

EBARA



**EBARA**

**EBARA** Fluid Handling



# Submersible Sewage Pump

Model DLU



water | wastewater | drainage

*an EBARA International Corporation company*

# Model DLU

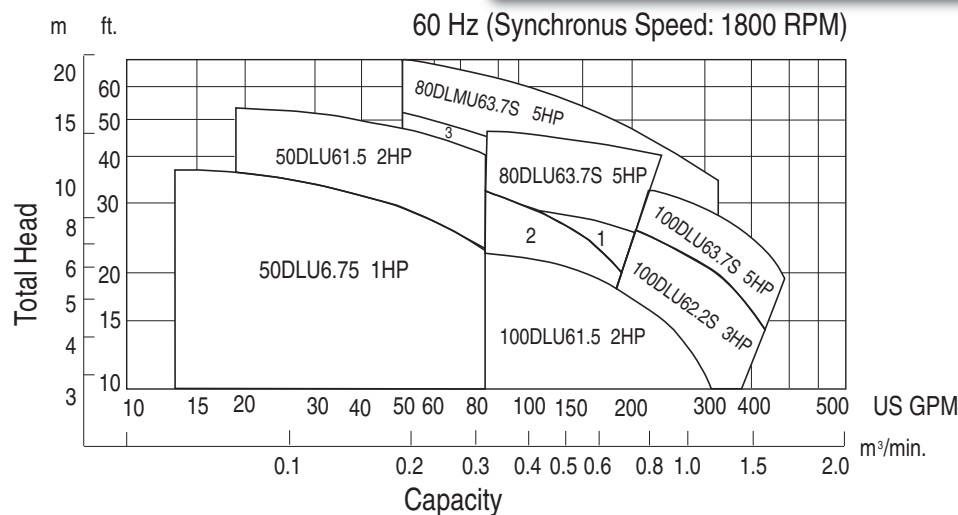
## Features

- **Air filled, Class F insulated, heavy duty motor, rated for 20 starts/hour,** dissipates heat easily, operates cooler with higher efficiencies; longer service life with lower operating costs
- **Built in motor protection with autocut** protects motor against overheat, out of phase, single phasing, and no load; saves money on costly motor replacement
- **Molded cable prevents capillary action,** reduces maintenance costs by replacing only the cable rather than the motor
- **60,000 hour bearings** ensure long dependable operation; lower maintenance costs
- **Large solids handling capabilities** prevents clogging
- **Semi-open impellers;** offer the best design for handling stringy and/or abrasive materials better due to large wear area and open passageways, providing durability and longer life
- High quality stainless steel shaft; provides high tensile strength, corrosion resistance, longer life, and lower maintenance costs
- **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 wire to water efficiencies** - reduced power consumption, reduced cost of operation
- **Available for slide rail installations** provides ease of maintenance for small sump type installations

## Standard Specifications

<b>Design</b>	Discharge	2, 3, 4 inch
	Horsepower	1 to 5HP, Single Phase 1 to 2 HP, Three Phase
	Capacity	13 to 430 GPM
	Total head	9 to 66 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
	Material – Lower	Silicon Carbide/Silicon Carbide
	Impeller Type	Semi-open
	Bearing	Prelubricated Ball Bearing
	Motor	Air-filled, Insulation Class F
	Single Phase	208/230V
	Three Phase	208/230V, 460V
	Service Factor	1.15
Motor Protection	Built-in Auto cut - overload, out of phase, single phasing protection	
<b>Submersible Cable</b>	33 ft. standard cable length, Optional 66 ft.	
<b>Accessories</b>	Optional QDC System	

## DLU selection chart



- 1 80DLU62.2S 3HP
- 2 80DLMU61.5 2HP
- 3 80DLMU62.2S 3HP

\* All specifications subject to change without notice.



### EBARA Fluid Handling

1651 Cedar Line Drive • Rock Hill, SC 29730 • t (803) 327-5005 • f (803) 327-5097

[www.pumpsebara.com](http://www.pumpsebara.com)

© 2011 EBARA International Corporation, All rights reserved.

EFHDLU1011