

THE HARD WORKING PUMP

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



PERIPHERAL PUMPS **50 Hz**

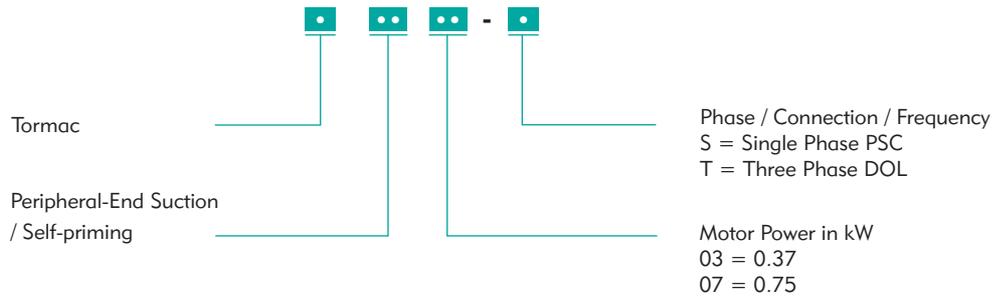
Peripheral, Jet & Centrifugal Monoblock Pumps - 50Hz

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GENERAL DATA

Model Identification Code



Description:

TEP - 03 SS, 0.37kW, 50Hz, 230V, 1Ph, 1" x 1" Peripheral End Suction Pump

TEP - 07 SS, 0.75kW, 50 Hz, 230V, 1Ph, 1" x 1" Peripheral End Suction pump

PERIPHERAL PUMPS > TEP - SERIES

Tormac single stage centrifugal pumps are providing with axial suction port and radial discharge port. The pump has back pull-out design. State of the art machinery, most advanced pumping technology and expertise gained over the years and employed in the, manufacture of these pumps. Quality raw material, seals, ball bearings and dynamically balanced rotating components are used to ensure long life.



Operating Data - Pump

Flow	to 2.5m ³ /h
Head	to 54m
Power	0.37 & 0.75kW
Speed	2850 rpm
Suction Size	1"
Delivery Size	1"
Liquid Temperature	to 35°C
Max. Ambient Temperature	40°C
Shaft seal	Mechanical seal
Impeller Type	Peripheral
Max. Working Pressure	to 5.4bar

Specifications - Motor

Power	0.37 & 0.75 kW
Voltage	220-230V, Single Phase
Frequency	50 Hz
Speed	2850 rpm
Class of Insulation	B
Ingress Protection	IP 54
Duty	S1 Continuous
Max. Ambient Temp.	40°C

Material of Construction

Part Name	Material (EN / DIN / SAE)
Pump Body	Aluminum - ADC-12 / ASTM A383 ADC-12
Impeller	CW612N / 2.0380 / ASTM B287 C37700
Shaft	EN8 / CK45 / ASTM A1045
Pump Support & Back Cover	Cast Iron - EN-GJL220 / GG20 / ASTM A48 Class 30B
Terminal Cover	Engineering Plastic
O Rings	NBR (Buna - N)
Mechanical seal	Ceramic & Carbon

Applications

Residential, Garden, Fountain

Pressure Boosting, Landscaping

Feed water supply in domestic RO

Design Features

Silent Operation

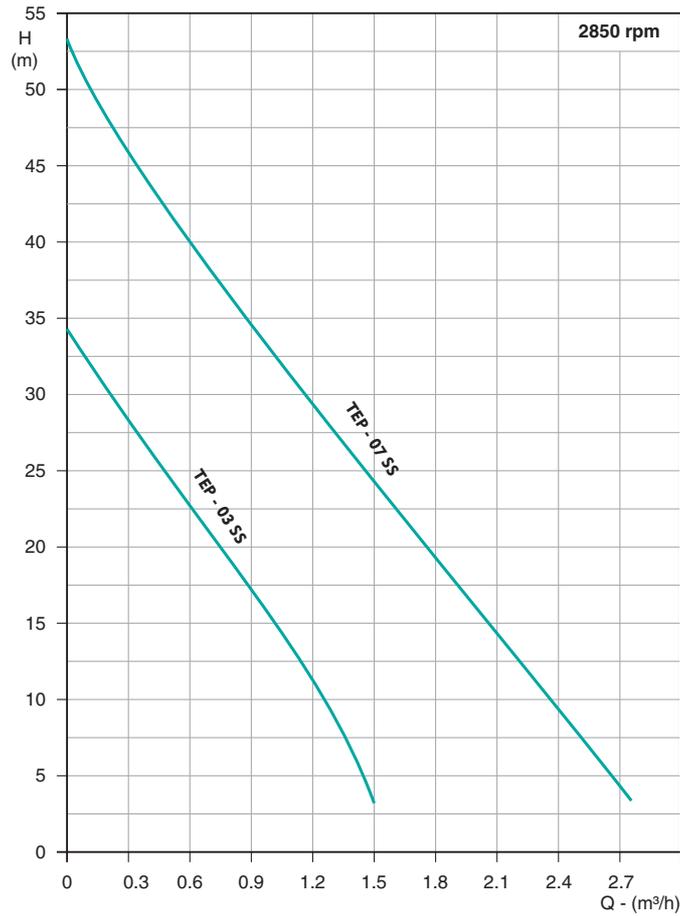
Sturdy and compact design

Thermal protection

Note: The company reserves the right to modify the technical specifications and illustrations without prior notice.

PERIPHERAL PUMPS

PERFORMANCE CURVES



PERFORMANCE TABLE

Single Phase 220V-230V, 50Hz

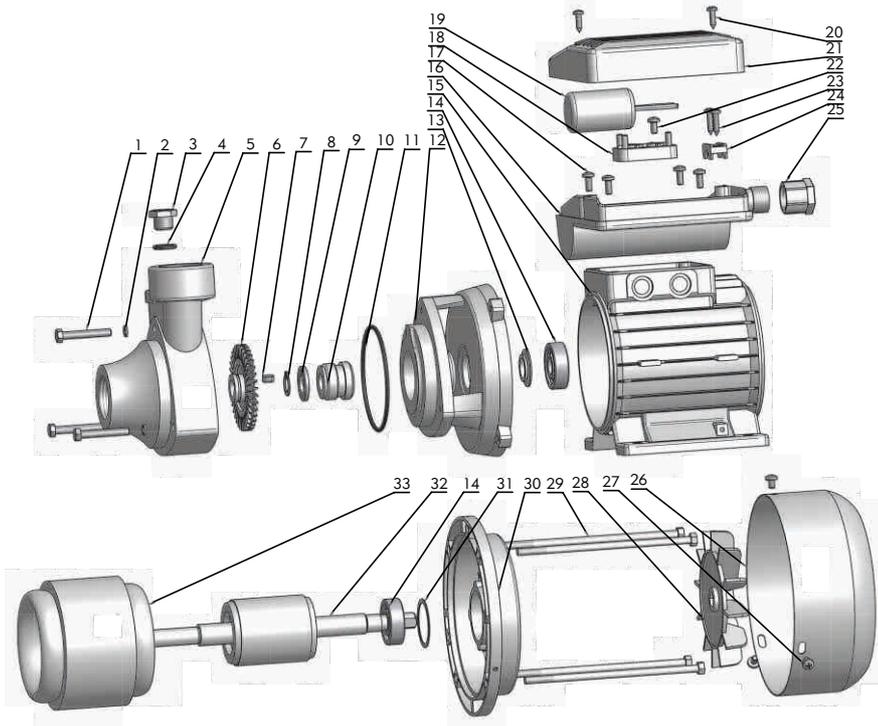
Pump Model	Power		Current (Amps)	Suction & Delivery Size (Inches)	Flow (Q)	Head (m)															
	kW	HP				lpm	0	5	6.6	10	11.6	15	18.3	20	25	30	35	40	Max. Suction Lift (m)		
						m³/h	0	0.3	0.4	0.6	0.7	0.9	1.1	1.2	1.5	1.8	2.1	2.8			
TEP - 03 SS	0.37	0.5	2.5	1 x 1	Head (m)	34.5	28	26	22.5	21	17	14	12	7	3	-	-	6			
TEP - 07 SS	0.75	1	4.5	1 x 1		53	46	44	40	38	35	30	29	24	20	15	3	6			

Performance curve tolerances are as per HI : 14.6 / ISO: 9906, Grade 3B

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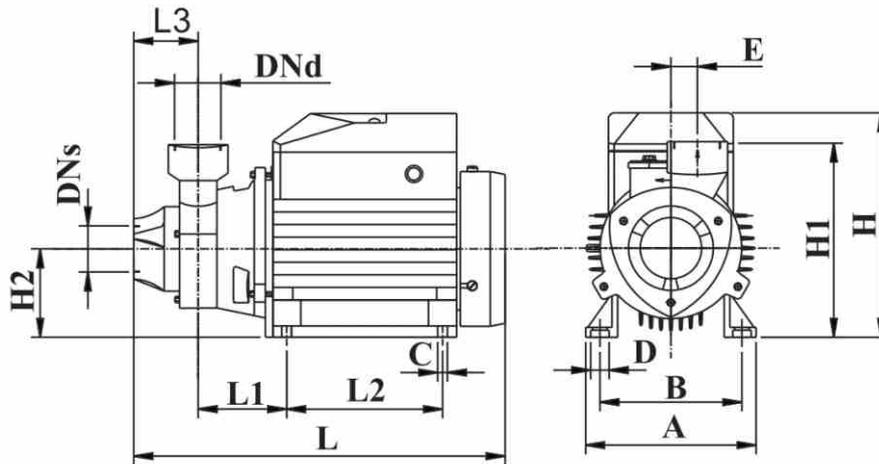
PERIPHERAL PUMPS

Exploded View



Part No.	Part Name
1	Bolt
2	Spring washer
3	Screw
4	O ring
5	Pump body
6	Impeller
7	Key
8	Snap Ring
9	Flat gasket
10	Mechanical Seal
11	O ring
12	Pump support
13	Water Deflector
14	Bearing
15	Motor housing
16	Terminal box
17	Screw
18	Terminal board
19	Capacitor
20	Screw
21	Terminal cover
22	Screw
23	Screw
24	Cable Grommet
25	Nut
26	Fan Cover
27	Screw
28	Fan
29	Bolt
30	Back cover
31	Wave washer
32	Rotor
33	Stator

General Arrangement Drawing (GAD)



Dimensions and Weight Data

PUMP MODEL	POWER (kW)	L1	L2	L	A	B	C	D	E	H	H1	H2	L3	DN _s	DN _d	NET WEIGHT (kg)
TEP - 03 SS	0.37	62	83	256	116	98	7	9	17	166	135	61	44	25	25	5.3
TEP - 07 SS	0.75	69	90	310	131	110	9	14	23	181	150	71	50	25	25	8.85

All dimensions are in mm



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, 4" Thermoplastic Submersible Pumps, 6" & 8" Cast Iron Submersible Pumps, Submersible Motors, Submersible cables, uPVC pipes, and control panels, Centrifugal Pumps, Inline Booster Pumps, Jet Self-priming Pumps Sewage pumps, Induction Pumps and Peripheral Pumps.

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.

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