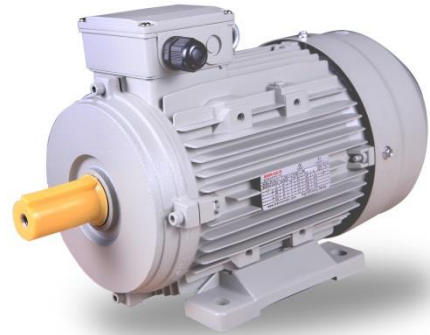


BRANCO

Data sheet for three-phase Squirrel-Cage-Motors

Ordering data: BA1-90L-2



Client order no.:
Project:
Item series no.:
Remarks:

Electrical Data

Rated motor voltage: 240VD/400VY

Frequency: 50 Hz

Rated motor power: 2.2 kW

Rated speed: 2840 r/min

Number of poles: 2

No load current: 1.7 Amp

Rated current: 4.52 Amp

Locked rotor torque: 19.4 N.m.

Pull out torque: 17.3 N.m.

Efficiency class: IE1

Efficiency 100% load: 80.13

Efficiency 75% load: 82.97

Power factor 100% load: 0.88

Motor protection: Without

Terminal box position: Top

Mechanical Data

Noise (Lw): 72 dB (A)

Bearing drive end: 6205 ZZ

Bearing non drive end: 6205 ZZ

Drain holes: No

Grease nipper: No

Coating: RAL 7030

Site Conditions

Ambient temperature: 40°C

Altitude above sea level: 1000m

Standard of specifications: IEC 60034

General Data

Frame Size: 90S

Type of construction: IMB3

Weight: 14.5 kg

Frame material: Cast iron

Fan cover material: Metal

Degree of protection: IP 55

Method of cooling: TEFC

Insulation: F

Duty type: S1

Direction of rotation: Bidirectional

Terminal Box

Material of Terminal box: Aluminium

Terminal screw thread: M4

Cable diameter: 13 - 18mm

Cable entry: M25x1.5

Cable gland: Yes

Special Design