

GF SUBMERSIBLE GRINDER PUMPS



FEATURE

- Durable heavy duty finned cast iron construction.
- Standard accessories include : epoxy resin cable base, dry motor, double mechanical seals, auto-cut protection, double ball bearing support shaft and rotor.
- Vortex impeller design prevents clogging by cutting up articles.
- Radial cutter and cutter ring : corrosion resistant material, hardened to 55-60 Rockwell C.

APPLICATIONS

- Used in pressure sewage system.
- Drainage of wastewater from individual residences, apartment buildings, recreational developments, motels.
- Transferring wastewater of commercial buildings, industrial plants, wastewater sampling, small hospitals.
- Schools, federal, state and local parks, wastewater drainage.
- To transfer various wastewater and sewage.

PRODUCT NOMENCLATURE

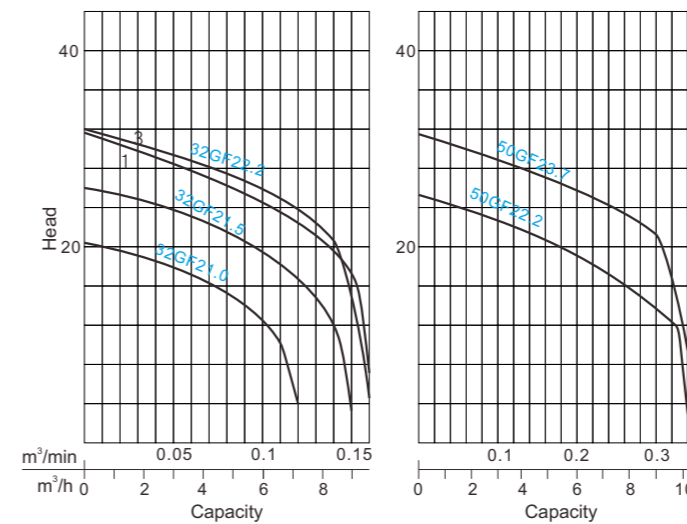
32	GF	2	1.5
Discharge mm	Type	Pole	kW

SPECIFICATIONS

Item	Description	
Liquid temp.	0~40°C(32~104°F)	
Applications	Residential wastewater · Sewage	
Max depth	30m	
Pump sect.	Structure	Impeller: Semi-open
	M. Seal	Double M. seals
	Bearing	Ball type
	Material	Upper cover: FC-200
	Impeller	FC-200
	Radial cutter	SUS440C
Motor sect.	Motor	Cutter ring: SUS440C
		M. seal: Lower: Sic/Sic · Upper: CA/CE
	Insulation	Dry motor
	Frequency	2P (3000RPM)
	Protector	F Class
	Material	Auto-cut
Material	Frame	FC-200
	Main shaft	SUS403
	Cable	VCT or H07RN-F or SJOW/SOW

※Pumps can be customized to fit specifications.

PERFORMANCE CURVES



PERFORMANCE SPEC.

Model	Power HP(kW)	Discharge Inch(mm)	Phase	Start Method	Head m	Capacity		Weight kg	Dimension (mm)		
						m³/min	m³/h		Length	Width	Height
32GF21.0	1.3(1.0)	1 1/4"(32)	1	Capacitor	17	0.06	3.6	28	249	177	555
				Direct							25
32GF21.5	2(1.5)	1 1/4"(32)	1	Capacitor	23	0.06	3.6	36	285	203	597
				Direct							33
32GF22.2	3(2.2)	1 1/4"(32)	1	Capacitor	28	0.06	3.6	38	285	203	630
				Direct							35
50GF22.2	3(2.2)	2"(50)	3	Direct	19	0.2	12	51	393	226	616
50GF23.7	5(3.7)	2"(50)	3	Direct	26	0.2	12	53	393	226	616

Note : Weight W/O Cable

