

Order motor-data-sheet

Squirrel-cage induction electric motor

Impexron GmbH
Attn.

Gönningerstr. 99
72793 PFULLINGEN
GERMANY

Your ref. IMP274900
Our order: Q18.0165985
Our ref. 1320155
Date 23.05.2018
ID P000044902

ROTOR BV

rotor nl **marathon**
Motors

brands of: **REGAL**

Mors 1-5, 7151MX
Eibergen, The Netherlands
Tel-operator: +31 (0) 545 46 46 40
Sales: +31 (0) 545 46 46 46

www.rotor.nl
www.regalbeloit.eu

Motor:

motor type.....: HJN160M4 4 pole
Environment.....: -20°C to +40°C, up to 1000m above sea level
Area: Safe area
Execution:
Rated voltage [Vac] D 380 / Y 660 50 Hz
Output [kW].....: 7.50
Nom. torque [Nm]: 49.06
Duty: S1
Bearings.....: DE: 6309-2Z/C3WT , NDE: 6309-2Z/C3WT

Insulation class: F (155°C)
Degree of protection: IP55
Method of cooling.....: IC411
Mounting: IM3001 FF300
Mass [kg].....: 122.87

At nominal (rated load):

Speed [rpm]: 1460
temp.rise acc. B (80K)

Nom. current [A].....: 22.11 / 12,77 at 380V / 660V 50Hz Acoustic pressure [dB(A)]: 63.0

	Partial load - 75%	Full load - 100%	Overload - 125%
Power factor		0.84	
Efficiency [%]		89.8 IE2	

At start

Locked rotor torque [%] : 233
Locked rotor current [%]: 725

Pull-up

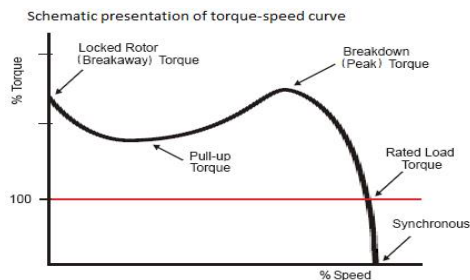
Pull up torque [%]: 161

Breakdown

Break down torque [%] .: 285

No-load at nominal

No load current [A].....: 8.32



Configuration / Extra: R57

squirrel cage ind. Motor HJN 160M-4-11KW-3001
VSD drive <480V
acc. regulation 2005/32/EC min. IE2
Terminal box on NDE side HJN160
Deep groove ball bearing 6309-2RS1/C3
C3-1K coating RAL 9006 White aluminium-160
Oil-retaining ring HJ 160 / 45*60*7mm / Viton