

EBARA

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Submersible Semi-vortex Sewage Pump

Model DVSU
Model DVSHU



water | wastewater | drainage | effluent | hot water



EBARA International Corporation

Standard Pump Division

Model DVSU Model DVSHU

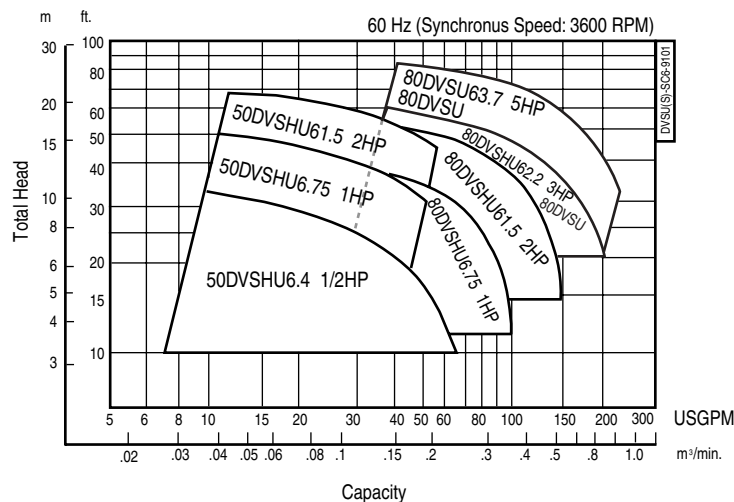
Features

- **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 semi-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 (Model DVSHU have silicon carbide uppers)
- **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 inch 1/2 - 5HP DVSHU (hot water) 3 - 5HP DVS
Liquid	Maximum water temp. Maximum spherical solid	122°F Model DVSU 158°F Model DVSHU (up to 1HP) 176°F Model DVSHU (2 - 5HP) 1 1/4" - Model 50DVS 1 3/4" - Model 80DVS (up to 2HP) 2 1/4" - Model 80DVS (3, 5HP)
Speed		3600 RPM
Materials	Casing Impeller Shaft Mechanical seal Impeller side Motor side Elastomer	Cast Iron Cast Iron 403 Stainless Steel Silicon carbide/Silicon carbide Ceramic/Carbide Sil. car./Sil. car. (DVSHU) NBR (DVS) Viton (DVSHU)
Construction	Seal Impeller type Bearing	Double mechanical seal Open, Semi-vortex impeller Pre-lubricated ball bearing
Motor	Type Insulation class Phase Protection Service factor	Air filled, 2 pole F (DVSU 2 - 5HP) H (DVSHU 1/2 - 1HP) Three Built-in overload protector - autocut 1.15
Accessories		Submersible cable – 33 ft optional 66 ft – 3 to 5HP

DVSU, DVSHU selection chart



* All specifications subject to change without notice.



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