

DATA SHEET

Squirrel Cage Induction Motors

Single-phase Motor Type AR 63C2 2pole

Motor technology Permanent capacitor motor

Start capacitor disconnecting n/a

Area Safe Area

Environmental Conditions -20°C to +40°C, up to 1000 metres above sea level

Rated Voltage 230V 50Hz
Output at 50Hz 0.25 kW

Frame Size 63M Aluminium

Speed at 50Hz 2800 rpm

Current at 230V 50Hz 1.9A
Efficiency Class n/a
Efficiency at 50Hz 60.0%
Power factor (cos fi) 0.95

Rated Torque at 50Hz 0.9 Nm

Duty Cycle S1- Continuous duty

Starting Current Ratio 2.90
Starting Torque Ratio 0.40
Breakdown Torque Ratio 1.70

Internal Protection / Cooling IP55 / IC411 (TEFC)

Insulation Class class F/B

Standard Mountings B3, B5, B3/B5, B14A, B3/B14A, B14B, B3/B14B

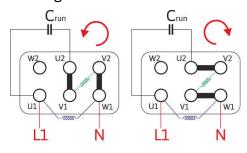
Run capacitor 8μF/450V

Start capacitor n/a
Weight 4.1 kg

Bearing DE/NDE 6202 2Z C3 / 6202 2Z C3

Bearing lubrication Bearings lubricated for life with lithium based grease

Wiring Diagram



Country of origin

Bulgaria

Please note that the same electrical design of Single-phase motor cannot be used for 50Hz and 60Hz. *Unloaded or underloaded single-phase motors produce higher level of noise than fully loaded motors.