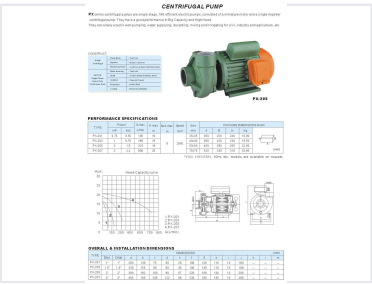
Single-Stage Centrifugal Water Pump

This single-stage centrifugal pump is a highly efficient electric pump consisting of a miniature motor and a single impeller. It is widely used in well-pumping, water supplying, decanting, mixing, and irrigating for civil, industrial, and agricultural purposes.



Product Overview

High-Efficiency Single-Stage Centrifugal Pumps

The PX series centrifugal pumps are robust, single-stage electric units engineered for high performance in diverse civil, industrial, and agricultural applications. Featuring a miniature motor coupled with a precise single-impeller system, these pumps excel at delivering both high capacity and impressive head pressure. Designed for versatility, they are ideal for well-pumping, water supply, mixing, and large-scale irrigation needs.

Construction Materials

Material Composition

Component	Materials
Pump Body	Cast Iron
Impeller	Brass or Cast Iron
Mechanical Seal	Carbon, Ceramic, or Stainless Steel
Motor Housing	Cast Iron
Shaft	Carbon Steel or Stainless Steel

Technical Specifications

Operating Characteristics

2850 r.p.m
Rotational Speed

9 m
Max Suction Lift

Protection & Insulation	Class B Insulation, Class F Insulation, IP44 Rated, IP54 Rated

Performance Data

Performance by Model

Model	Power (HP)	Max Flow (L/min)	Max Head (m)
PX-201	0.75	105	16
PX-203	1	180	16
PX-205	2	310	18
PX-207	3	800	20

Logistics

Package Dimensions & Weight

- PX-201: 350x220x230 mm, 15.00 kg
- PX-203: 360x220x230 mm, 16.50 kg
- PX-205: 430x280x265 mm, 22.00 kg
- PX-207: 520x330x310 mm, 33.80 kg