

## THE HARD WORKING PUMP

The result of superior technology and expertise that has stood the test of time.



WELLPOINT DEWATERING PUMPS

**TDW** - SERIES

## WELLPOINT DEWATERING PUMP

The Tormac TDW Series represents a new benchmark in high-performance, fully automatic self-priming centrifugal pumps. Designed with over 25 years of engineering expertise, these pumps combine robust construction, ease of operation and advanced priming technology to meet the most demanding dewatering challenges across industries.

Each models in the series integrates a centrifugal pump with a dedicated vacuum chamber, enabling rapid and reliable self-priming without the need for manual filling. This feature ensures dependable performance in applications such as construction, mining, tunneling, municipal projects, flood control and large-scale excavation works.

Built for versatility, the TDW Series can be power by either diesel engines or electric motors and all units are skid-mounted or skid mounted with trailer options for ease of mobility. With suction and discharge configurations ranging from 4x4 up to 8x8, these pumps deliver exceptional flow rates - reaching up to 690 m<sup>3</sup>/h - while handling solids up to 25 mm in size.

The Tormac TDW Series is a fully automatic self-priming centrifugal pump designed for demanding applications such as WellPoint systems, excavation and heavy-duty dewatering. It is engine-driven, skid-mounted for mobility and equipped with a vacuum pump for automatic priming and reliable performance.



### Applications

- Construction & Excavation
- Mines & Tunnel Dewatering
- Flood Water Removal
- Heavy Sludge & Slurry
- Pipelines / Sewage / Municipal
- Marine & Stream Diversion

### Key Benefits

- Heavy-duty power frame with re-greaseable bearings
- Back pull-out design for easy maintenance
- Stainless steel shaft to minimize deflection
- Abrasion-resistant castings with excellent solids handling
- Dynamically balanced impeller for vibration-free performance
- Factory hydro-tested casing & seals for guaranteed reliability

Model : TDW 4x4

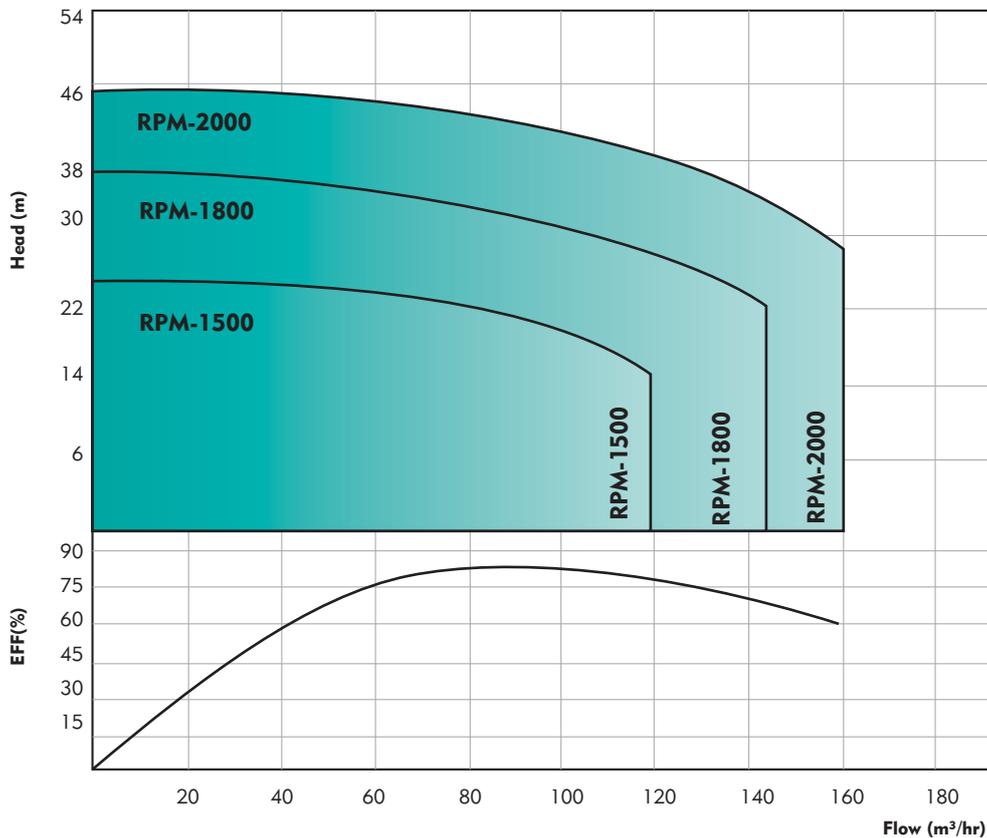
### Technical Data

PARAMETER	SPECIFICATION
Engine Power	20 HP / 15 kW
Head Range	25 / 38 / 46 m
Discharge	120 / 150 / 160 m <sup>3</sup> /h
Solids Handling	10 - 15 mm
Suction x Delivery	100 x 100 mm
Fuel Tank	120 L
Max. Temp	60°C
Speed	1500, 1800 & 2000 rpm
Hydrostatic Test Pressure	7.5 Bar

### Material of Construction

Impeller	SS 304 / SS 316 / Bronze
Casing	CI / WCB / SS 304 / CD4MCuN
Shaft	SS 304 / SS 316
Seal	Double (Silicon Carbide / Tungsten Carbide)
Skid	Mild Steel

### Performance Curve



The performance curve below shows Head vs Flow for the Tormac TDW Series Pumps at 1500, 1800 and 2000 rpm

**Model : TDW 6x6**

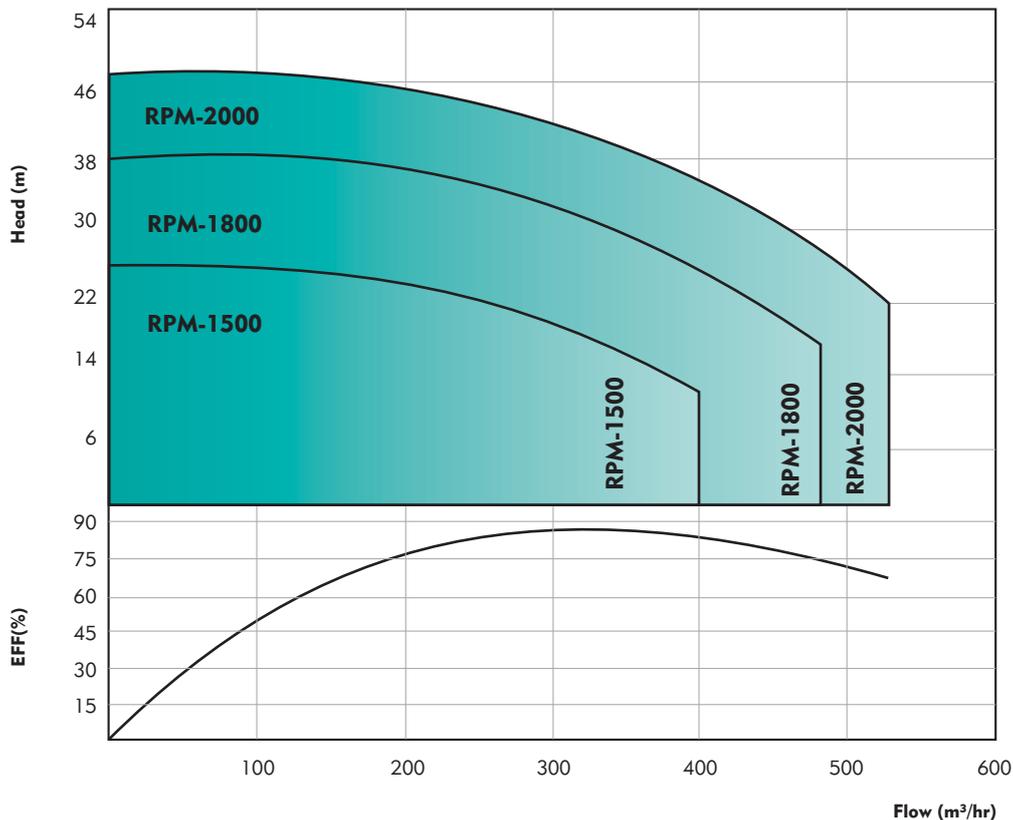
**Technical Data**

PARAMETER	SPECIFICATION
Engine Power	32 / 38 / 41 HP
Head Range	28 / 40 / 50 m
Discharge	400 / 490 / 630 m <sup>3</sup> /h
Solids Handling	20 mm
Suction x Delivery	150 x 150 mm
Fuel Tank	180 L
Max. Temp	60°C
Speed	1500, 1800 & 2000 rpm
Hydrostatic Test Pressure	8.25 Bar

**Material of Construction**

Impeller	SS 304 / SS 316 / Bronze
Casing	CI / WCB / SS 304 / CD4MCuN
Shaft	SS 304 / SS 316
Seal	Double (Silicon Carbide / Tungsten Carbide)
Skid	Mild Steel

**Performance Curve**



The performance curve below shows Head vs Flow for the Tormac TDW Series Pumps at 1500, 1800 and 2000 rpm

Model : TDW 8x8

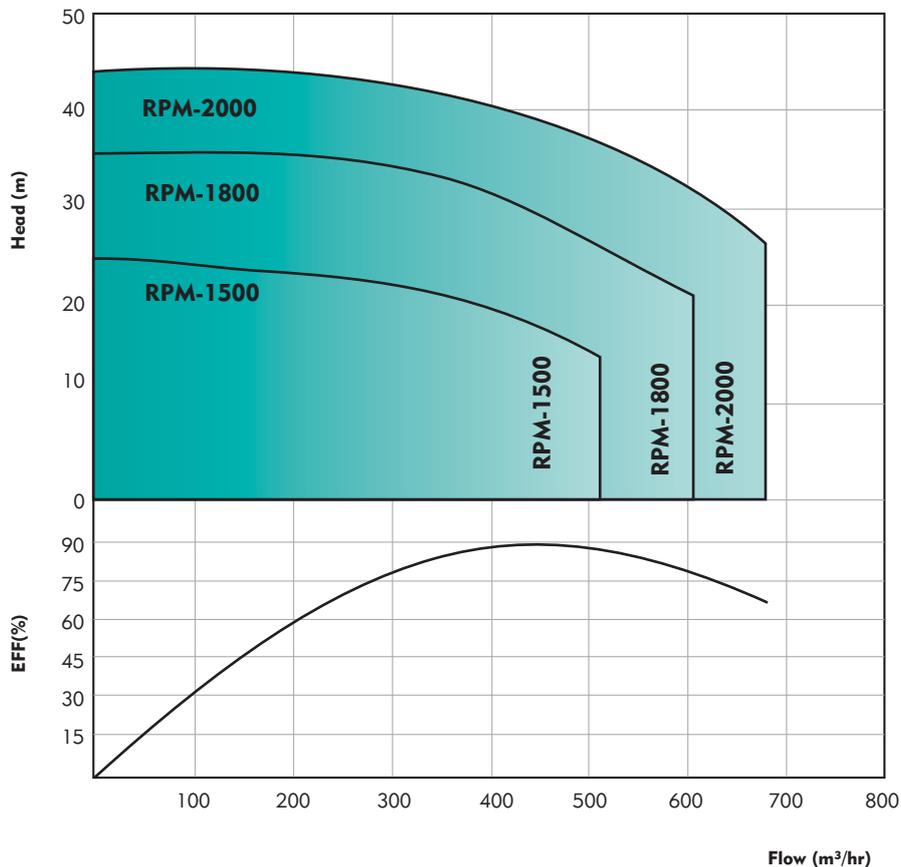
### Technical Data

PARAMETER	SPECIFICATION
Engine Power	56 / 65 / 70 HP
Head Range	23 / 34 / 43 m
Discharge	510 / 610 / 690 m <sup>3</sup> /h
Solids Handling	25 mm
Suction x Delivery	200 x 200 mm
Fuel Tank	240 L
Max. Temp	60°C
Speed	1500, 1800 & 2000 rpm
Hydrostatic Test Pressure	7.5 Bar

### Material of Construction

Impeller	SS 304 / SS 316 / Bronze
Casing	CI / WCB / SS 304 / CD4MCuN
Shaft	SS 304 / SS 316
Seal	Double (Silicon Carbide / Tungsten Carbide)
Skid	Mild Steel

### Performance Curve



The performance curve below shows Head vs Flow for the Tormac TDW Series Pumps at 1500, 1800 and 2000 rpm



## T H E P O W E R B E H I N D T H E F O R C E

Naargo Industries Private Limited, one of the leading manufacturers of latest state of art, large range of pumps and motors, is managed by veterans who are in the pump industry for almost half a century. The products are employed in various applications like irrigation, domestic, civil construction, de-watering etc; The Company has a strong distribution network in India for sales & service and a strong global presence.

Quality is the key factor in Naargo's products. The expansive infrastructure and environment accredited with ISO 9001 quality certification, latest engineering softwares, high-tech machinery, futuristic pumping technology and high caliber workforce facilitate the production of flawless and efficient products on par with international standards under the brand name of "Tormac". The well equipped R & D wing stays alive to the changing global trends and comes out with viable solutions for innovative product development and upgradation.

The Products currently available include Stainless Steel Submersible Pumps (SS 304, SS 316 & SS 904L), Submersible Motors (CI, SS 304, SS 316 & SS 904L - HT on optional), Starters & Control Panels, Centrifugal Monoblock Pumps, End Suction Pumps, Close Coupled Pumps, Horizontal Split Case Pumps, Horizontal & Vertical Multistage Pumps, Inline Booster Systems, Sewage, Drainage & Dewatering Pumps, Induction Motors, Submersible Cables, Riser Pipes and Column Pipes.

The power, performance and endurance of the products backed by the uncompromising teamwork and value systems will certainly propel the company's growth towards new horizons in the pump industry.

### **Naargo Industries Private Limited,**

**REG. OFFICE :** No. 8/116, Ground Floor, Athipalayam Road, Chinnavedampatti,  
Coimbatore North - 641049, Tamil Nadu, India. Tel : +91 978 6522622,  
E-mail : [tormac@tormacpumps.com](mailto:tormac@tormacpumps.com), Web : [www.tormacpumps.com](http://www.tormacpumps.com)