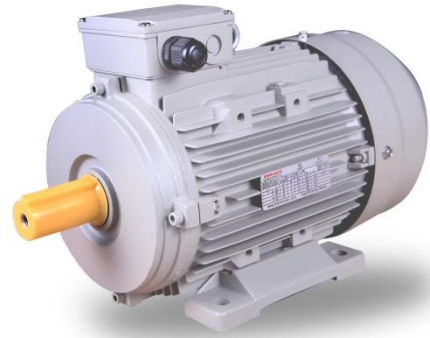


# BRANCO

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

Ordering data: BA1-100L2-4



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

### Electrical Data

Rated motor voltage:	400VD/690VY
Frequency:	50 Hz
Rated motor power:	3 kW
Rated speed:	1420 r/min
Number of poles:	4
No load current:	3.36 Amp
Rated current:	6.48 Amp
Locked rotor torque:	46.31 N.m.
Pull out torque:	42 N.m.
Efficiency class:	IE1
Efficiency 100% load:	81.89
Efficiency 75% load:	83.42
Power factor 100% load:	0.83
Motor protection:	Without
Terminal box position:	Top

### Mechanical Data

Noise (Lw):	64 dB (A)
Bearing drive end:	6206 ZZ
Bearing non drive end:	6206 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:	100L
Type of construction:	IMB3
Weight:	22.5 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:	18 - 25mm
Cable entry:	M32x1.5
Cable gland:	Yes

### Special Design

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