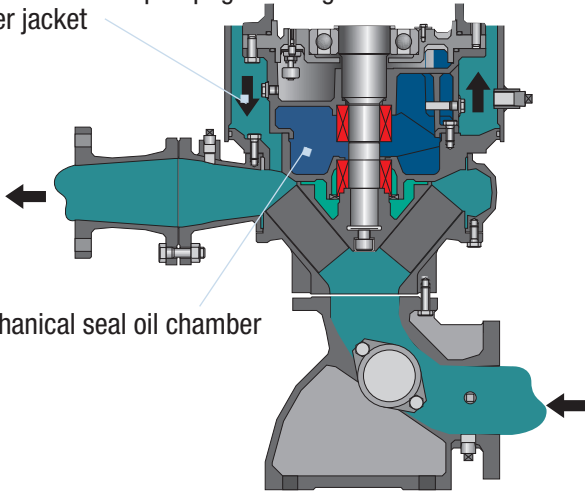


*Note:* Entry system is the same for both power and control cables.

## QDC & Slide Rail System

### DDLFU Dry Pit Design

- Motor cooling is provided by internal recirculation of pumpage through water jacket
- Mechanical seal oil chamber



\* All specifications subject to change without notice.



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