

Model CLFU

Submersible Wastewater



water | wastewater | flood control

Model CLFU

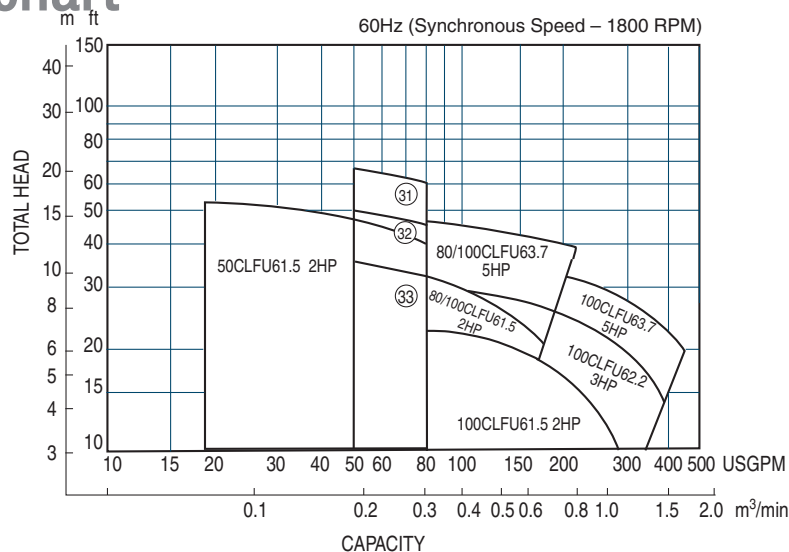
Features

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

Standard Specifications

Design	Discharge Horsepower Capacity Total head Max.Liquid temp.	2, 3, 4 inch 2 to 5HP, Single Phase 13 to 550 GPM 7 to 65 feet 104°F/40°C
Speed		1800 RPM
Materials	Casing Impeller Shaft Motor Frame Fastener	Cast Iron Cast Iron 403 Stainless Steel Cast Iron 304 Stainless Steel
Construction	Mechanical Seal Double Mechanical Seal Material – Upper Material – Lower Impeller Type Bearing Motor Three Phase Service Factor Motor Protection	Carbon/Ceramic <i>Optional:</i> Tungsten Carbide/Tungsten/Carbide Silicon Carbide/Silicon Carbide <i>Optional:</i> Tungsten Carbide/Tungsten/Carbide Semi-open Prelubricated Ball Bearing Air-filled, Insulation Class H 208/230V, 460V 1.15 Built-in Thermal Detector - Klixon Mechanical Seal Leakage - Float Switch
Submersible Cable		40 ft. standard cable length, Optional 66 ft. Optional ____ ft. (customer specified)
Accessories		Optional QDC System

CLFU selection chart



31	80CLMFU63.7	5HP
32	80CLMFU62.2	3HP
33	80CLMFU61.5	2HP

* All specifications subject to change without notice.



EBARA Fluid Handling

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