



ACCESSORIES : ELBOW / GRS-GUIDE RAIL SYSTEMS


Pump can be installed with 90 ° Elbow with Flange outlet or GRS quick coupling system, for quick and safer for installation, removal, replacement and maintenance purpose.




ELBOW

GRS


PRODUCT FEATURES




Epoxy Cable Base
An epoxy resin seal cable base prevents moisture from entering the motor through the core wires.



Double Mechanical Seal
Superior abrasion resistant mechanical seal manufactured with silicon carbide to ensure the best seal effect.



Auto-cut Protector
Automatic On/Off motor protector to prevent motor burn out due to high temperature and excess amperage draw.



High Efficiency Dry Motor
All stator coils need to be treated with insulating varnish procedure to achieving the best insulation, efficiency and durability.



Professionalism • Innovation • Service • Commitment

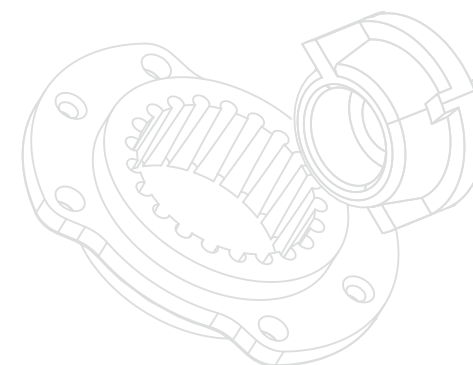
HCP PUMP MANUFACTURER CO., LTD.
www.hcppump.com.tw



Distributor:

DGFEN5-1808

We reserve the right to alter specifications of product at any time without giving prior notice.



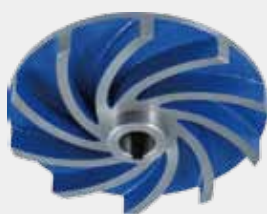
GF **50Hz**
SERIES

SUBMERSIBLE GRINDER PUMPS



FEATURES

- Radial cutter and cutter ring are specifically designed for grinding purpose.
- Radial cutter and cutter ring is made of SUS440C which hardness is HRC 55-60 and provide good wearing resistance.
- Fully equipped including, Epoxy resin sealed water-tight cable base, Auto-cut protector, double set mechanical seal, double set lower bearing for enhancement of rotation balance. All components are produced with strict quality control.



Semi-open Impeller



Radial Cutter & Cutter Ring

- 1Ø Centrifugal Switch and capacitor motor design.
- **5 times** higher starting torque Extrem Grinding Ability.

Extreme Grinding Ability.



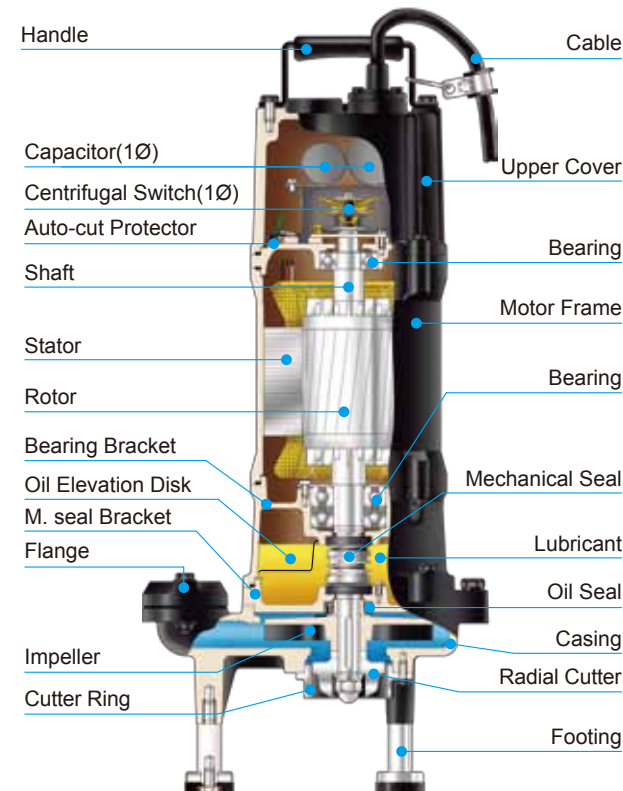
⚠ The pictures are for reference only.
The actual result of grinding may vary due to the test sample and condition of the environment.

APPLICATIONS

- Drainage of wastewater of household, apartment building and hotel.
- Transferring wastewater from commercial building, industrial area and amusement place.
- School, hospital, government building and park.

PRODUCT NOMENCLATURE

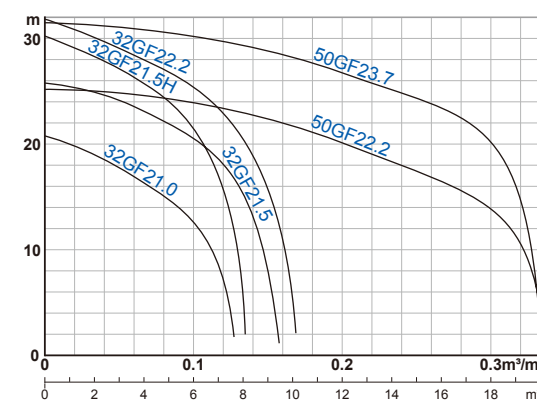
32	GF	2	1.5
Discharge mm	Type	Pole	kW



SPECIFICATIONS

Item	Description
Limits of Use	Liquid Temp. 0~40°C (32~104°F) Applications Residential Wastewater • Sewage
Type	Frequency 50Hz
	Motor 2P (3000rpm) • Dry Motor
	Insulation Class B (1.3HP~3HP) • Class F (5HP)
	Protection IP68
	Protector Auto-cut
	Bearing Ball type
Material	M.seal Double M.seals
	Impeller Semi-open
	Upper Cover FC200
	Motor Frame FC200
	Shaft SUS403
	M.seal CA/CE & SIC/SIC
	Casing FC200
Impeller FC200	
Radial Cutter SUS440C	
Cutter Ring SUS440C	
Cable VCT or H07RN-F or SJOW/SOW	
Optional	Pumps can be customized to fit specifications DN40 Casing Floating Switch (32GF21.0/21.5/21.5H/22.2)

PERFORMANCE CURVES



PERFORMANCE SPECS.

Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Standard		Weight kg		Dimensions mm				
						m³/min	m³/h	1Ø	3Ø	A	B	C	1Ø	3Ø
32GF21.0	1.3(1.0)	1.25"(32)	1/3	Capacitor Direct	17	0.06	3.6	27	25	249	-	177	555	530
32GF21.5	2(1.5)	1.25"(32)	1/3	Capacitor Direct	23	0.06	3.6	36	32	285	-	203	596	541
32GF21.5H	2(1.5)	1.25"(32)	1/3	Capacitor Direct	26	0.06	3.6	36	32	285	-	203	596	541
32GF22.2	3(2.2)	1.25"(32)	1/3	Capacitor Direct	10 28 / 30 29	0.06	3.6	38	35	285	-	203	623	541
50GF22.2	3(2.2)	2"(50)	3	Direct	20	0.2	12	-	44	395	243	226	-	589
50GF23.7	5(3.7)	2"(50)	3	Direct	27	0.2	12	-	47	395	243	226	-	609

Note: Weight Without Cable & Outlet.

