

Model No. 6-Pole cage motor 6RN 200L 22kW D230V 50Hz IM1041

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			
230	D	50	22	30	76,8	978	214,8	IE3	92,0	92,7	92,5	0,78	0,74	0,64	5,60	2,32	2,62
400	Y				44,4												
265	D	60	22,4	30,03	66,9	1178	181,6	IE3	93,6	94,2	94,0	0,78	0,73	0,63	6,59	2,59	2,71
460	Y				38,6												

Motor type	6RN200L06E35
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	200L
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	22 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. B
Temperature rise winding	60 K
Temperature rise surface	32 K
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Degree of protection	IP55
Mounting type	IM1041
Cooling method	IC411
Motor weight - approx.	230 kg
Gross weight - approx.	237 kg
Motor inertia	0,3200 kgm ²
Vibration level	according IEC60034-14
Noise level (pressure) acc 60034-9	57 dB(A)

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

Type of grease	Unirex N3
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Country of origin	CZ
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Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 230V 50Hz	232%	559%	200%	262%	32,3 A
@ D 265V 60Hz	259%	657%	190%	271%	30,1 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



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