

Model No. 2-Pole cage motor 6RN 250M 75kW D400V 50Hz IM3021-FF500

U (V)	Δ / Y Conn	f [Hz]	P [kW]	P [hp]	I [A]	n [RPM]	T [Nm]	IE Class	% EFF at __ load			PF at __load			I _A /I _N [pu]	T _A /T _N [pu]	T _K /T _N [pu]
									FL	3/4FL	1/2FL	FL	3/4FL	1/2FL			
400	D	50	75	100	127	2970	241,2	IE3	94,7	94,9	94,5	0,90	0,89	0,83	6,80	2,14	2,86
690	Y				74												
460	D	60	84	112,6	123	3570	224,7	IE3	95,0	94,5	94,3	0,90	0,89	0,84	6,80	2,30	2,90

Motor type	6RN250M02E36
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	250M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	75 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. B
Temperature rise winding	66 K
Temperature rise surface	29 K
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area
Te time	0 sec
Rotor type	Cage motor
Bearing type	6315/C3
Lubrication method	25gr/4000hrs
Type of grease	Unirex N3

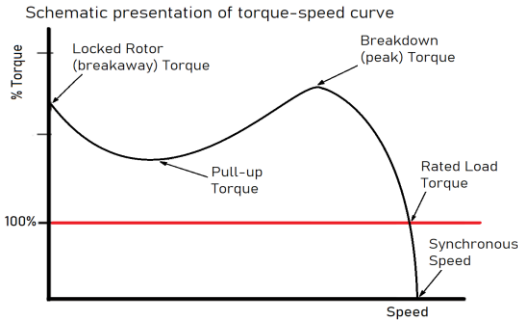
Country of origin CZ

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	214%	679%	176%	286%	30 A
@ D 460V 60Hz	230%	679%		290%	29 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

Degree of protection	IP55
Mounting type	IM3021-FF500
Cooling method	IC411
Motor weight - approx.	480 kg
Gross weight - approx.	490 kg
Motor inertia	0,5600 kgm ²
Vibration level	according IEC60034-14
Direction of rotation	cw /ccw



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

Driving efficiency and sustainability

