

Order motor-data-sheet

Squirrel-cage induction electric motor



Mors 2
7151 MX EIBERGEN
THE NETHERLANDS

Phone: 0545-464640
Sales:
Fax: 0545-475065
E-mail: info@rotor.nl
Web: www.rotor.nl

VAT no: 003136346B01
Reg. no.....: 08030665
Bank no: 451087518
BIC code.....: ABNANL2A
IBAN : NL70ABNA0451087518

Impexron GmbH
Attn.

Gönningerstr. 99
72793 PFULLINGEN
GERMANY

Your ref. IMP213451
Onze order Q17.0151798
Our ref. 1320155
Date 28.07.2017
ID P000019639

Motor:

motor type.....: TCA200LA4E3 4 pole
Environment.....: -20°C to +40°C, up to 1000m above sea level
Area: Safe area
Execution:
Rated voltage [Vac] D400 / Y690 50 Hz
Output [kW].....: 30,00
Nom. torque [Nm]: 193,32
Duty: S1
Bearings.....: DE: 6312-2Z/C3WT , NDE: 6212-2Z/C3

Insulation class: F (155°C)
Degree of protection: IP55
Method of cooling.....: IC411
Mounting: IM1001
Mass [kg].....: 282,00
Moment of inertia [kgm²]: 0,48140

At nominal (rated load):

Speed [rpm]: 1482
temp.rise acc. B (80K)

Nom. current [A].....: 54,23 / 31,31 at 400V / 690V 50Hz

	Partial load - 75%	Full load - 100%	Overload - 125%
Power factor		0,85	
Efficiency [%]		93,6	IE3

At start

Locked rotor torque [%] : 256
Locked rotor current [%]: 797

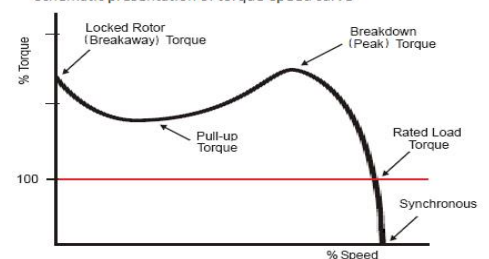
Breakdown

Break down torque [%] .: 311

No-load at nominal

No load current [A].....: 19,45

Schematic presentation of torque-speed curve



Configuration / Extra: 1001

squirrel cage ind. motor TCA200LA04E3 RAL 5014 / PTC 150°C-1001



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rotor b.v.

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Date 28.07.2017

ID P000019665

Motor:

motor type.....: TCA225S4E3 4 pole

Environment.....: -20°C to +40°C, up to 1000m above sea level

Area: Safe area

Execution:

Rated voltage [Vac] D400 / Y 690 50 Hz

Output [kW].....: 37,00

Nom. torque [Nm]: 238,27

Duty: S1

Bearings.....: DE: 6313-2Z/C3WT , NDE: 6213-2Z/C3WT

Insulation class: F (155°C)

Degree of protection: IP55

Method of cooling.....: IC411

Mounting: IM1001

Mass [kg].....: 354,00

Moment of inertia [kgm²]: 0,61890

At nominal (rated load):

Speed [rpm]: 1483

temp.rise acc. B (80K)

Nom. current [A].....: 67,23 / 38,81 at 400V / 690V 50Hz

	Partial load - 75%	Full load - 100%	Overload - 125%
Power factor		0,85	
Efficiency [%]		93,9	IE3

At start

Locked rotor torque [%] : 215

Locked rotor current [%]: 709

Breakdown

Break down torque [%] .: 280

No-load at nominal

No load current [A].....: 25,34

Configuration / Extra: 1001

squirrel-cage induction motor TCA225S4E3U46-1001

Schematic presentation of torque-speed curve

