

Order motor-data-sheet

Squirrel-cage induction electric motor

Impexron GmbH

Gönningerstr. 99
72793 PFÜLLINGEN
GERMANY

Your ref. 375489
Our order: Q19.0186410
Our ref. 1320155
Date 30.08.2019
ID P000019988



Motor:

motor type **HJA100LX4** **4 pole**
Environment **-20°C to +40°C, up to 1000m above sea level**
Area **Safe area**
Execution
Rated voltage [Vac] **D230 / Y400 50 Hz**
Output [kW] **3.00**
Nom. torque [Nm] **20.11**
Duty **S1**

Insulation class **F (155°C)**
Degree of protection **IP55**
Method of cooling **IC411**
Mounting **IM3001 FF215**
Mass [kg] **23.01**

Bearings DE: 6206-2Z/C3WT , NDE: 6206-2Z/C3WT

At nominal (rated load):

Speed [rpm] **1425**
temp.rise acc. B (80K)

Nom. current [A] **10.57 / 6,10** at 230V / 400V 50Hz

At no load
On load

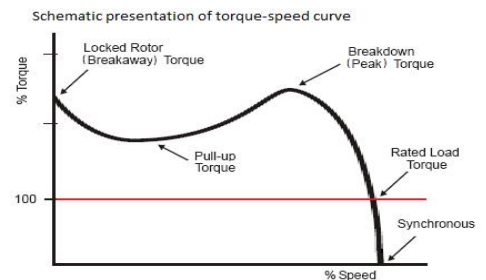
	Partial load - 75%	Full load - 100%	Overload - 125%
Power factor		0.83	
Efficiency [%]		85.5	IE2

At start

Locked rotor torque [%] : **306**
Locked rotor current [%]: **723** Locked rotor current [A]: **76.42**

Breakdown

Break down torque [%] : **352**



Configuration / Extra: R8

- squirrel cage ind. motor HJA100LX4 3kW-3001
 - VSD drive <480V
- acc. regulation 2005/32/EC min. IE2

Country of origin P.R. CHINA

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

24026



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Our order: Q19.0186410
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Date 30.08.2019
ID P000019989



Motor:

motor type **HJA100LX4** **4 pole**
Environment **-20°C to +40°C, up to 1000m above sea level**
Area **Safe area**
Execution
Rated voltage [Vac] **D440** **60 Hz**
Output [kW] **3.00**
Nom. torque [Nm] **16.66**
Duty **S1**

Insulation class **F** (155°C)
Degree of protection **IP55**
Method of cooling **IC411**
Mounting **IM3001 FF215**
Mass [kg] **23.01**

Bearings DE: 6206-2Z/C3WT , NDE: 6206-2Z/C3WT

At nominal (rated load):

Speed [rpm] **1720**
temp.rise acc. B (80K)

Nom. current [A] **6.37 / 3.68** at 440V 60Hz

At no load
On load

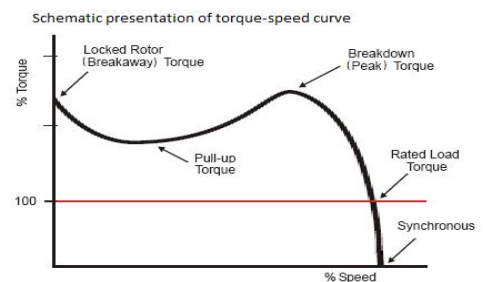
	<u>Partial load - 75%</u>	<u>Full load - 100%</u>	<u>Overload - 125%</u>
Power factor		0.83	
Efficiency [%]		IE2	

At start

Locked rotor torque [%] : **15**
Locked rotor current [%]: **196** Locked rotor current [A]: **12.49**

Breakdown

Break down torque [%] : **17**



Configuration / Extra: R8

- squirrel cage ind. motor HJA100LX4 3kW-3001
 - VSD drive <480V
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