

GF **50Hz**
SERIES

SUBMERSIBLE GRINDER PUMPS



32GF21.0



32GF21.5(H)



32GF22.2



50GF22.2/23.7



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.



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

Extreme Grinding Ability.




















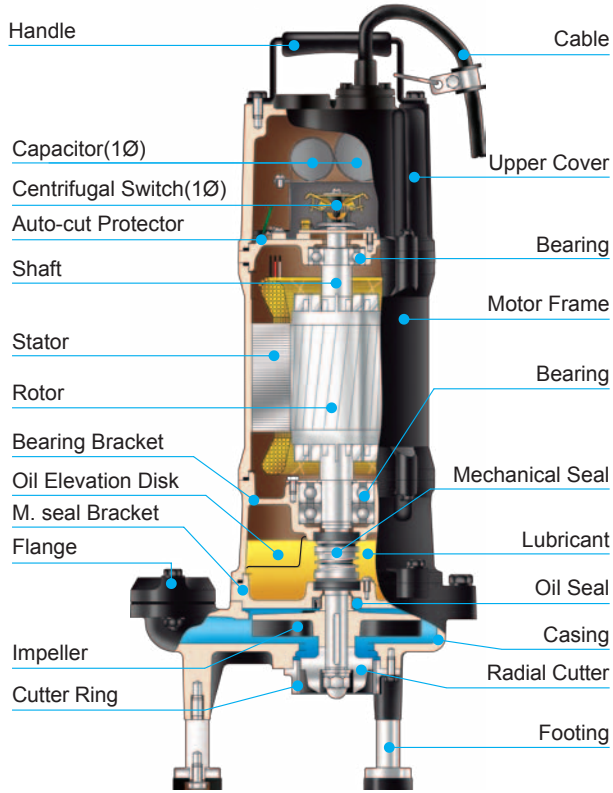
 The pictures are for reference only.
 The actual result of grinding may vary due to the test sample and condition of the environment.

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

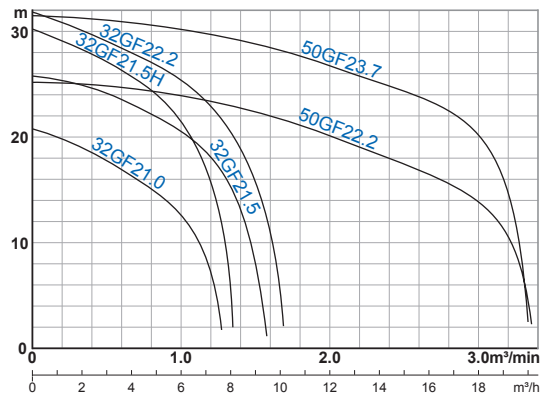
32	GF	2	1.5
Discharge mm	Type	Pole	kW



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
	M.seal	Double M.seals
	Impeller	Semi-open
Material	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)

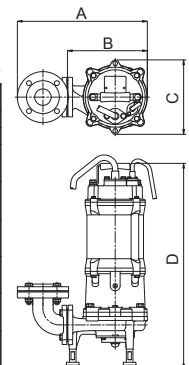
PERFORMANCE CURVES



PERFORMANCE SPECS.

Note: Weight Without Cable & Outlet.

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	D	
32GF21.0	1.3(1.0)	1.25"(32)	1/3	Capacitor	17	0.06	3.6	27	25	249	-	177	555	530
				Direct										
32GF21.5	2(1.5)	1.25"(32)	1/3	Capacitor	23	0.06	3.6	36	32	285	-	203	596	541
				Direct										
32GF21.5H	2(1.5)	1.25"(32)	1/3	Capacitor	26	0.06	3.6	36	32	285	-	203	596	541
				Direct										
32GF22.2	3(2.2)	1.25"(32)	1/3	Capacitor	10 28	0.06	3.6	38	35	285	-	203	623	541
				Direct										
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	31	0.2	12	-	47	395	243	226	-	609





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.



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Distributor:

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

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