

EBARA



# Submersible Semi-open Vortex Sewage Pumps

Model DVFU



water | wastewater | sewage | drainage



EBARA Pumps Americas Corporation

# Model DVFU

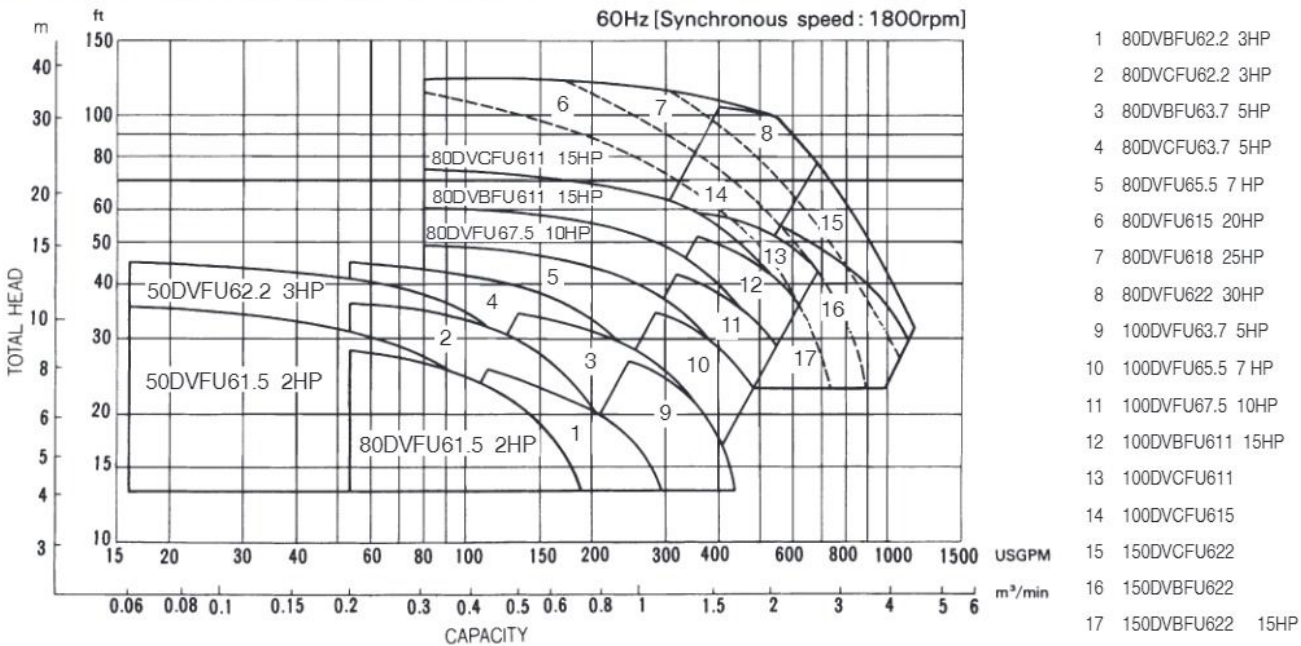
## Features

- **Air filled, 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 overheating, single phasing, and no load; saves money on costly motor replacement
- **Molded cable** prevents capillary action; reduces maintenance costs
- **60,000 hour bearings**; ensures long, dependable operation and lowers maintenance costs
- **Large solids handling capabilities** prevents clogging
- **Semi-open vortex type recessed impeller**; vortex action prevents clogging and handles stringy material better vs moving pumpage through impeller vanes; provides durability, high reliability, and lowers maintenance costs
- **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
- Three phase, FM explosion proof, Class 1, Div. 1, Group C & D available in DVFMU series 2 HP and above

## Standard Specifications

<b>Design</b>	Discharge Horsepower Capacity Total head Max.Liquid temp.	2, 3, 4, 6 inch 2 to 30HP 16 to 1200 GPM 13 to 121 feet 104°F/40°C
<b>Speed</b>		1800 RPM
<b>Materials</b>	Casing Impeller Shaft  Motor Frame Fastener	Cast Iron Cast Iron 403 Stainless Steel, 2 to 5HP 420 Stainless Steel, 7½ to 30HP Cast Iron 304 Stainless Steel
<b>Construction</b>	<b>Mechanical Seal</b> - Double Material - Upper Material - Lower Impeller Type Bearing Motor  Three Phase Service Factor Motor Protection	Mechanical Seal Carbon/Ceramic Silicon Carbide/Silicon Carbide Recessed Vortex Impeller Prelubricated Ball Bearing 2-5HP=Class F Insulation, 7.5-60HP=Class H Insulation <i>Optional:</i> FM Explosion Proof Class 1, Division 1, Group C, D 208/230V, 460V 1.15 Built-in Thermal Detector - Klixon Built-in Mechanical Seal Leakage
<b>Submersible Cable</b>		2 to 5HP - 33 ft. standard cable length 7½ to 30HP - 40 ft. standard cable length Optional _____ ft. (customer specified)
<b>Accessories</b>		Optional QDC System

## DVFU selection chart



\* All specifications subject to change without notice.



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