

Circular: CG/CPD-Pumps/23-24/Jun/06

Date: 24.06.2023

**Product Name** : CGSTP & CGSTPC – Sewage & Sewage cutter Submersible Pump

**Short Name** : CGSTP & CGSTPC Series

**Product Features:**

- All cast iron components CED coated.
- Double side Silicon carbide mechanical seal and Double lip oil seal provided to ensure better sealing.
- 'F' class insulation.
- IP 68 protection.
- Liquid temp up to 60° C.
- Supply Voltage 3PH: 415V (+6 / -15 %), 1Ph : 230V (+6 / -15%)



**Performance Table**

**Sewage Cutter pump**

Cat ref	POWER		Delivery Pipe Size Mm	Total Head in Meter							
	kW	HP		4	5	8	11	14	16	18	21
			Discharge in LPM								
CGSTPC010MT	0.75	1	50		350	270	200	120	50		
CGSTPC010M	0.75	1	50		350	270	200	120	50		
CGSTPC020MT	1.5	2	50	380	360	300	250	180	140	100	50
CGSTPC020M	1.5	2	50	380	360	300	250	180	140	100	50

## 5 & 7.5Hp Sewage pump

Cat ref	POWER		Delivery Pipe Size	Total Head in Meter								
				7	8	9	11	13	15	17	19	21
	kW	HP	Mm	Discharge in LPM								
CGSTP050ST	3.7	5	100	1800	1600	1400	1100	900	600	500	400(18m)	
CGSTP070ST	5.5	7.5	100			1500	1400	1300	1100	900	700	400

### Application:-

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

### Cat Ref Definition

#### 1. Cutter Pump

Cat Ref	CGPISL	Product CODE	HP	Delivery Pipe Size (mm)	Phase
CGSTPC010MT	CG	STPC	010	M	T

**HP Code Definition:** 010-1HP

**Delivery Pipe Size:** "M" Means 50mm.

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

#### 2. Sewage

Cat Ref	CGPISL	Product CODE	HP	Delivery Pipe Size (mm)	Phase
CGSTP050ST	CG	STP	050	S	T

**HP Code Definition:** 050-5HP

**Delivery Pipe Size:** "S" Means 100mm.

**Supply Phase:** "T" Indicated 3Phase.

### Product Offerings:-

Cat Ref	kW/HP	Supply Phase	Syn. Speed (RPM)	Delivery Pipe Size (mm)	Head (mtr)	Discharge (LPM)	ALP	MRP
CGSTPC010MT	0.75/1	3Ph	3000	50	5-16	350-50	37500	39375
CGSTPC010M	0.75/1	1Ph	3000	50	5-16	350-50	41000	43050
CGSTPC020MT	1.5/2	3Ph	3000	50	4-21	380-50	42000	44100
CGSTPC020M	1.5/2	1Ph	3000	50	4-21	380-50	44000	46200
CGSTP050ST	3.7/5	3Ph	3000	100	7-18	1800-400	69000	72450
CGSTP070ST	5.5/7.5	3Ph	3000	100	9-21	1500-400	77000	80850



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**Material of Construction:-**

S.No	Part	Material of construction	
		Sewage Pump	Sewage cutter pump
1	Motor Body	Cast Iron	Stainless steel
2	Top Cover	Cast Iron	Cast Iron
3	Bottom Cover	Cast Iron	Cast Iron
4	Cable Cover	Cast Iron	Cast Iron
5	Volute Casing	Cast Iron	Cast Iron
6	Impeller (Vortex)	Cast Iron	Cast Iron
7	Seal Cap	Cast Iron	Cast Iron
8	Flange	Cast Iron	Cast Iron
9	Rotor with Shaft	SS 410 + Die cast Rotor	SS 410 + Die cast Rotor
10	Power Supply Cord	5mtr length, 2.5Sq mmx4 Core cable (Poly vinyl Chloride & NBR Molded)	5mtr length <b>1 Phase</b> 1Hp -1.5Sq mmx3 Core cable 2Hp - 2.5x3 core cable <b>3 Phase</b> 3ph - 1.5x 4Core cable (Poly vinyl Chloride & NBR Molded)
11	Mechanical seal	Double side silicon carbide +Carbon & Ceramic	Double side silicon carbide +Carbon & Ceramic
12	Stamping	High grade electrical stamping	High grade electrical stamping
13	Winding	Copper	Copper
14	O-Rings	NBR	NBR
15	Float Switch	--	0.6mtr
16	Cutter	--	SS 420

Happy Selling .....

Best Regards



Registered Office:  
CG House, 6th Floor, Dr Annie Besant Road, Worli, Mumbai 400 030, India  
T: +91 22 2423 7777 F: +91 22 2423 7733 W: www.cgglobal.com  
Corporate Identity Number: L99999MH1937PLC002641