

EBARA



# Submersible Sewage Pump

Model DLU



water | wastewater | drainage

# Model DLU

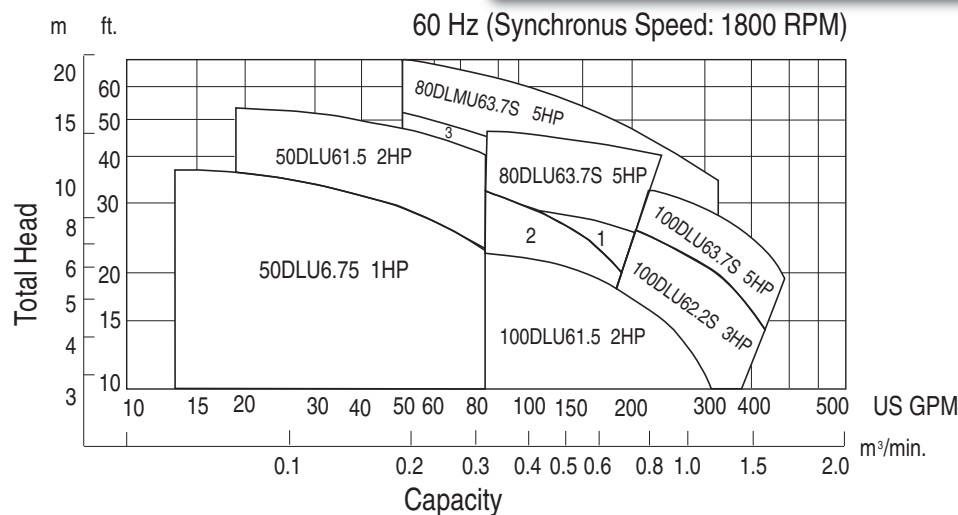
## Features

- **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<br>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