

Model No. 6-Pole cage motor 6RN 200L 22kW D400V 50Hz IM3021-B

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	22	30	43	978	214,8	IE2	90,8 90,9 90,5	0,81 0,77 0,68	6,61	2,58	2,65
690	Y				24,9								
460	D	60	25,3	33,91	42	1178	205,1	IE1	91,7	0,82	6,80	2,45	2,50

Motor type	6RN200L06E25
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	200L
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	22 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. F
Temperature rise winding	71 K
Temperature rise surface	39 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	0,3059 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	258%	660%	233%	265%	16,9 A
@ D 460V 60Hz	245%	683%	220%	250%	15 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.

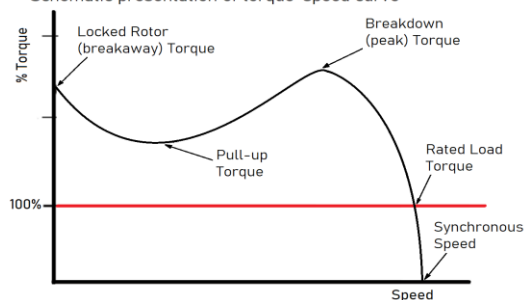
Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30

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

Degree of protection	IP55
Mounting type	IM3021-B
Cooling method	IC411
Motor weight - approx.	220 kg
Gross weight - approx.	227 kg
Motor inertia	0,3000 kgm ²
Vibration level	according IEC60034-14
Noise level (pressure) acc 60034-9	58 dB(A)

Direction of rotation	cw / ccw
-----------------------	----------

Schematic presentation of torque-speed curve



P000014468
P000015459



Driving efficiency and sustainability

