

Model No. 4-Pole cage motor 6RN 200L 37kW D400V 50Hz IM2021-FF350

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	37	49,6	68,3	1465	241,2	IE2	93,3	0,84	6,99	2,42	3,00
690	Y				39,4								
460	D	60	42,5	56,97	67	1770	229,3	IE2	93,9 94,4 94,4	0,85 0,81 0,73	7,36	2,29	2,93

Motor type **6RN200L04E26**
Enclosure **Totally Enclosed Fan Cooling**
Frame Material **Cast iron**
Frame size **200L**
Duty **S1**
Voltage **400 V**
Frequency **50 Hz**
Power output **37 kW**

Insulation class **F**
Ambient temperature **-20 till 40 °C**
Temperature rise **temp.rise acc. F**
Temperature rise winding **70 K**
Temperature rise surface **34 K**
Altitude above sea level **1000 mtr**
Hazardous area classification **Safe area**

Rotor type **Cage motor**
Bearing type **6312-2Z/C3WT**

Type of grease **Unirex N3**

Phase resistance at 20°C **0,1673 Ohm**
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	242%	698%	230%	300%	26,1 A
@ D 460V 60Hz	229%	734%	221%	293%	23,1 A

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.

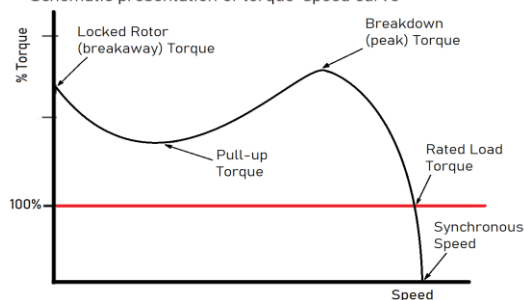
Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30

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

Degree of protection **IP55**
Mounting type **IM2021-FF350**
Cooling method **IC411**
Motor weight - approx. **240 kg**
Gross weight - approx. **247 kg**
Motor inertia **0,2460 kgm²**
Vibration level **according IEC60034-14**

Direction of rotation **cw / ccw**

Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

