

Single-Phase Asynchronous Motor for Powering Small Machines

This single-phase asynchronous motor is designed to power small machine tools and water pumps. It is suitable for family workshops where only single-phase power is available.

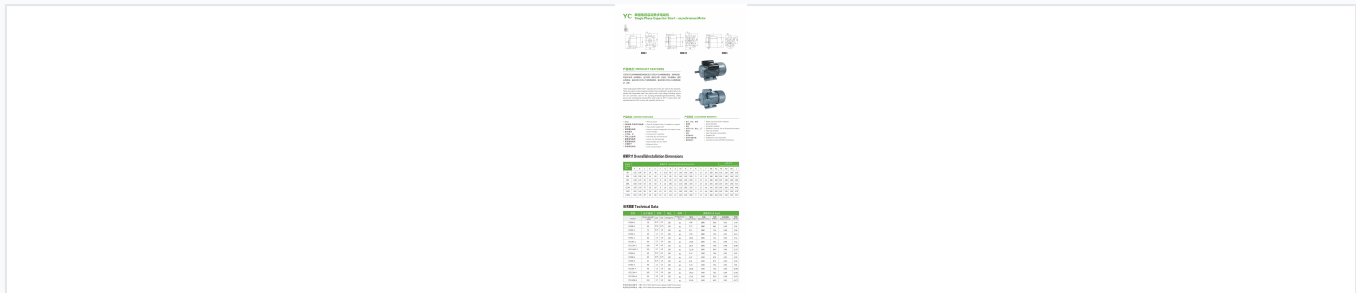


Overview

High-Performance Single-Phase Motors

The YC series single-phase capacitor-start asynchronous motors are precision-engineered for applications requiring high starting torque and robust overload capability. Designed to meet international IEC standards, these motors provide reliable power for machinery, water pumps, and air compressors in domestic, agricultural, and industrial settings. With features like Class B insulation, IP44 enclosure protection, and heavy-duty ball bearings, they ensure long-term durability and energy efficiency in demanding environments.

Technical Specifications



Engineering overview of the YC series motor features and construction standards.

Insulation Class	Class B (Class F available on request)
Enclosure Rating	IP44
Duty Cycle	S1 Continuous
Cooling	Cool running design

Performance Features

Product Highlights	Water Resistant, Dust Resistant, Corrosion Resistant, Low Vibration, Energy Efficient, High Torque
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Technical Data

Performance Metrics (Selected Models)

Model	Power (kW)	Speed (r/min)	Current (A)
YC80A-2	0.37	2880	3.08
YC90S-2	1.1	2880	7.9
YC112M-2	3	2900	18.27
YC80A-4	0.37	1450	2.74
YC132SB-4	3.7	1450	21.93