



HCP PUMP

We make the reliable pumps

PROFESSIONAL MANUFACTURERS OF SUBMERSIBLE PUMPS

50Hz GENERAL CATALOGUE

ISO 9001 CE DQS UL TÜV



sewage pump, waste water pump, stainless pump, grinder pump, dewatering pump, construction drainage pump,
large volume pump, axial pump, ejector, deep well pump.

HCP PUMP MANUFACTURER.,CO.LTD.

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.

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.

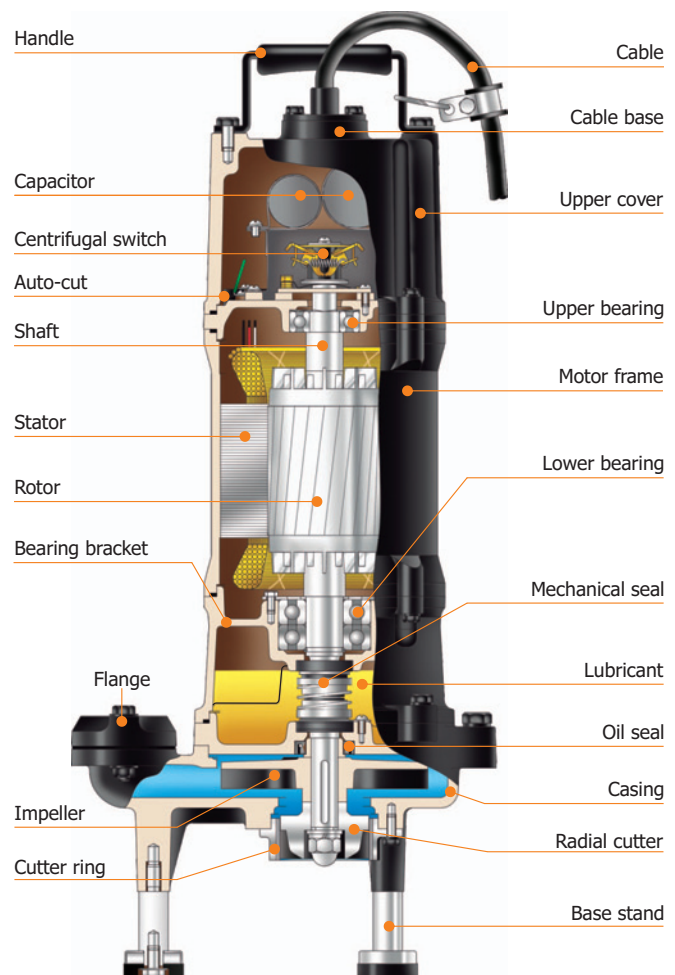


Semi-open Impeller



Radial Cutter & Cutter Ring

Super Powerful Grinding Ability. **5 times**





32GF21.0

32GF21.5/21.5H
32GF22.2

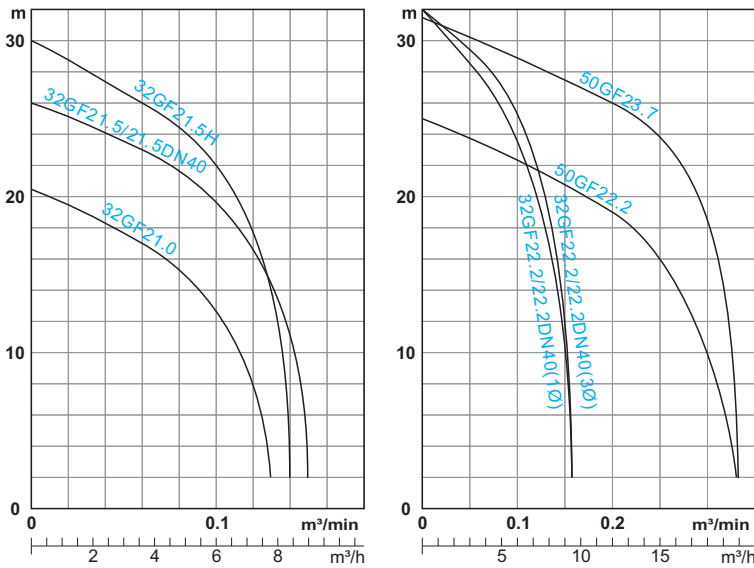
50GF22.2/23.7



■ PRODUCT NOMENCLATURE

| | | | |
|-----------------|------|------|-----|
| 32 | GF | 2 | 1.5 |
| Discharge mm | Type | Pole | kW |

■ PERFORMANCE CURVES

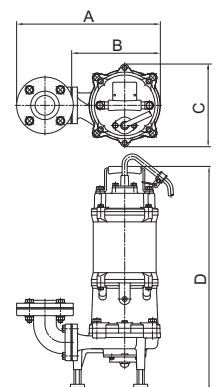


■ SPECIFICATIONS

| | | | |
|----------------|---|---|--------|
| 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 | |
| | M.seal | Double M.seals | |
| | Impeller | Semi-open | |
| | Material | 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 SPEC.

| Model | HP(kW) | Discharge Inch(mm) | Phase Ø | Start Method | Head (m) | Capacity | | Solid Passage (mm) | Weight (kg) | | Dimension (mm) | | | | | |
|--------------|-------------|-----------------------|------------|-----------------|-------------|----------|------|--------------------------|-------------|-----|----------------|-----|-----|-----|-----|-----|
| | | | | | | m³/min | m³/h | | 1Ø | 3Ø | A | B | C | D | | |
| 32GF21.0 | 1 1/3 (1.0) | 1 1/4" (32) | 3 | 1 | Capacitor | 17 | 0.06 | 3.6 | | 27 | 25 | 249 | | 177 | 555 | 530 |
| | | | | 3 | Direct | | | | | | | | | | | |
| 32GF21.5 | 2 (1.5) | 1 1/4" (32) | 3 | 1 | Capacitor | 23 | 0.06 | 3.6 | | 36 | 32 | 285 | | 203 | 597 | 546 |
| | | | | 3 | Direct | | | | | | | | | | | |
| 32GF21.5H | 2 (1.5) | 1 1/4" (32) | 3 | 1 | Capacitor | 26 | 0.06 | 3.6 | | 36 | 32 | 285 | | 203 | 597 | 546 |
| | | | | 3 | Direct | | | | | | | | | | | |
| 32GF21.5DN40 | 2 (1.5) | 1 1/4" (32) | 3 | 1 | Capacitor | 23 | 0.06 | 3.6 | | 36 | 32 | | 255 | 203 | 596 | 546 |
| | | | | 3 | Direct | | | | | | | | | | | |
| 32GF22.2 | 3 (2.2) | 1 1/4" (32) | 3 | 1 | Capacitor | 28 | 0.06 | 3.6 | | 38 | 35 | 285 | | 203 | 630 | 546 |
| | | | | 3 | Direct | | | | | | | | | | | |
| 32GF22.2DN40 | 3 (2.2) | 1 1/4" (32) | 3 | 1 | Capacitor | 28 | 0.06 | 3.6 | | 38 | 35 | | 255 | 203 | 630 | 546 |
| | | | | 3 | Direct | | | | | | | | | | | |
| 50GF22.2 | 3 (2.2) | 2" (50) | 3 | Direct | 19 | 0.2 | 12 | | 51 | 393 | 226 | 226 | | | | 616 |
| 50GF23.7 | 5 (3.7) | 2" (50) | 3 | Direct | 26 | 0.2 | 12 | | 53 | 393 | 226 | 226 | | | | 616 |



Note: Weight Without Cable

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