

BRANCO

Data sheet for three-phase Squirrel-Cage-Motors

Ordering data: BA1-112M-6



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:	940 r/min
Number of poles:	6
No load current:	4.01 Amp
Rated current:	8.47 Amp
Locked rotor torque:	62.02 N.m.
Pull out torque:	65.5 N.m.
Efficiency class:	IE1
Efficiency 100% load:	83.75
Efficiency 75% load:	84.94
Power factor 100% load:	0.82
Motor protection:	Without
Terminal box position:	Top

Mechanical Data	
Noise (Lw):	64 dB (A)
Bearing drive end:	6306 ZZ
Bearing non drive end:	6306 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:	112M
Type of construction:	IMB3
Weight:	25 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	