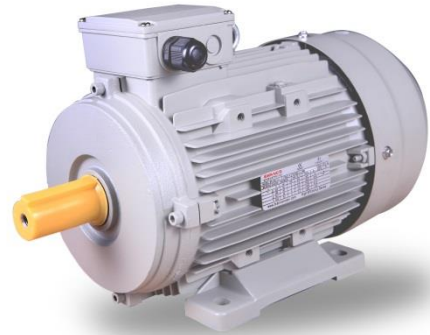


# BRANCO

## Data sheet for three-phase Squirrel-Cage-Motors

Ordering data: BA1-90S-2



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

### Electrical Data

Rated motor voltage: 240VD/400VY

Frequency: 50 Hz

Rated motor power: 1.5 kW

Rated speed: 2840 r/min

Number of poles: 2

No load current: 1.46 Amp

Rated current: 3.22 Amp

Locked rotor torque: 11.9 N.m.

Pull out torque: 10.8 N.m.

Efficiency class: IE1

Efficiency 100% load: 78.84

Efficiency 75% load: 81.42

Power factor 100% load: 0.85

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: 12 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