

Model No. 6-Pole cage motor 6RN 315S 75kW D400V 50Hz IM2001-FF600

U (V)	Δ / Y Conn	f [Hz]	P [kW]	P [hp]	I [A]	n [RPM]	T [Nm]	IE Class	% EFF at __ load FL 3/4FL 1/2FL	PF at __ load FL 3/4FL 1/2FL	I _A /I _N [pu]	T _A /T _N [pu]	T _K /T _N [pu]
400	D	50	75	100	141	988	724,9	IE1	92,6	0,83	7,10	2,50	2,70
690	Y				82								
460	D	60	90	120	145	1186	724,7	IE1	93,0	0,84	6,90	2,40	2,60

Motor type **6RN315S06E10**
Enclosure **Totally Enclosed Fan Cooling**
Frame Material **Cast iron**
Frame size **315S**
Duty **S1**
Voltage **400 V**
Frequency **50 Hz**
Power output **75 kW**

Insulation class **F**
Ambient temperature **-20 till 40 °C**
Temperature rise **-**

Temperature rise surface
Altitude above sea level **1000 mtr**
Hazardous area classification **Safe area**

Rotor type **Cage motor**
Bearing type **6319/C3**
Lubrication method **40gr/6000hrs**
Type of grease **Unirex N3**

Country of origin **CZ**

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	250%	709%		270%	
@ D 460V 60Hz	240%	689%		260%	

NOTE

All performance values at rated voltage and frequency.

All performance parameters are subjected to standard tolerance as per IEC 60034-1

Voltage, Frequency are as per IEC60034-1

Technical data are subject to change. There may be discrepancies between calculated and name plate values.

Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30

This is an uncontrolled copy, data can be changed anytime.

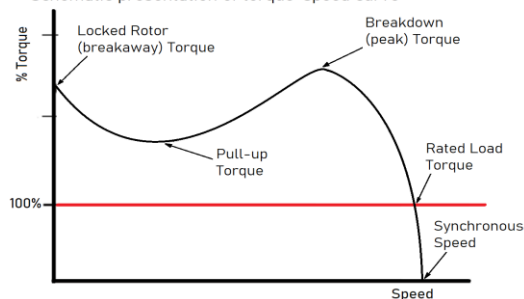
Degree of protection **IP55**
Mounting type **IM2001-FF600**
Cooling method **IC411**
Motor weight - approx. **660 kg**
Gross weight - approx. **680 kg**
Motor inertia **2,1000 kgm²**

Vibration level **according IEC60034-14**

Direction of rotation **cw /ccw**

PTC 150°C

Schematic presentation of torque-speed curve



P000041728

P000018167



Driving efficiency and sustainability

