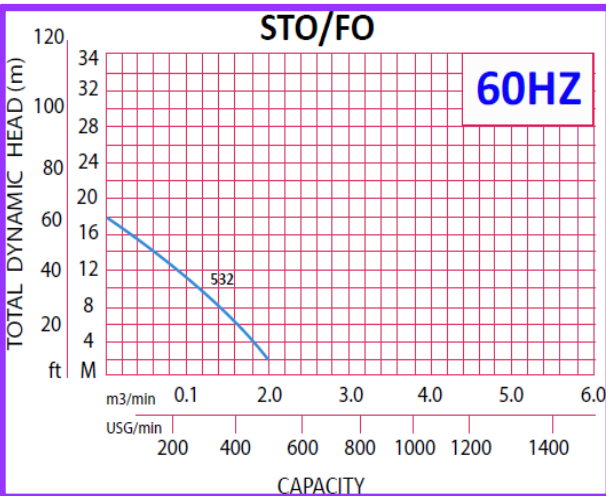
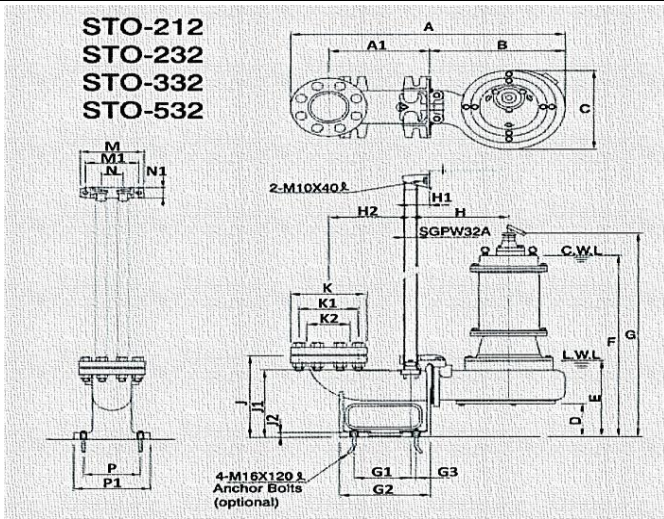
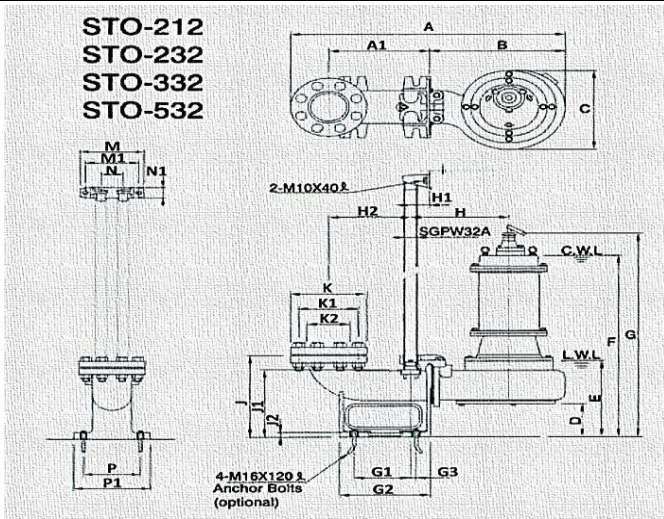


| Gol Pumps Thechnology                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | DATA SHEET  |  | Gol Pumps Technology INC<br>www.golpumps.com                                            |                                                                                    |                                               |  |                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------|--|------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Sewage Pump |  |                                                                                         |                                                                                    |                                               |  |                                                      |  |
| Pump Data                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |             |  |        |  |                                               |  |                                                      |  |
| Brand : Gol Pump<br>Model : GSTO-532C<br><br>Head Rate : 26 FEET      Flow Rate: 266 GPM<br>Head Max: 56 FEET      Flow Max: 533 GPM<br>Head Min: 6 FEET      Flow Min : 5 GPM<br>RPM : 1800<br>Normal Power P1 : 5 HP<br>Fluid: Water<br>Fluid Temperture: at about 25 °C<br>Density: water 997 kg/m³<br>Fluid Viscosity: 8.90 × 10-4 Pa-s<br>With Float switch NONE<br>Self Priming Submersible<br>Delivery size 4" NPT<br>Suction size With Strainer<br>Made in : TAIWAN |  |             |  |                                                                                         |                                                                                    |                                               |  |                                                      |  |
| Motor Data                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |             |  |      |                                                                                    |                                               |  |                                                      |  |
| Power P2: *<br>Power P1: 3.7 KW<br>Phase (PH): 3<br>Rate Voltage : 208 Or 480 V<br>Capacitor Need : *      µF<br>Ferequency : 60 Hz<br>Rated Speed (rpm): 1800 rpm<br>Current (A): 14 / 5.2 A<br>Cos φ : 0.85<br>Degree of Protection (IP): IP 68<br>Safety Protection Included: E<br>length of Cable : 3.5 × 10      mm2×m<br>Kind of Plug : NONE<br>Ambient Temp : 40°C = 104°F                                                                                           |  |             |  |                                                                                         |                                                                                    |                                               |  |                                                      |  |
| Other Pump Data                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |             |  |      |                                                                                    |                                               |  |                                                      |  |
| Impeller Size (mm) : *<br>Pressuer Rating : PN 16<br>Min. Fluid Temp : 10°C = 50°F<br>Max. Fluid Temp : 40°C = 104°F<br>Ambient Temp : 40°C = 104°F<br>Humidity % : 100%                                                                                                                                                                                                                                                                                                    |  |             |  |                                                                                         |                                                                                    |                                               |  |                                                      |  |
| Special Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |             |  | Weight : 122 Kg<br>Standard Approve                                                     |                                                                                    | Applicant:                                    |  | Dimention in<br>mm                                   |  |
| Installation status : Ver<br>Variable frequency : NONE<br>Solid Passage 53 × 50      mm                                                                                                                                                                                                                                                                                                                                                                                     |  |             |  | CSA  |                                                                                    | Effluent Pumping in Industrial Waste Water    |  | A 755<br>A1 285<br>B 365<br>C 311                    |  |
| Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |             |  |                                                                                         |                                                                                    | Treatment Plants Sewage Waste Water and Solid |  | D 116<br>E 282<br>F 658<br>G 746                     |  |
| Pump Body : Cast Iron<br>Support: Cast Iron<br>Impeller Cast Iron<br>Mechanical Seal: Silicon Carbide<br>Rubber Steel<br>Pump Shaft: SUS 304<br>Strainer Cast Iron<br>outer cover: Cast Iron<br>Motor: Cast Iron                                                                                                                                                                                                                                                            |  |             |  | UL   |                                                                                    | Trearment in Various Factories and Building   |  | G1 155<br>G2 250<br>G3 15                            |  |
| Shaft Seal                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |             |  |                                                                                         |                                                                                    | Sites Food Processing Factory Confined        |  | H 270<br>H1 60<br>H2 225<br>K 365<br>K1 239<br>K2 12 |  |
| Type: *<br>Stationary Part SUS 304<br>Rotating Part SUS 304<br>Elastomer Cast Iron                                                                                                                                                                                                                                                                                                                                                                                          |  |             |  | CE   |                                                                                    | Livestock Feeding Industry Restaurants and    |  | M 234<br>M1 195<br>N 80<br>N1 66                     |  |
| Pump and Motor specification optional                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |             |  |                                                                                         |                                                                                    | Shops Markets and Super Markets               |  | P 170<br>P1 220<br>J 290<br>J1 240<br>J2 17          |  |
| With Booster System None<br>With Compack None<br>Special Material None<br>Specail Voltage None                                                                                                                                                                                                                                                                                                                                                                              |  |             |  |                                                                                         |                                                                                    |                                               |  |                                                      |  |
| Protection system required                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |             |  |                                                                                         |                                                                                    |                                               |  |                                                      |  |
| External Flout switch NONE<br>Minimum Starter Starter SWT                                                                                                                                                                                                                                                                                                                                                                                                                   |  |             |  |                                                                                         |                                                                                    |                                               |  |                                                      |  |

# FO-C • STO-C TYPE CUTTER PUMPS

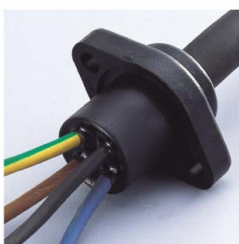
## GFO-C ·GSTO-C

**Pumps Designed for Cutting Fibrous Foreign Objects to Small Pieces by Tungsten Carbide Edged Non-clog impeller**

### ■ FEATURES

- **EPOXY Cable Sealing Base (EPOXY)**

Waterproof cabtyre cable prevent water infiltration, cable ends sealed with epoxy resin, and lead wires are partially tripped off for perfect resin sealing. Triple protection for the motor against water penetration.



- **Built-in Motor Protector**

All cutter pumps are equipped with a self-reset circle thermal protector to prevent over-loading, locking of impeller, and scorch damage to the motor from phase failure.



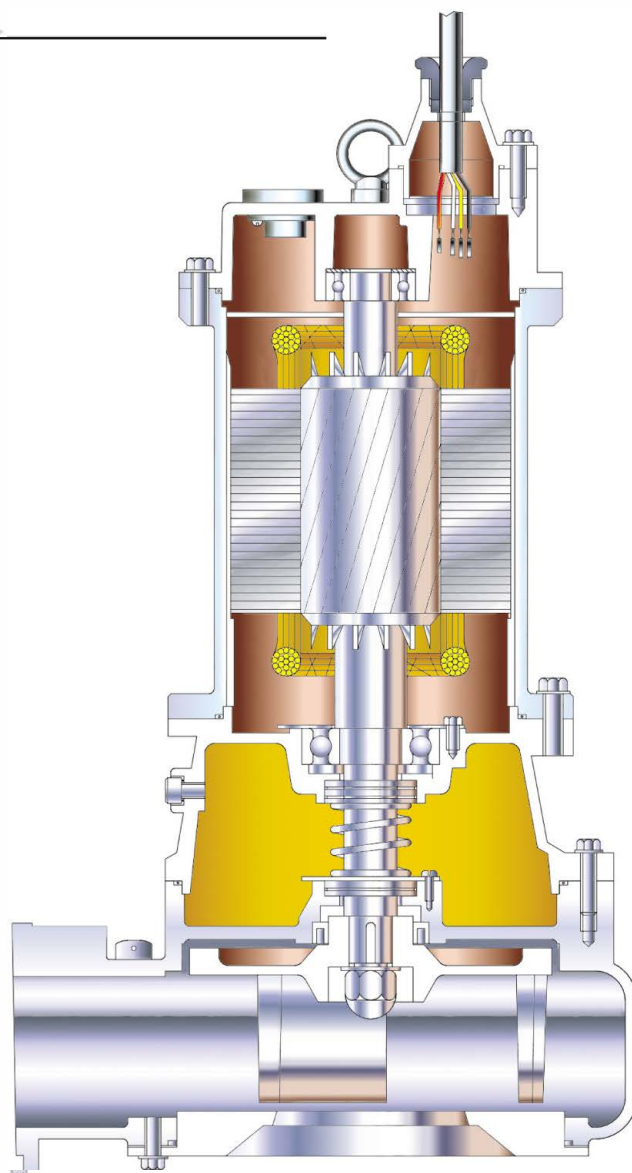
- **SiC Mechanical Seal**

Equipped with double mechanical seals and adopted with heat-and-corrosion-resistant silicon carbide mechanical seal for preventing the motor from water infiltration.



- **Cutter impeller & Special Suction cover**

A sintered tungsten carbide alloy tip is brazed onto the impeller vane and the suction cover is designed have the emission shape grooves in order to minimize cutting resistance. This cutting mechanism ensures materials are held for shredding in order to prevent clogging in the pump, discharge pipes and valves.



## ■ STANDARD ACCESSORIES

### for GSTO-C Type

- Upper Guide Support 1 pc
- Guide Connector 1pc
- Chain Set (with shackle) 1set
- Duck Foot Bend 1 pc

- Flange Setter 1pc

### for GFO-C Type

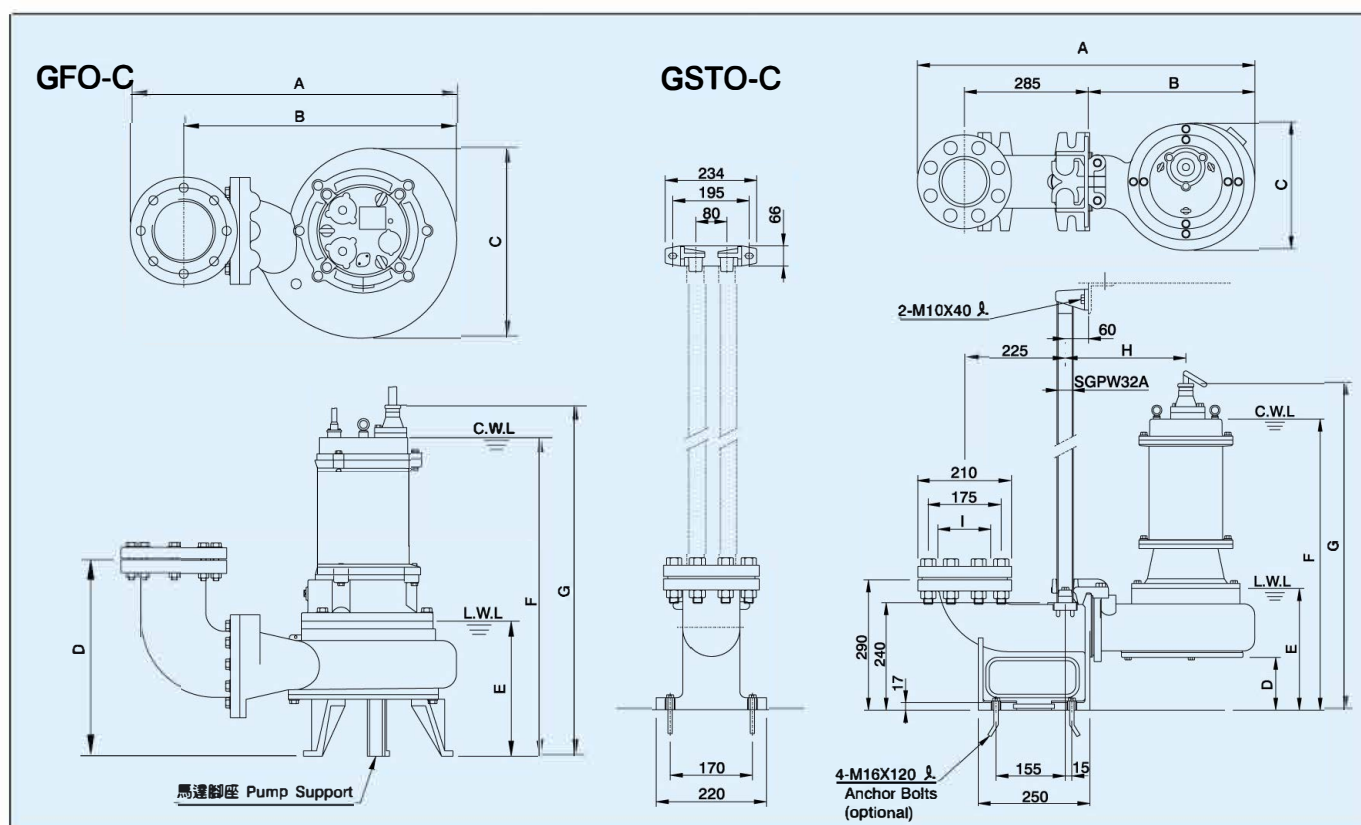
- Connecting Elbow 1pc
- Flange Setter 1pc

| Parts no | Discharge bore          | 3"(80mm) | 4"(100mm) | Material  |
|----------|-------------------------|----------|-----------|-----------|
|          | Description             |          |           |           |
| 126      | Upper Guide Support     | 2 kG     | 4.5 kG    | Cast iron |
| 125      | Guide Connector         | 3.6 kG   | 4.5 kG    | Cast iron |
| 170      | Chain Set ( 4M Length ) | 5 kG     | 5 kG      | SUS#304   |
| 129      | Duck Foot Bend          | 18.2 kG  | 23 kG     | Cast iron |
| 143      | Connecting Elbow        | 15 kG    | 15 kG     | Cast iron |
| 16       | Flange Setter (GFO-C)   | 4.5 kG   | 4 kG      | Cast iron |
|          | Flange Setter (GSTO-C)  | 2.77 kG  | 4 kG      |           |

## ■ GFO-C · GSTO-C DIMENSIONS

C.W.L. : Continuous Running Water Level

L.W.L. : Lowest Running Water Level



UNIT : mm

| TYPE      | A   | B   | C   | D   | E   | F   | G   |
|-----------|-----|-----|-----|-----|-----|-----|-----|
| GGFO-332C | 580 | 475 | 311 | 345 | 276 | 627 | 715 |
| GFO-532C  | 580 | 475 | 311 | 345 | 276 | 652 | 740 |

| TYPE      | A   | B   | C   | D   | E   | F   | G   | H   | I         |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| GSTO-332C | 755 | 365 | 311 | 116 | 282 | 633 | 721 | 270 | Ø80(Ø100) |
| GSTO-532C | 755 | 365 | 311 | 116 | 282 | 658 | 746 | 270 | Ø100(Ø80) |