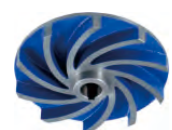




GF SUBMERSIBLE GRINDER PUMPS

FEATURE

- 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 SUS440C : corrosion resistant material, hardened to 55-60 Rockwell C.
- Specific single phase design for starting torque, and its torque is five times stronger than General capacitor pump. The impeller can prevent from clogging when grinding the objectives.
- 32GF21.5/22.2 DN40 model Horizontal casing (No 90° Elbow set available)
- HCP Grinder pump single phase equipped with Centrifugal switch and capacitor motor design to provide extreme high torque starting, and offering 5 times higher torque than average capacitor starting motor.



Semi-open Impeller



Radial Cutter & Cutter Ring



32GF21.0



32GF21.5(H)/22.2



32GF21.5/22.2 DN40



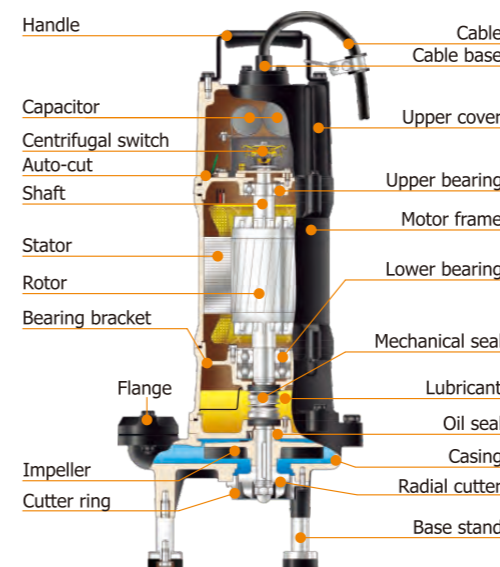
50GF22.2/23.7

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



Super Powerful Grinding Ability. **5 times**



PERFORMANCE SPEC.

Model	Output HP(kW)	Size DN Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Weight (kg)		Dimension (mm)				
						m³/min	m³/h	1Ø	3Ø	A	B	C	D	
32GF21.0	1½ (1.0)	1¼" (32)	1	Capacitor	17	0.06	3.6	27	25	249	-	177	555	530
				3										
32GF21.5	2 (1.5)	1¼" (32)	1	Capacitor	23	0.06	3.6	36	32	285	-	203	597	546
				3										
32GF21.5H	2 (1.5)	1¼" (32)	1	Capacitor	26	0.06	3.6	36	32	285	-	203	597	546
				3										
32GF21.5DN40	2 (1.5)	1¼" (32)	1	Capacitor	23	0.06	3.6	36	32	-	255	203	596	546
				3										
32GF22.2	3 (2.2)	1¼" (32)	1	Capacitor	28	0.06	3.6	38	35	285	-	203	630	546
				3										
32GF22.2DN40	3 (2.2)	1¼" (32)	1	Capacitor	28	0.06	3.6	38	35	-	255	203	630	546
				3										
50GF22.2	3 (2.2)	2" (50)	3	Direct	19	0.2	12	-	51	393	226	226	-	616
				3										
50GF23.7	5 (3.7)	2" (50)	3	Direct	26	0.2	12	-	53	393	226	226	-	616
				3										

Note: Weight Without Cable & Elbow Set

Note: 3Phase U type Vortex impeller will cause higher amperage when operated in reverse direction

SPECIFICATIONS

Discharge (mm)		32 • 50
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Residential wastewater • Sewage
	Submersion Depth	30m (100feet)
Type	Frequency	50Hz
	Motor	2P (3000RPM) • Dry Motor
	Insulation	Class B(1.3~3HP) • Class F(5HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
Material	M.seal	Double M.seals
	Impeller	Semi-open
	Upper Cover	FC-200
	Motor Frame	FC-200
	Shaft End	SUS403
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
	Casing	FC-200
	Impeller	FC-200
	Radial Cutter	SUS440C
	Cutter Ring	SUS440C
Cable	VCT or H07RN-F or SJOW/SOW	
Optional	Pumps can be customized to fit specifications	

PERFORMANCE CURVES

