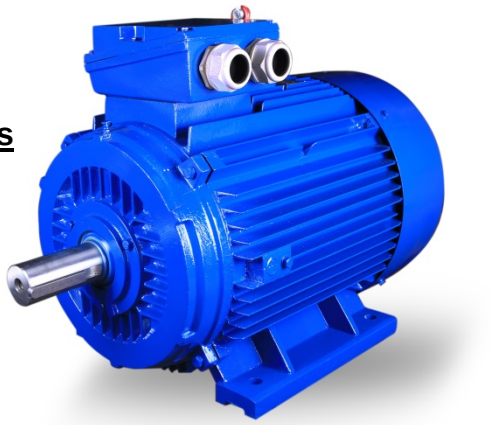
BRANCO

Data sheet for three-phase Squirrel-Cage-Motors

Ordering data: BR2-200L1-2



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

Electrical Data	
Rated motor voltage:	400VD/690VY
Frequency:	50 Hz
Rated motor power:	30 kW
Rated speed:	2930 r/min
Number of poles:	2
No load current:	16.10 Amp
Rated current:	52.6 Amp
Locked rotor torque:	217.1 N.m.
Pull out torque:	260 N.m.
Efficiency class:	IE2
Efficiency 100% load:	93.1
Efficiency 75% load:	92.7
Efficiency 50% load:	91
Power factor 100% load:	0.90
Motor protection:	3 PTC thermistors
Terminal box position:	Top

Mechanical Data	
Noise (Lw):	84 dB (A)
Bearing drive end:	6312 C3
Breading non drive end:	6312 C3
Drain holes:	No
Grease nipper:	Yes
Re-lubrication interval at/Grams:	3500 h / 20 g
Coating:	RAL 5010
Moment of inertia	0.1277 kgm²

Site Conditions	
Ambient temperature:	40°C
Altitude above sea level:	1000m
Standard of specifications:	IEC 60034

General Data	
Frame Size:	200L
Type of construction:	IMB3
Weight:	252 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:	Cast iron
Terminal screw thread:	M8
Cable diameter:	22 - 32mm
Cable entry:	M48x1.5
Cable glad:	Yes

Special Design