

EBARA

Submersible Vortex Sewage Pump

Model DVU



water | wastewater | sewage | drainage



EBARA International Corporation

Standard Pump Division

Model DVU

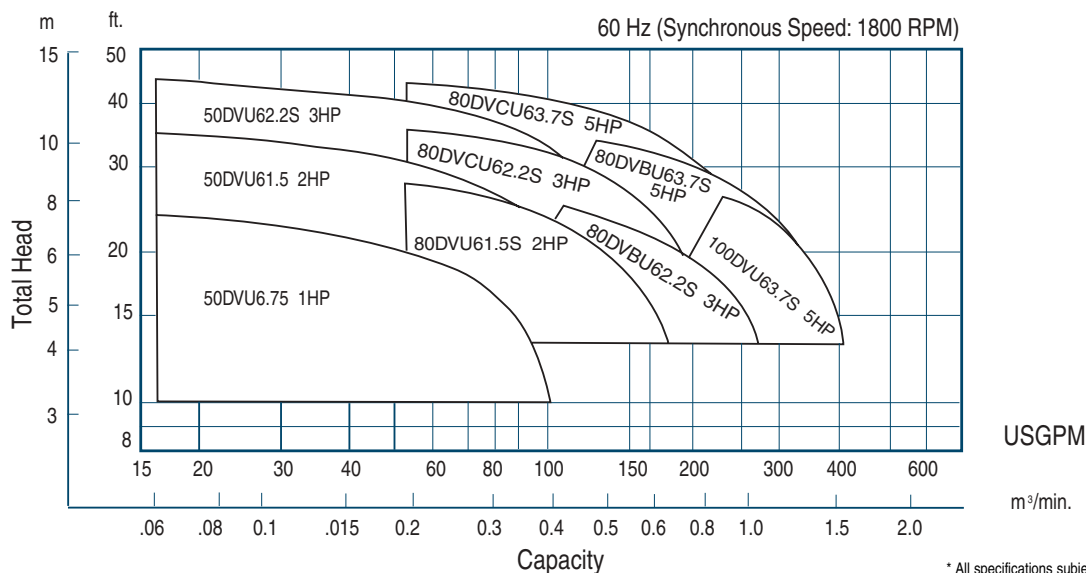
Features

- **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 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
- **Open vortex type recessed impeller** – vortex action prevents clogging and handles stringy material better; providing 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

Specifications

Range	Discharge size Horsepower	2, 3, 4 inch 1 - 5HP Single phase 1 - 2HP Three phase
Liquid	Maximum water temp. Maximum spherical solid	104°F 2" - Model 50DV 2½" - Model 80DV, DVC (2, 3 HP) 3" - Model 80DV (3, 5 HP) 4" - Model 100DV
Speed		1800 RPM
Materials	Casing Impeller Shaft	Cast Iron Cast Iron 403 Stainless Steel
Construction	Seal Impeller type	Double mechanical seal Vortex recessed impeller
	Bearing	Pre-lubricated ball bearing
Motor	Type Insulation class Single phase Three phase Protection Service factor	Air filled water tight F 208/230V 208/230V/460V Built-in overload protector - autocut 1.15
Accessories		Submersible cable – 33ft Optional 66 ft cable

DVU selection chart



* All specifications subject to change without notice.



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