Gol Pumps Thechnology

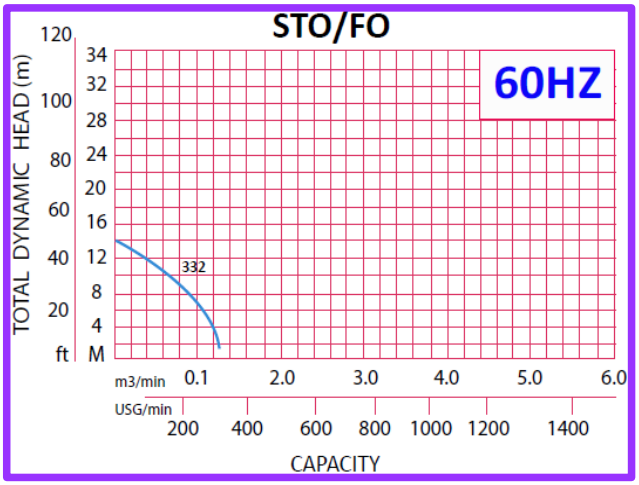
DATA SHEET

Sewage Pump

Gol Pumps Technology INC
www.golpumps.com
www.golpumps.us
Email : info@golpumps.com

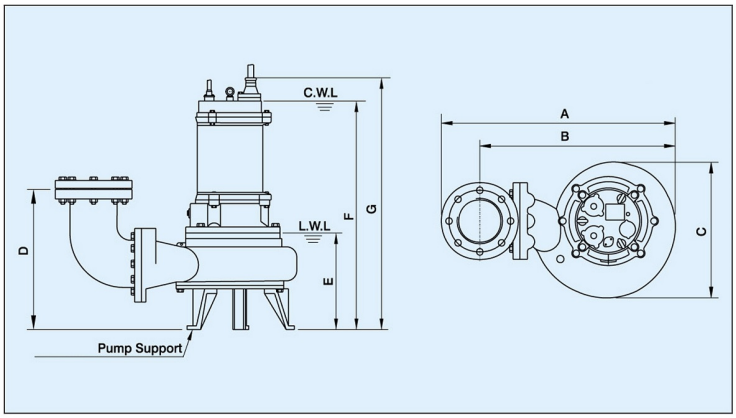
Pump Data

Brand :	Gol Pump	
Model :	GFO-332C	
Head Rate : 26 FEET	Flow Rate:	133 GPM
Head Max: 46 FEET	Flow Max:	346 GPM
Head Min: 6 FEET	Flow Min :	5 GPM
RPM :	1800	
Normal Power P1 :	3 HP	
Fluid:	Water	
Fluid Temperture:	at about 25 °C	
Density:	water 997 kg/m³	
Fluid Viscosity:	8.90 × 10−4 Pa·s	
With Float switch	NONE	
Self Priming	Submersible	
Delivery size	3" NPT	
Suction size		
Made in :	TAIWAN	



Motor Data

Power P2:	*	
Power P1:	2.2 KW	
Phase (PH):	3	
Rate Voltage :	230 V	
Capacitor Need :	*	μF
Ferequency :	60 Hz	
Rated Speed (rpm):	1800 rpm	
Current (A):	8.6 A	
Cos φ :	0.85	
Degree of Protection (IP):	IP 68	
Safety Protection Included:	E	
length of Cable :	3.5 × 10	mm2× m
Kind of Plug :	NONE	
Ambient Temp :	40°C = 104°F	



Other Pump Data

Impeller Size (mm) :	*
Pressuer Rating :	PN 16
Min. Fluid Temp :	10°C = 50°F
Max. Fluid Temp :	40°C = 104°F
Ambient Temp :	40°C = 104°F
Humidity % :	100%

Weight : 213.7 Lb
Standard Approve

Special Specification

Installation status :	Ver	
Variable frequency :	NONE	
Solid Passage	40 × 50	mm

Materials

Pump Body :	Cast Iron
Support:	Cast Iron
Impeller	Cast Iron
Mechanical Seal:	Silicon Carbide
Rubber	Steel
Pump Shaft:	SUS 304
Strainer	Cast Iron
outer cover:	Cast Iron
Motor:	Cast Iron

Shaft Seal

Type:	*
Stationary Part	SUS 304
Rotating Part	SUS 304
Elastomer	Cast Iron

Pump and Motor specification optional

With Booster System	None
With Complack	None
Special Material	None
Specail Voltage	None

Protection system required

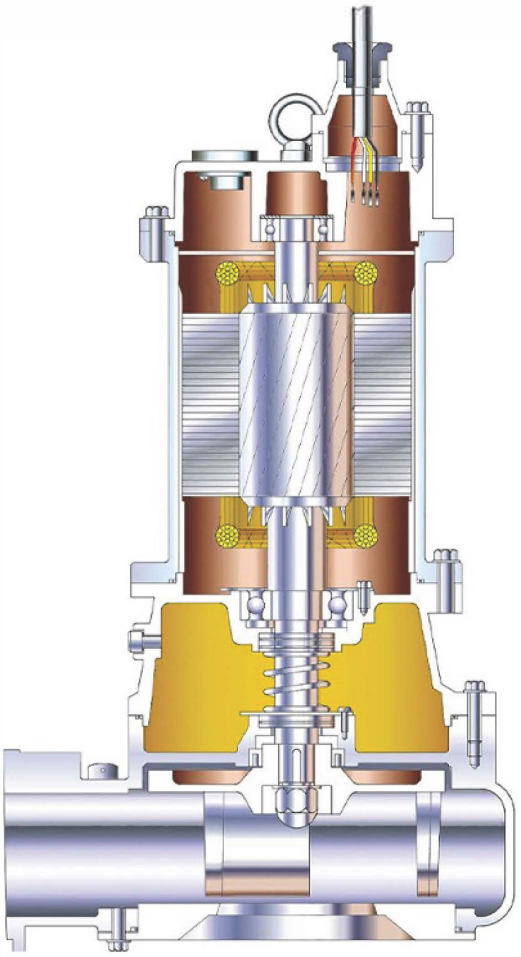
External Flout switch	NONE
Minimum Starter	Starter SWT

Applicant:

CSA	Effluent Pumping in Industrial Waste Water
	Treatment Plants Sewage Waste Water and Solid
UL	Trearment in Various Factories and Building
	Sites Food Processing Factory Confined
CE	Livestock Feeding Industry Restaurants and
	Shops Markets and Super Markets

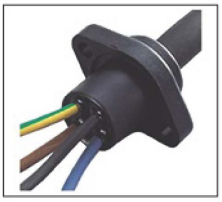
Dimention in

A	22.8
B	18.7
C	12.2
D	13.6
E	10.9
F	24.7
G	28.1



EPOXY Cable Sealing Base

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 GFO 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.

Impeller Design

Design B1. Single-blade semi-open type non-clog impeller with a sintered tungsten carbide alloy tip.

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.