Order motor-data-sheet

Squirrel-cage induction electric motor

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

Impexron GmbH

Gönningerstr. 99
72793 PFULLINGEN
GERMANY

Your ref.	535242
Onze order	Q20.0202437
Our ref.	1320155
Date	21.10.2020
ID	P000020038

Motor:

motor type.....: **HJA90S4** **4 pole**
Environment.....: **-20°C to +40°C, up to 1000m above sea level**
Area .....: **Safe area**
Execution .....:
Rated voltage [Vac] **D 230 / Y 400 50 Hz**
Output [kW].....: **1,10**
Nom. torque [Nm] .....: **7,53**
Duty .....: **S1**

Insulation class .....: **F** (155°C)
Degree of protection .....: **IP55**
Method of cooling.....: **IC411**
Mounting .....: **IM1001**
Mass [kg].....: **12,51**

Bearings.....: DE: 6205-2Z/C3WT , NDE: 6205-2Z/C3WT

At nominal (rated load):

Speed [rpm] .....: **1395**

temp.rise acc. B (80K)

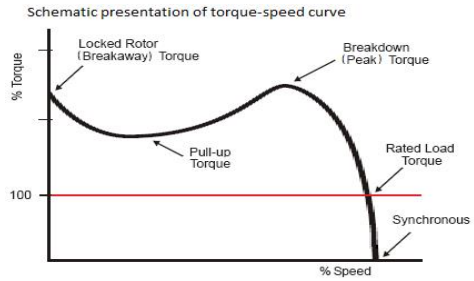
Nom. current [A].....: **4,41 / 2,55** at 230V / 400V 50Hz

At no load
On load

	Partial load - 75%	Full load - 100%	Overload - 125%
Power factor		**0,77**	
Efficiency [%]		**81,4** **IE2**	

At start

Locked rotor torque [%] : **284**
Locked rotor current [%]: **603** Locked rotor current [A]: **26,59**



Breakdown

Break down torque [%] .: **301**

Configuration / Extra: R14

- squirrel cage ind. motor HJA90S4 1,1kW-1001
- VSD drive <480V

acc. regulation 2005/32/EC min. IE2

rotor is a ISO 9001 certified company

Country of origin

This is an uncontrolled copy, data can be changed any time. Tolerances acc. IEC 34-1 table 20.

JA

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GERMANY

Your ref.	535242
Onze order	Q20.0202437
Our ref.	1320155
Date	21.10.2020
ID	P000043574

Motor:

motor type.....: **HJA90S4** **4 pole**
Environment.....: **-20°C to +40°C, up to 1000m above sea level**
Area .....: **Safe area**
Execution .....:
Rated voltage [Vac] **D 265 / Y 460 60 Hz**
Output [kW].....: **1,30**
Nom. torque [Nm] .....: **7,41**
Duty .....: **S1**

Insulation class .....: **F** (155°C)
Degree of protection .....: **IP55**
Method of cooling.....: **IC411**
Mounting .....: **IM1001**
Mass [kg].....: **12,51**

Bearings.....: DE: 6205-2Z/C3WT , NDE: 6205-2Z/C3WT

At nominal (rated load):

Speed [rpm] .....: **1675**

temp.rise acc. B (80K)

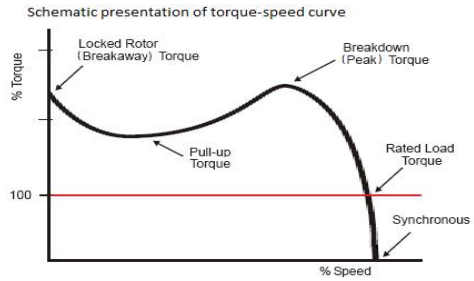
Nom. current [A].....: **4,52 / 2,61** at 265V / 460V 60Hz

At no load
On load

	Partial load - 75%	Full load - 100%	Overload - 125%
Power factor		**0,77**	
Efficiency [%]		**81,4** **IE2**	

At start

Locked rotor torque [%] : **275**
Locked rotor current [%]: **595** Locked rotor current [A]: **26,89**



Breakdown

Break down torque [%] .: **290**

Configuration / Extra: R14

- squirrel cage ind. motor HJA90S4 1,1kW-1001
- VSD drive <480V

acc. regulation 2005/32/EC min. IE2

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