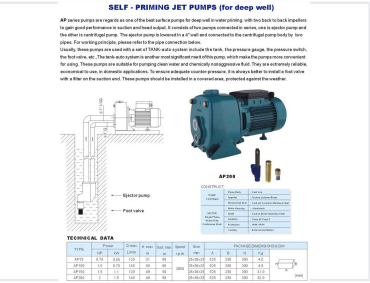
Deep Well Water Priming Pump

These surface pumps are designed for deep well water priming, utilizing two back-to-back impellers to enhance suction and head output. The pumps are suitable for pumping clean water and non-aggressive fluids in domestic settings.



Overview

Deep Well Water Priming Pump

The AP series deep well priming pump is an efficient surface pump solution designed for optimal suction and head output. Utilizing a dual-impeller system, it connects an ejector pump lowered into a 4-inch well with a centrifugal pump body for reliable water delivery. Ideal for domestic applications, this system is compatible with tank-auto setups, ensuring convenience and consistent pressure for clean, non-aggressive fluids.

Performance Metrics

Key Performance Metrics

2850 r.p.m	140 L/min	60 m
Operating Speed	Max Flow Rate	Max Suction Lift

Technical Specifications

Model Specifications

Model	Power (HP)	Power (kW)	Max Head (m)	Max Suction (m)
AP75	0.75	0.55	31	50
AP100	1	0.75	40	60
AP150	1.5	1.1	49	50
AP200	2	1.5	49	60

Construction

Material Composition

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

Protection Standards

IP44 • IP54 • Class B Isolation • Class F Isolation

Operational Features	Single Phase, Heavy Duty, Continuous Work, External Ventilation Cooling