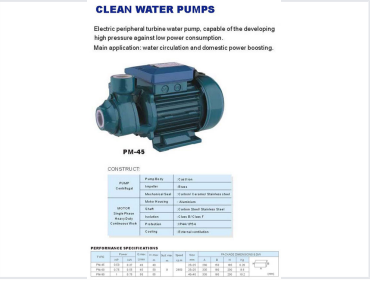
MERHEIN
Technical Datasheet

17 April 2026

Electric Peripheral Turbine Water Pump

Electric peripheral turbine water pump designed for developing high pressure with low power consumption. Main applications include water circulation and domestic power boosting.



Overview

High-Efficiency Peripheral Turbine Pump

This electric peripheral turbine water pump is engineered to deliver high pressure while maintaining low power consumption. It is an ideal solution for water circulation and domestic power boosting applications. Designed for reliability, the unit features a durable cast iron construction and is built for continuous operation.

Technical Specifications

Protection Rating

IP44 • IP54

Motor Type	Single Phase, Heavy Duty
Isolation Class	Class B, Class F
Cooling System	External ventilation

Construction

Material Composition

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon/Ceramic/Stainless Steel
- Motor Housing: Aluminium
- Shaft: Carbon Steel/Stainless Steel

Performance Data

Model Performance Specs

Model	Power (HP)	Max Flow (L/min)	Max Head (m)	Gross Weight (kg)
PM-45	0.5	40	40	6.2
PM-60	0.75	45	50	9.6
PM-80	1	50	55	10.2

Rated Speed

2850 rpm
Speed

Rooms 05–15, 13A/F South Tower, World Finance Centre, Harbour City, 17 Canton Rd, Tsim Sha Tsui, Kowloon, Hong Kong