

Submersible Semi-open Vortex Sewage Pumps

Model DVFU



water | wastewater | sewage | drainage

Model DVFU

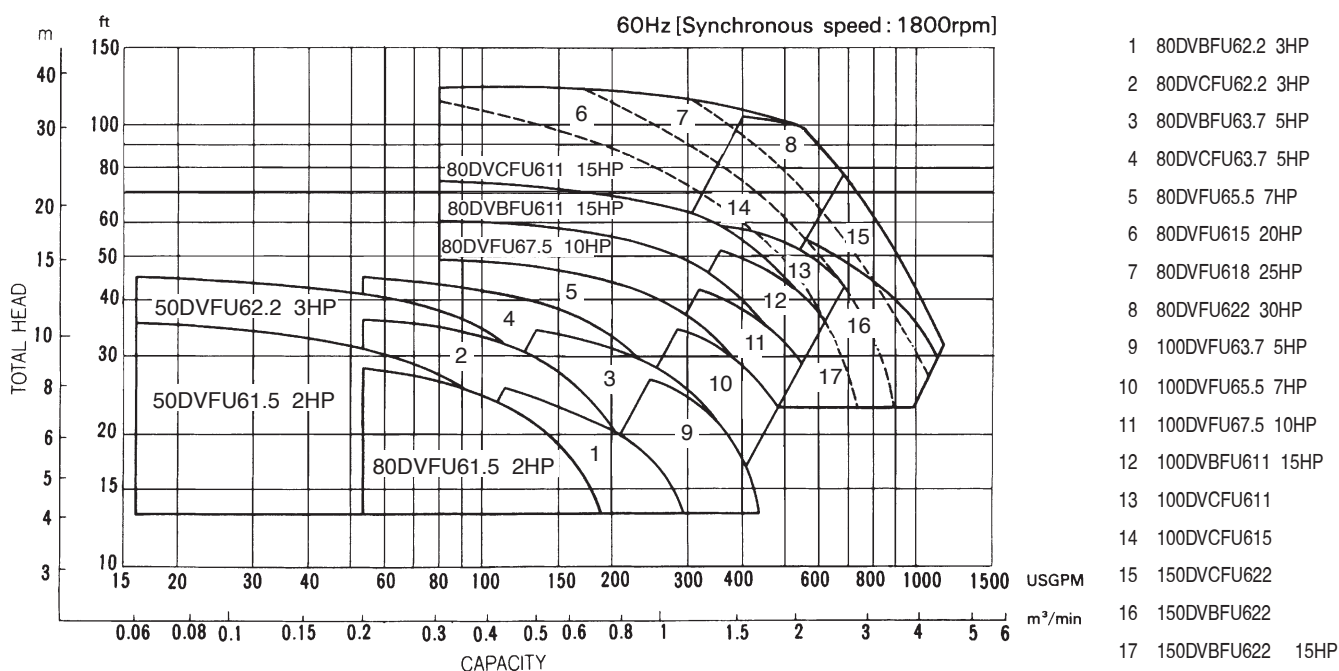
Features

- **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

Design	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
Speed		1800 RPM
Materials	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
Construction	Mechanical Seal - 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 Insulation Class H; <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
Submersible Cable		2 to 5HP - 33 ft. standard cable length 7½ to 30HP - 40 ft. standard cable length Optional _____ ft. (customer specified)
Accessories		Optional QDC System

DVFU selection chart



* 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

© 2011 EBARA International Corporation, All rights reserved.

EFHDVFU1011