

Gol Pumps Thechnology

DATA SHEET

Sewage Pump

Gol Pumps Technology INC

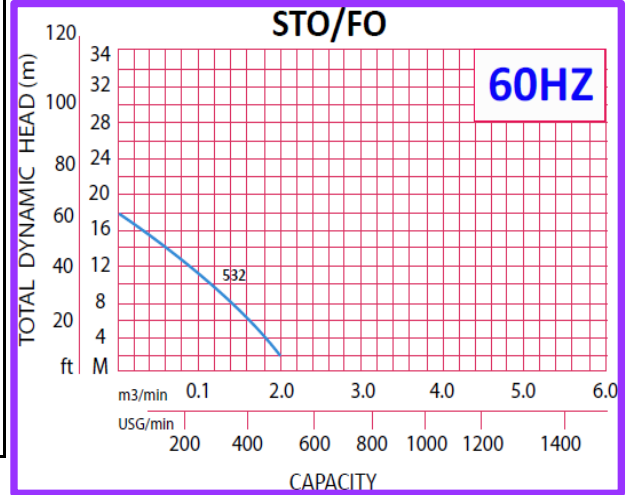
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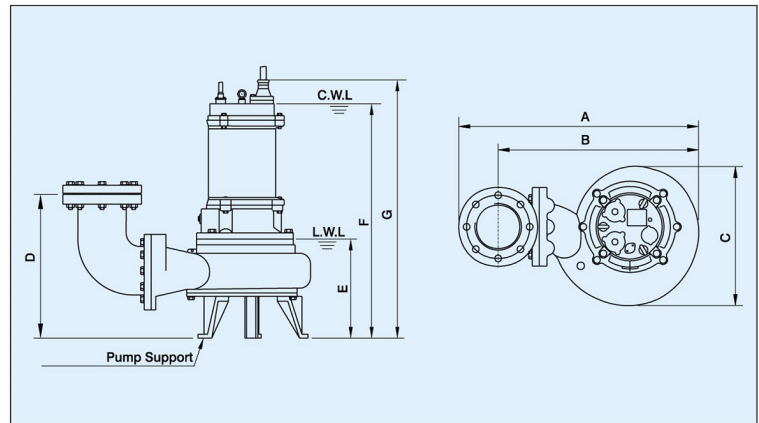
Pump Data

Brand :	Gol Pump		
Model :	GFO-532C		
Head Rate :	26 FEET	Flow Rate:	266 GPM
Head Max:	56 FEET	Flow Max:	533 GPM
Head Min:	6 FEET	Flow Min :	5 GPM
RPM :	1800		
Normal Power P1 :	5 HP		
Fluid:	Water		
Fluid Temperature:	at about 25 °C		
Density:	water 997 kg/m ³		
Fluid Viscosity:	8.90 × 10 ⁻⁴ Pa·s		
With Float switch	NONE		
Self Priming	Submersible		
Delivery size	4" NPT		
Suction size			
Made in :	TAIWAN		



Motor Data

Power P2:	*		
Power P1:	3.7 KW		
Phase (PH):	3		
Rate Voltage :	230 V		
Capacitor Need :	*	µF	
Ferequency :	60 Hz		
Rated Speed (rpm):	1800 rpm		
Current (A):	14.3 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%		

Special Specification

Installation status :	Ver		
Variable frequency :	NONE		
Solid Passage	53 × 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

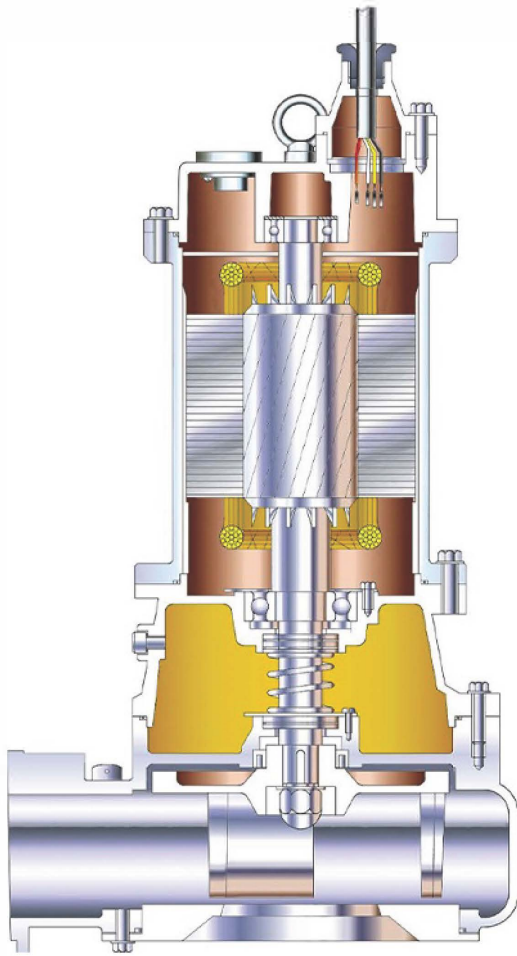
External Flout switch	NONE		
Minimum Starter	Starter SWT		

Weight : 217Lb
Standard Approve

Applicant:

Dimention in

CSA		Effluent Pumping in Industrial Waste Water	A	22.8
		Treatment Plants Sewage Waste Water and Solid	B	18.7
UL		Treatment in Various Factories and Building	C	12.2
		Sites Food Processing Factory Confined	D	13.6
CE		Livestock Feeding Industry Restaurants and	E	10.9
		Shops Markets and Super Markets	F	25.7
			G	29.1



EPOXY Cable Sealing Base

Waterproof 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.

