

Self-Priming Centrifugal Water Pump for Deep Wells

These self-priming centrifugal pumps are designed for deep well suction, utilizing an ejector system. They are suitable for pumping clean water and fluids that are not chemically aggressive to the pump's components.



Overview

Self-Priming Deep Well Pump

The DP series is a range of self-priming centrifugal pumps engineered specifically for deep well applications. Utilizing an ejector housed in the jet body, these pumps can draw water from depths of up to 50 meters, making them ideal for domestic water distribution and garden irrigation. Constructed with durable materials like cast iron and brass, they offer high reliability and consistent performance even when handling fluids with entrained air.

Performance & Limits

Key Performance Metrics

66 l/min

Max Flow Rate

50 m

Max Head

50 m

Max Suction Depth

Operating Limits

- Fluid temperature up to 40 °C
- Maximum ambient temperature 40 °C
- Suitable for clean water and non-aggressive fluids

Technical Specifications

Construction Materials

- Cast iron pump body
- Cast iron jet body
- Brass impeller (centrifugal radial flow type)
- Stainless steel shaft

Electrical & Protection

IP44 Protection, Thermal Overload Protection, Single Phase Motor

Model Comparison

Available Models

Model	Power (kW)	Power (HP)
DP255A	0.55	0.75
DP370A	0.75	1
DP505A	1.1	1.5

General Information

Warranty

1 Year Warranty