

EBARA

# Model CLFU

## Submersible Wastewater



water | wastewater | flood control

EBARA

EBARA Fluid Handling

*an EBARA International Corporation company*

# Model CLFU

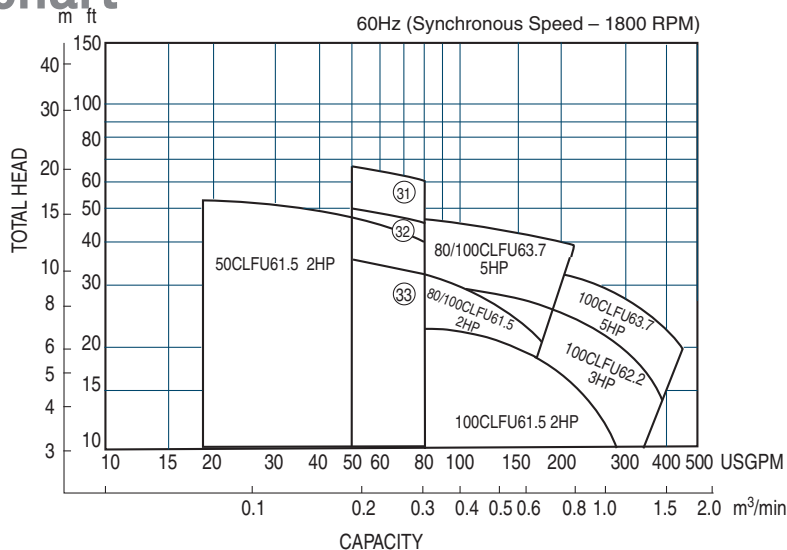
## Features

- **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

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

## CLFU selection chart



\* All specifications subject to change without notice.



### EBARA Fluid Handling

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