

BRANCO

Data sheet for three-phase Squirrel-Cage-Motors

Ordering data: BA1-801-2



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

Electrical Data

Rated motor voltage:	240VD/400VY
Frequency:	50 Hz
Rated motor power:	0.75 kW
Rated speed:	2800 r/min
Number of poles:	2
No load current:	0.67 Amp
Rated current:	1.75 Amp
Locked rotor torque:	6.8 N.m.
Pull out torque:	7.8 N.m.
Efficiency class:	IE1
Efficiency 100% load:	72.51
Efficiency 75% load:	73.04
Power factor 100% load:	0.88
Motor protection:	Without
Terminal box position:	Top

Mechanical Data

Noise (Lw):	67 dB (A)
Bearing drive end:	6204 ZZ
Bearing non drive end:	6204 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:	80
Type of construction:	IMB3
Weight:	8.7 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

--