

Deep Well Ejector Centrifugal Pump

This deep well pump features an ejector and centrifugal pump connected in series for efficient water extraction. It is designed for pumping clean water and non-aggressive fluids in domestic and industrial applications.



Overview

High-Efficiency Deep Well Water Supply

The GP-C series is a specialized pumping solution designed for extracting clean water from extremely deep wells. By combining an ejector unit with a centrifugal pump in series, these systems provide reliable performance for domestic water distribution and automatic booster systems. They are engineered for durability and are ideal for use with small to medium-sized surge tanks in various residential and light industrial applications.

Performance Metrics

Key Performance Metrics

10 bar

Max Pressure

3450 RPM

Motor Speed

40 °C

Max Fluid Temp

Construction

Pump Body	Cast iron
Motor Housing	Aluminum
Impeller Material	Brass, PPO, Double Plastic
Shaft Material	45# Steel or Stainless Steel (AISI 420 optional)
Mechanical Seal	Ceramic steatite / metalized carbon (graphite)

Technical Specifications

Protection & Insulation

IP44 • IP54 • Class B • Class F

Power Supply Options

- Single Phase: 230V 60Hz
- Three Phase: 220/380V 60Hz

Duty Cycle

Continuously rated

Model Comparison



Technical diagram showing the ejector and centrifugal pump configuration along with detailed performance curves.

Model Performance Data

Model	Power (HP)	Power (kW)	Pipe Dia (DN1xDN2xDN3)
GP 150C / 150CT	1.5	1.1	1.25" x 1" x 1"
GP 200C / 200CT	2	1.5	1.25" x 1" x 1"

Operating Limits

Installation Requirements

- Install in a covered area protected against weather
- Install foot valve with filter on suction opening
- Ensure adequate counter-pressure

Max Ambient Temperature

40 °C