

Model No. 6-Pole cage motor 6RN 200L 18,5kW D400V 50Hz IM3021-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	18,5	24,8	37,2	980	180,3	IE4	93,5	0,77	6,80	2,80	2,90
690	Y				21,4								
460	D	60	18,5	24,8	32,8	1185	149,1	IE4	94,5	0,75	8,11	3,00	3,26

Motor type	6RN200L06E44
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	200L
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	18,5 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	-
Temperature rise winding	45 K
Temperature rise surface	
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Degree of protection	IP55
Mounting type	IM3021-FF350
Cooling method	IC411
Motor weight - approx.	215 kg
Gross weight - approx.	221 kg

Vibration level according IEC60034-14

Direction of rotation cw / ccw

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

Type of grease	Unirex N3
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Phase resistance at 20°C	0,3282 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	280%	674%		290%	16,8 A
@ D 460V 60Hz	300%	792%		326%	16 A

NOTE

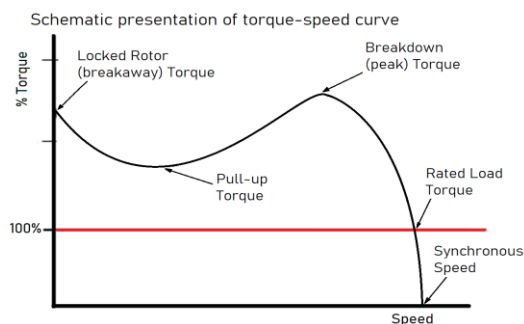
All performance values at rated voltage and frequency.

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



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Driving efficiency and sustainability

