

# Tide 1075

## Submersible Drainage Pumps



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# Tide 1075



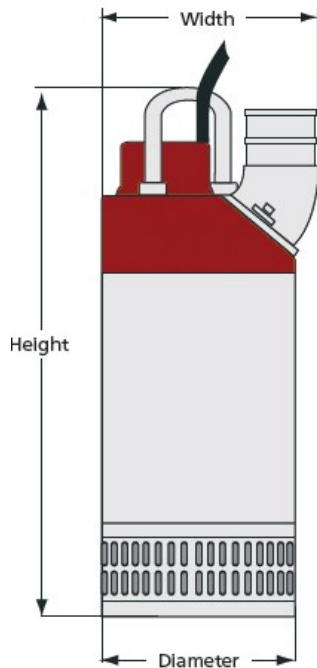
The **Tide 1075 Submersible Drainage Pumps** handle either clean or dirty water, even with small solids with the best performance and efficiency.

Specifications		
Max. Head	H	37m
Max. Capacity	M <sup>3</sup> /h	1020
Speed	Rpm	1750
Max. power input	kW	75.0
Voltage	V	440
Frequency	Hz	60
Cable length	M	8

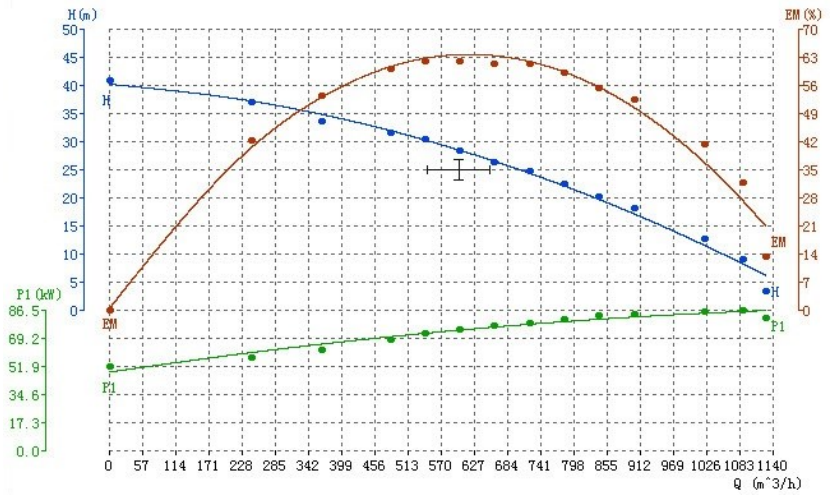
Weight & Dimensions		
Weight	Lbs.	1124
Height	in	55.5
Width	in	25.5
Diameter	in	23.6

## Typical applications

- General dewatering
- Ground water
- Raw water
- Construction sites



## Pump Curve



Product code	Tide 1075
Installation	Portable Drainage pump
Discharge connection	10" Standard for Gulfport D1010S, hose, ISO-G or NPT thread
Hydraulic range	S - Standard Head
Solid handling	Strainer hole dimension 0.47 in
Liquid temperature	max 104°F (40°C), standard
Depth of immersion	max 65 feet (20 m)
Liquid Density	9.2 lb. per US gal. (1100 kg/m3)
pH of the pumped liquid	pH 5-8
Frequency	60 Hz
Insulation class	Class F (+311°F/+155°C), IEC 85
Protection Class	IP68
Voltage variation	max ± 5% of nominal voltage
Voltage imbalance	max 2% - between phases
Max start stop	max 30 - No. of starts/hour
Thermal contacts	284°F (140°C)
Cable	Oil and wear resistant rubber cable type HO7RN-F
Power cable	No cable installed
Signal cable	No cable installed
Outer casing	Galvanized steel
Impeller	Cr-alloyed white cast iron, 55±5 HRC
Wear parts	Nitrile rubber diffuser center; cast-iron diffuser
Stator housing	Aluminum
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile Rubber
Discharge Connection	Aluminum
Bearings	Upper: Ball bearings with C3 clearance
	Lower: Double ball bearings with C3 clearance
	Instant Service Pack contains below in an oil bath
Mechanical seal	Primary seal: Tungsten carbide against silicon carbide
	Secondary seal: Carbon against silicon carbide
Quick couplings	-
Start type	External DOL starter
	Float switch
	Zinc anodes
Accessories	Epoxy coating

## Power Rating

**Rated power P2:** 84 HP (63 kW)

**Max. power input:** 80 kW (L / H)

**Motor Data**

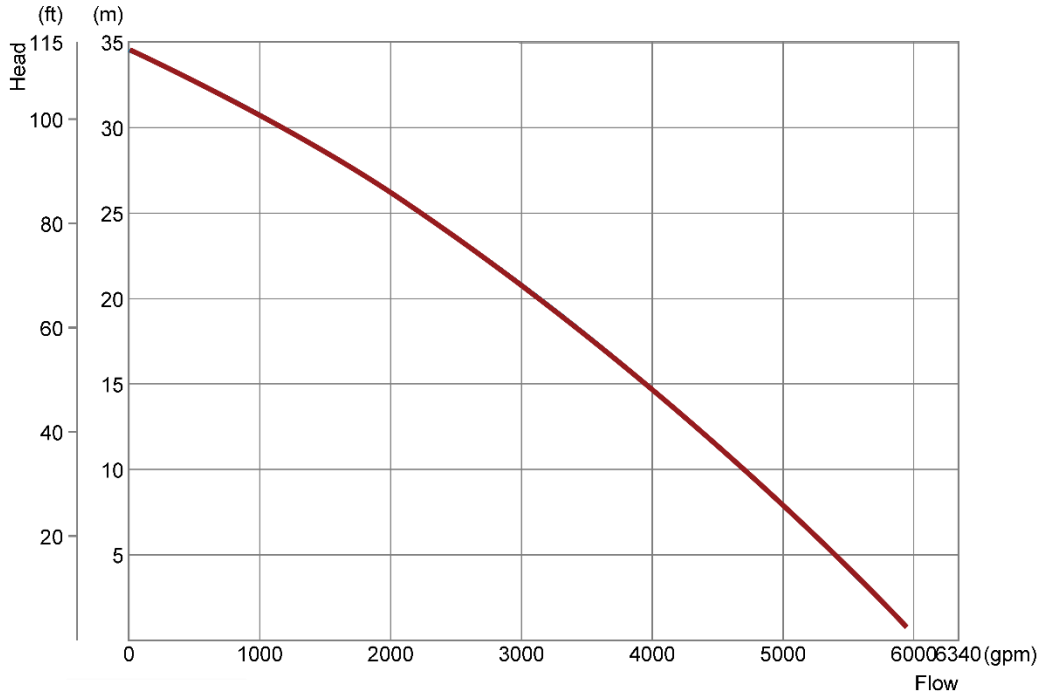
**Rated current A (L / H)**

460V

117

\*Other voltages available on request

## Performance Curve



## Power Rating

