

# BRANCO

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

Ordering data: BA1-712-2



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

### Electrical Data

Rated motor voltage:	240VD/400VY
Frequency:	50 Hz
Rated motor power:	0.55 kW
Rated speed:	2800 r/min
Number of poles:	2
No load current:	0.59 Amp
Rated current:	1.36 Amp
Locked rotor torque:	4.96 N.m.
Pull out torque:	5 N.m.
Efficiency class:	IE1
Efficiency 100% load:	73.19
Efficiency 75% load:	76.92
Power factor 100% load:	0.88
Motor protection:	Without
Terminal box position:	Top

### Mechanical Data

Noise (Lw):	64 dB (A)
Bearing drive end:	6202 ZZ
Bearing non drive end:	6202 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:	71
Type of construction:	IMB3
Weight:	6 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

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