



Smart solutions.
Strong relationships.

Product Name : CGSTP – Sewage Submersible Pump.

Short Name : CGSTP Series

Product Features:

- All cast iron components CED coated.
- All hardware's & Body Materials are SS 304.
- Built in Thermal Overload Protector for all single phase motors.
- Single Phase pumps are fitted with float switch for automatic operation.
- Double side Silicon carbide mechanical seal and Double lip seal to ensure better sealing.
- Solid handling Maximum size up to 50 mm.
- 'F' class insulation.
- IP 68 protection.
- Liquid temp up to 60° C.
- Supply Voltage: 1PH: 220V (+6 / -15 %), 3PH: 415 V (+6 / -15 %)

Application:-

- Construction sites
- Hotels and Restaurants
- Sewage treatment plants
- Waste water treatment plants

Product Appearance

**Note : 3phase Pump will come
Without float switch**





Smart solutions.
Strong relationships.

Performance Table

Cat Ref	kW/HP	Delivery Pipe Size (MM)	Max Current (Amps)	Discharge (LPM)			165	100	80	55	35
CGSTP005F	0.37/0.5	32	3.5	Head (M)			5	7	7.5	7.8	8
Cat Ref	kW/HP	Delivery Pipe Size (MM)	Max Current (Amps)	Discharge (LPM)	780	700	600	400	300	200	100
CGSTP010M	0.75/1	50	6.5	Head (M)				6	8	9.5	11
CGSTP020M	1.5/2	50	15				9	14	15	16	17
CGSTP020MT	1.5/2	50	4.5				9	14	15	16	17
CGSTP030Q	2.2/3	80	18		6	12	15	18	19		
CGSTP030QT	2.2/3	80	6		6	12	15	18	19		

Cat Ref Definition

Example:

Cat Ref	CGPISL	Product CODE	HP	Delivery Pipe Size (mm)	Phase
CGSTP005F	CG	STP	0.5	32	

HP Code Definition: 005-0.5HP, 010- 1.HP, 020-2HP, 030-3HP.

Delivery Pipe Size : "F" Means 32mm, "M" Means 50mm, "Q" Means 80mm

Phase: By default pumps are 1 Phase, "T" Indicated 3Phase.

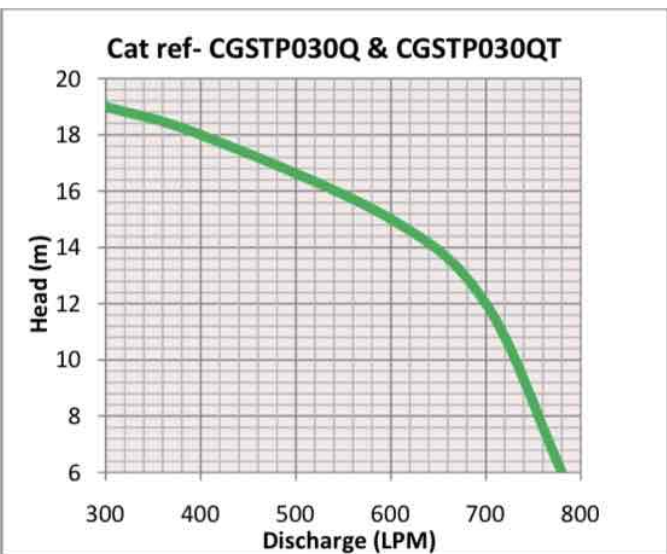
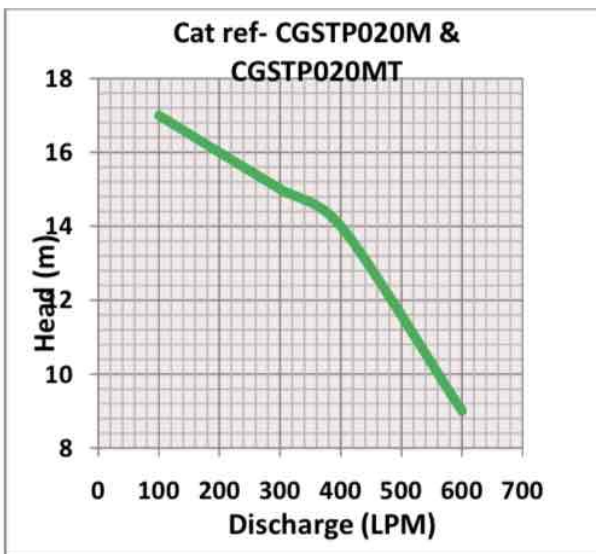
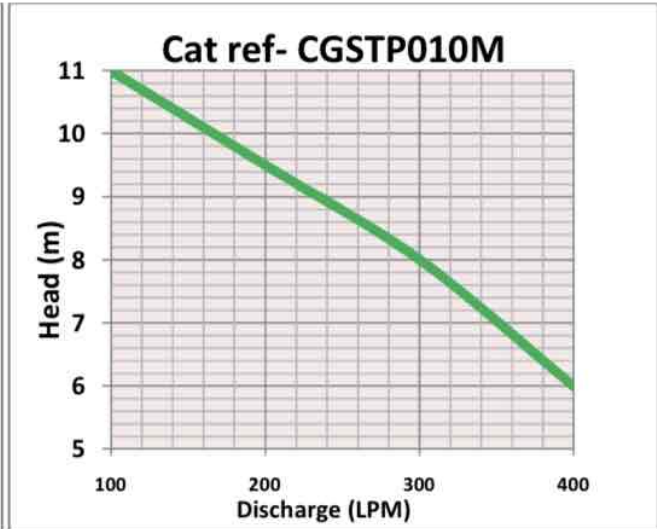
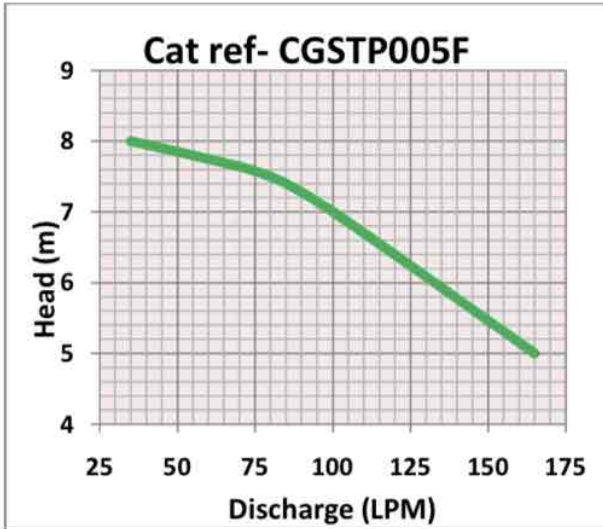
Material of Construction:-

S.No	Part	Material / Type
1	Motor Body & Hardware's	SS 304
2	Top Cover	Cast iron FG 200 with CED coated
3	Bottom Cover	Cast iron FG 200 with CED coated
4	Cable Cover	Cast iron FG 200 with CED coated
5	Volute Casing	Cast iron FG 200 with CED coated
6	Impeller (Vortex)	Cast iron FG 200 with CED coated
7	Seal Cap	Cast iron FG 200 with CED coated
8	Flange	Cast iron FG 200 with CED coated
9	Rotor with Shaft	SS 410 + Die cast Rotor
10	Handle	SS 304
11	Power Supply Cord	Poly vinyl Chloride & NBR Molded
12	Mechanical seal	Double side silicon carbide +Carbon & Ceramic
13	Stamping	JSW 50C-1000 ((M47)
14	O-Rings	NBR



Smart solutions.
Strong relationships.

Performance Curve:-



Product Offerings:-

Cat Ref	kW	HP	Phase	Speed (RPM)	Max Solid Handling Size (MM)	Delivery Pipe Size (MM)	Head (mtr)	Discharge (LPM)
CGSTP005F	0.37	0.5	1Ph	2700	20	32	5-8	165-35
CGSTP010M	0.75	1	1Ph	2700	35	50	6-11	400-100
CGSTP020M	1.5	2	1Ph	2750	35	50	9-17	600-100
CGSTP020MT	1.5	2	3Ph	2700	35	50	9-17	600-100
CGSTP030Q	2.2	3	1Ph	2600	50	80	6-19	780-300
CGSTP030QT	2.2	3	3Ph	2600	50	80	6-19	780-300

Cable Size : 1.5 Sq.mm and 5 Meter Length