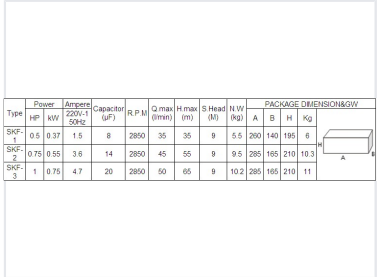
MERHEIN
Technical Datasheet

17 April 2026

Peripheral Water Pump with Brass Impeller

This peripheral pump is designed for a maximum ambient temperature of 40 and a maximum fluid temperature of 80 . It reaches a maximum pressure of up to 10 bar.



Type	Power		Ampere 220V-1 50Hz	Capacitor (μF)	R.P.M	Q max (l/min)	H max (m)	S.Head (M)	N.W (kg)	PACKAGE DIMENSION&GW			
	HP	kW								A	B	H	Kg
SKF-1	0.5	0.37	1.5	8	2850	35	35	9	5.5	260	140	195	6
SKF-2	0.75	0.55	3.6	14	2850	45	55	9	9.5	285	165	210	10.3
SKF-3	1	0.75	4.7	20	2850	50	65	9	10.2	285	165	210	11

ADDITIONAL IMAGES

Overview

High-Efficiency Peripheral Water Pump

The SKF series peripheral pumps are designed for efficient water transfer and pressure boosting, featuring a durable brass impeller. These units are engineered for clean water and non-aggressive liquids, making them ideal for household water supply, garden sprinkling, and washing systems. With a robust and economical construction, they offer reliable performance for both domestic and light industrial applications.

Performance Metrics

Key Performance Metrics

2850 RPM	50 l/min	65 m
Rated Speed	Max Flow Rate	Max Head

Technical Specifications

Model Comparison

Model	Power (HP)	Flow (l/min)	Head (m)	Net Weight (kg)
SKF-1	0.5	35	35	5.5
SKF-2	0.75	45	55	9.5
SKF-3	1	50	65	10.2

Electrical Requirements

- Voltage: 220V
- Frequency: 50Hz
- Capacitor: 8μF (SKF-1), 14μF (SKF-2), 20μF (SKF-3)

Applications & Usage	
Recommended Applications	Domestic Water Supply, Pressure Boosting, Garden Sprinkling, Well Water Extraction, Washing Booths
Installation Requirements	Must be installed in a covered area, protected against weather conditions.