

# 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

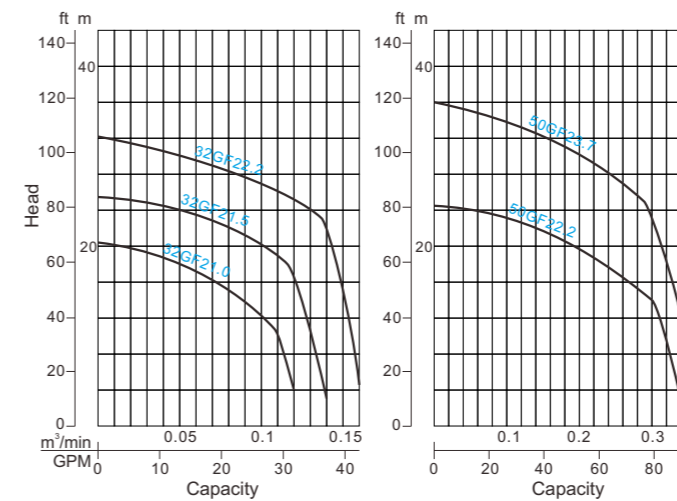
32	GF	2	1.5
Discharge mm	Type	Pole	kW

## SPECIFICATIONS

Item	Description		
Liquid temp.	0~40°C(32~104°F)		
Applications	Residential wastewater · Sewage		
Max depth	30m (100feet)		
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 Cutter ring: SUS440C M. seal: Lower: Sic/Sic · Upper: CA/CE	
		Motor sect.	Motor: Dry motor 2P (3600RPM)
			Insulation: F Class
			Frequency: 60Hz
	Protector: 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 m³/min	Head feet	Capacity GPM	Weight kg(lb)	Dimension (mm)		
										1 / 3	Length	Width
32GF21.0	1.3(1.0)	1 1/4"(32)	3	Capacitor	17	0.06	55	16	28(62)	249	177	555
				Direct								25(55)
32GF21.5	2(1.5)	1 1/4"(32)	3	Capacitor	23	0.06	75	16	36(79)	285	203	597
				Direct								33(73)
32GF22.2	3(2.2)	1 1/4"(32)	3	Capacitor	30.5	0.06	100	16	38(84)	285	203	630
				Direct								35(77)
50GF22.2	3(2.2)	2"(50)	3	Direct	19.5	0.2	65	52	51(113)	393	226	616
50GF23.7	5(3.7)	2"(50)	3	Direct	30	0.2	98	52	53(117)	393	226	616

Note: Weight W/O Cable

