



Quality, Reliability, Life

Sewage Cutter Pump

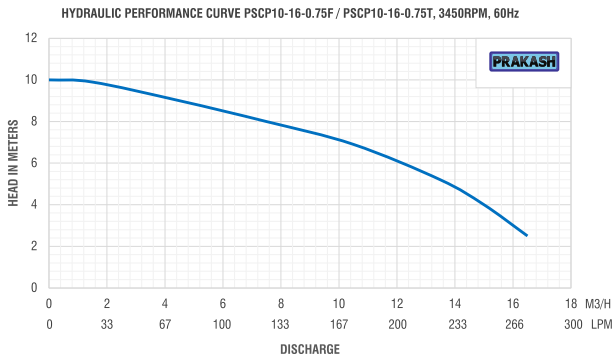


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Sewage Cutter Pump

PRAKASH

Model : PSCP10-16-0.75F / PSCP10-16-0.75T



Application

- Scum pumping at waste water treatment plant
- Municipal project
- Industrial packing pump station
- Home & domestic application (Special for kitchen)
- Pumping agricultural manure (dairy, hog and poultry)

Material of Construction (MOC)

- Pump body : Cast iron
- Motor body : Stainless steel 304
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Graphite/ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Density of liquid : 1.2x103kg/m³
- Viscosity : 7x10⁻⁷ - 23x10⁻⁶ m²/s
- Max. immersion depth : 5 to 10 m
- Liquid PH : 4 - 10

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IPX8 / IP68
- Insulation class : F
- Cable length : 6 m
- Thermal protection : built-in (3Φ upon request)
- Voltage : single phase 220-240, 60Hz
three phase 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (LPM)	Max. Head (Mtr)
	Kw	HP						
PSCP10-16-0.75F / T	0.75	1.0	220/380	1 & 3 Φ	3450	2"	275	10

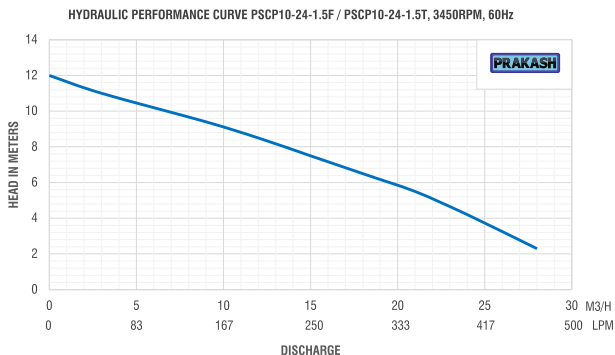
Performance Chart

Model	Power		Q	US GPM	0	7	20	33	46	59	66	73
	Kw	HP		M3/H	0	1.5	4.5	7.5	10.5	13.5	15.0	16.5
				LPM	0	25	75	125	175	225	250	275
PSCP10-16-0.75F / T	0.75	1.0	HEAD (m)		10	9.9	9.0	8.0	6.9	5.2	4.0	2.5

Sewage Cutter Pump

PRAKASH

Model : PSCP10-24-1.5F / PSCP10-24-1.5T



Application

- Scum pumping at waste water treatment plant
- Municipal project
- Industrial packing pump station
- Home & domestic application (Special for kitchen)
- Pumping agricultural manure (dairy, hog and poultry)

Material of Construction (MOC)

- Pump body : Cast iron
- Motor body : Stainless steel 304
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Graphite/ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Density of liquid : 1.2x103kg/m³
- Viscosity : 7x10⁻⁷ - 23x10⁻⁶ m²/s
- Max. immersion depth : 5 to 10 m
- Liquid PH : 4 - 10

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IPX8 / IP68
- Insulation class : F
- Cable length : 6 m
- Thermal protection : built-in (3Φ upon request)
- Voltage : single phase 220-240, 60Hz
three phase 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (LPM)	Max. Head (Mtr)
	Kw	HP						
PSCP10-24-1.5F / T	1.5	2.0	220/380	1 & 3 Φ	3450	2.5"	466	12

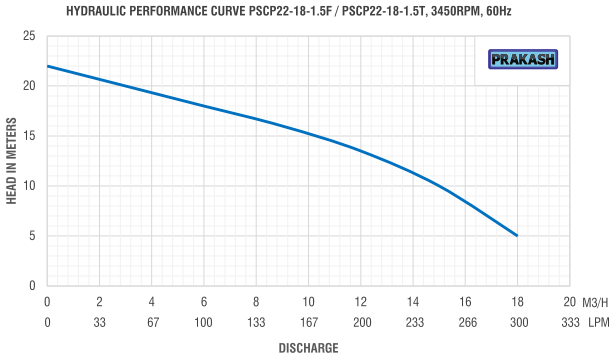
Performance Chart

Model	Power		Q	US GPM	0	13	40	53	66	79	92	123
	Kw	HP		M3/H	0	3	9	12	15	18	21	28
				LPM	0	50	150	200	250	300	350	466
PSCP10-24-1.5F / T	1.5	2.0	HEAD (m)	12	11	9.5	8.5	7.5	6.5	5.5	2.3	

Sewage Cutter Pump

PRAKASH

Model : PSCP22-18-1.5F / PSCP22-18-1.5T



Application

- Scum pumping at waste water treatment plant
- Municipal project
- Industrial packing pump station
- Home & domestic application (Special for kitchen)
- Pumping agricultural manure (dairy, hog and poultry)

Material of Construction (MOC)

- Pump body : Cast iron
- Motor body : Stainless steel 304
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Graphite/ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Density of liquid : 1.2x103kg/m³
- Viscosity : 7x10⁻⁷ - 23x10⁻⁶ m²/s
- Max. immersion depth : 5 to 10 m
- Liquid PH : 4 - 10

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IPX8 / IP68
- Insulation class : F
- Cable length : 6 m
- Thermal protection : built-in (3Φ upon request)
- Voltage : single phase 220-240, 60Hz
three phase 380-420v, 60Hz

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (LPM)	Max. Head (Mtr)
	Kw	HP						
PSCP22-18-1.5F / T	1.5	2.0	220/380	1 & 3 Φ	3450	2"	300	22

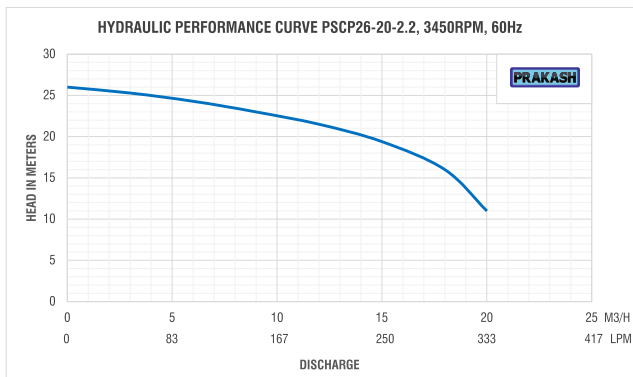
Performance Chart

Model	Power		Q	US GPM	0	13	26	40	53	66	79
	Kw	HP		M3/H	0	3	6	9	12	15	18
				LPM	0	50	100	150	250	250	300
PSCP22-18-1.5F / T	1.5	2.0	HEAD (m)		22	20	18	16	13.5	10	5

Sewage Cutter Pump

PRAKASH

Model : PSCP26-20-2.2



Application

- Scum pumping at waste water treatment plant
- Municipal project
- Industrial packing pump station
- Home & domestic application (Special for kitchen)
- Pumping agricultural manure (dairy, hog and poultry)

Material of Construction (MOC)

- Pump body : Cast iron
- Motor body : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Carbon-ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Density of liquid : 1.2x103kg/m³
- Viscosity : 7x10⁻⁷ - 23x10⁻⁶ m²/s
- Max. immersion depth : 5 to 10 m
- Liquid PH : 4 - 10

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IPX8 / IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)
	Kw	HP						
PSCP26-20-2.2	2.2	3.0	380-420	3 φ	3450	1.5"/ 2"	20	26

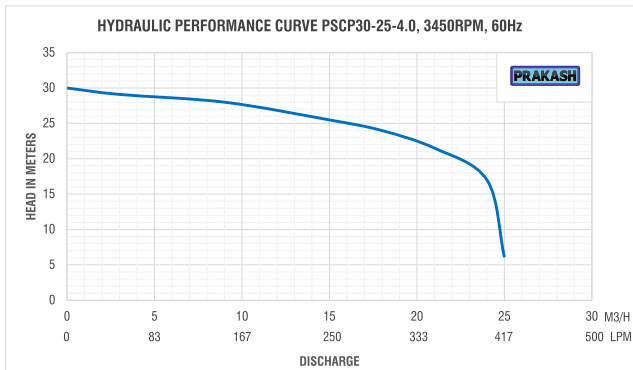
Performance Chart

Model	Power		Q	US GPM	0	13	26	40	66	79	92
	Kw	HP		M3/H	0	3	6	9	15	18	20
				LPM	0	50	100	150	250	300	333
PSCP26-20-2.2	2.2	3.0	HEAD (m)	26	25.3	24.3	23	19.4	16	11	

Sewage Cutter Pump

PRAKASH

Model : PSCP30-25-4.0



Application

- Scum pumping at waste water treatment plant
- Municipal project
- Industrial packing pump station
- Home & domestic application (Special for kitchen)
- Pumping agricultural manure (dairy, hog and poultry)

Material of Construction (MOC)

- Pump body : Cast iron
- Motor body : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Carbon-ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Density of liquid : $1.2 \times 10^3 \text{ kg/m}^3$
- Viscosity : $7 \times 10^{-7} - 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. immersion depth : 5 to 10 m
- Liquid PH : 4 - 10

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IPX8 / IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)
	Kw	HP						
PSCP30-25-4.0	4.0	5.5	380-420	3 ϕ	3450	2"	25	30

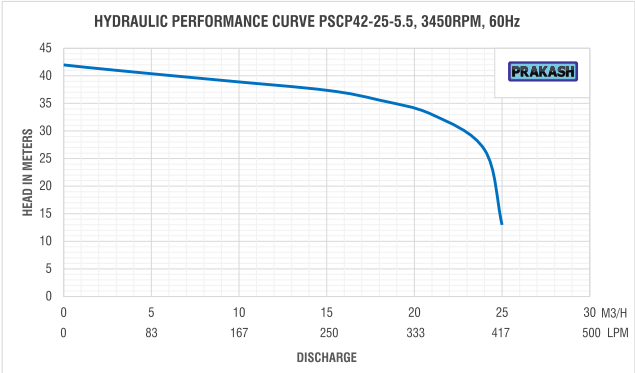
Performance Chart

Model	Power		Q	US GPM	0	13	40	66	79	92	106	25
	Kw	HP		M3/H	0	3.0	9.0	15	18	21	24	25
				LPM	0	50	150	250	300	350	400	417
PSCP30-25-4.0	4.0	5.5	HEAD (m)	30	29.1	28	25.5	24	21.5	17	6.1	

Sewage Cutter Pump

PRAKASH

Model : PSCP42-25-5.5



Application

- Scum pumping at waste water treatment plant
- Municipal project
- Industrial packing pump station
- Home & domestic application (Special for kitchen)
- Pumping agricultural manure (dairy, hog and poultry)

Material of Construction (MOC)

- Pump body : Cast iron
- Motor body : Cast iron
- Impeller : Cast iron
- Shaft : Stainless steel 304
- Mechanical seal : Sic-sic/Carbon-ceramic

Application Limits

- Liquid temperature : up to 40 °C
- Ambient temperature : up to 40 °C
- Density of liquid : 1.2x103kg/m³
- Viscosity : 7x10⁻⁷ - 23x10⁻⁶ m²/s
- Max. immersion depth : 5 to 10 m
- Liquid PH : 4 - 10

Motor Details

- 2 Pole motor
- 100% Copper winding
- Protection class : IPX8 / IP68
- Insulation class : F
- Voltage : 380-420v, 60Hz
- Cable length : 8m

Pump Selection Chart

Model	Power		Volt (60Hz)	Phase	Rated Speed (RPM)	Outlet	Max. Flow (m3/h)	Max. Head (Mtr)
	Kw	HP						
PSCP42-25-5.5	5.5	7.5	380-420	3 Φ	3450	2"	25	42

Performance Chart

Model	Power		Q	US GPM	0	13	40	66	79	92	106	25
	Kw	HP		M3/H	0	3	9	15	18	21	24	25
				LPM	0	50	150	250	300	350	400	417
PSCP42-25-5.5	5.5	7.5	HEAD (m)		42	41	39.2	37.4	35.6	33	26.6	13

PRAKASH

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