

EBARA



Submersible Grinder Pump

Model DGUII
Model DGFU



drainage | small scale sewage transfer systems

Model DGUII Model DGFU

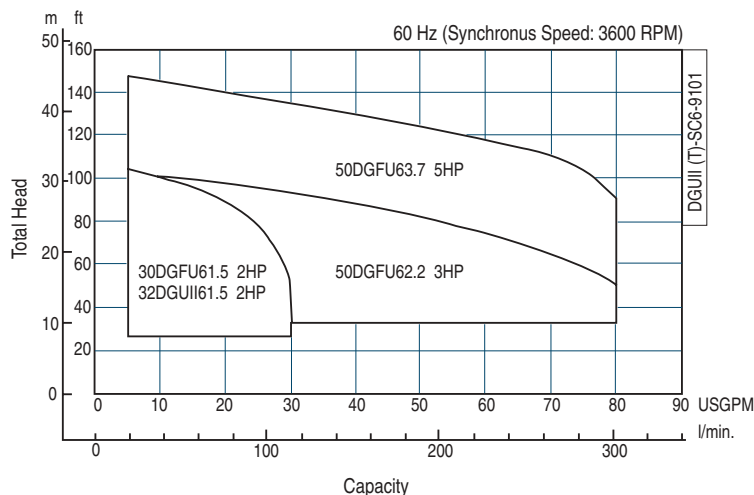
Features

- **Heavy duty high chrome iron grinder system** - powerful blades reduce solid size for smooth, non-clogging flow
- **Reversible grinder ring** provides longer service life and less maintenance
- **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**; (DGUII models) protects motor against overheating, out-of-phase, single phasing, and no load; (DGFU models) provide overtemp and seal fail protection; saving money on costly motor replacement
- **Sealed cable entry system** prevents capillary action and protects against moisture; reduces maintenance costs
- **60,000 hour bearings** ensures long dependable operation; lower maintenance costs
- **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
- **400 series stainless steel shaft** provides high tensile strength as well as corrosion resistance, longer life and lower maintenance costs
- **Double mechanical seals – silicon carbide lower seals, carbon/ceramic upper and lower seals** operate in an oil bath; providing longer service life and lower maintenance costs
- **Small and light weight portability**; easy to transport for temporary installations
- **Available for slide rail installations** provides ease of maintenance for small sump type installations

Specifications

Range	Discharge Size Horsepower	1¼, 2 inch 2, 3, 5 HP
Liquid	Type Maximum water temp. Maximum pump submergence	Sewage 104°F 65 ft
Speed		3600 RPM
Materials	Casing Impeller Shaft	Cast Iron Cast Iron 403 Stainless Steel
Construction	Seal Impeller type Bearing Grinding mechanism Grinder impeller Stationary ring	Double mechanical seal Vortex - recessed, open Pre-lubricated ball bearing Rotating grinder impeller Stationary cutting ring High-chromium cast iron/HRC 60 High-chromium cast iron/HRC 60
Motor	Type Single phase Three phase Protection (DGUII)	Air filled submersible, 2 poles 2, 3, 5 HP 2, 3, 5 HP Built-in overload protector-autocut ¹ Built-in thermal & seal fail protection ² FM Explosion Proof, Class 1, Div. 1, Groups C & D option
1 Built in seal fail protection, float switch, on DGFU model only 2 Available for DGFU models only		

DGUII, DGFU selection chart



* All specifications subject to change without notice.



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