

PRODUCT INFORMATION PACKET



Model No: 6RN132S02E40U243041

Catalog No: 6RN132S02E40U24@3041

5.50 kW General Purpose Low Voltage IEC Motor IE4, 3 phase, 3000 rpm, D230/Y400V 50Hz,
132S Frame B5, IC411

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Nameplate Specifications

Technical Specifications

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Datasheet

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Model No. 2-Pole cage motor 6RN 132S 5,5kW D230V 50Hz IM3041-FF265

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]
230	D	50	5,5	7 1/3	18,2	2959	17,7	IE4	91,1	0,84	9,80	2,08	4,61
400	Y				10,5								

Motor type	6RN132S02E40
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132S
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	5,5 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. B (80K)
Temperature rise winding	41 K
Temperature rise surface	
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Rotor type	Cage motor
Bearing type	6308-2Z/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	208%	978%	240%	461%	8,77 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.

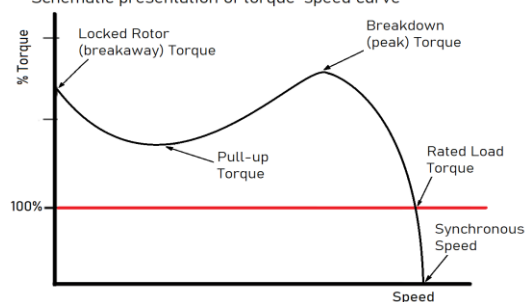
Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30

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Degree of protection	IP55
Mounting type	IM3041-FF265
Cooling method	IC411
Motor weight - approx.	62 kg
Gross weight - approx.	64 kg
Motor inertia	0,0240 kgm ²
Vibration level	according IEC60034-14

Direction of rotation	cw / ccw
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Schematic presentation of torque-speed curve



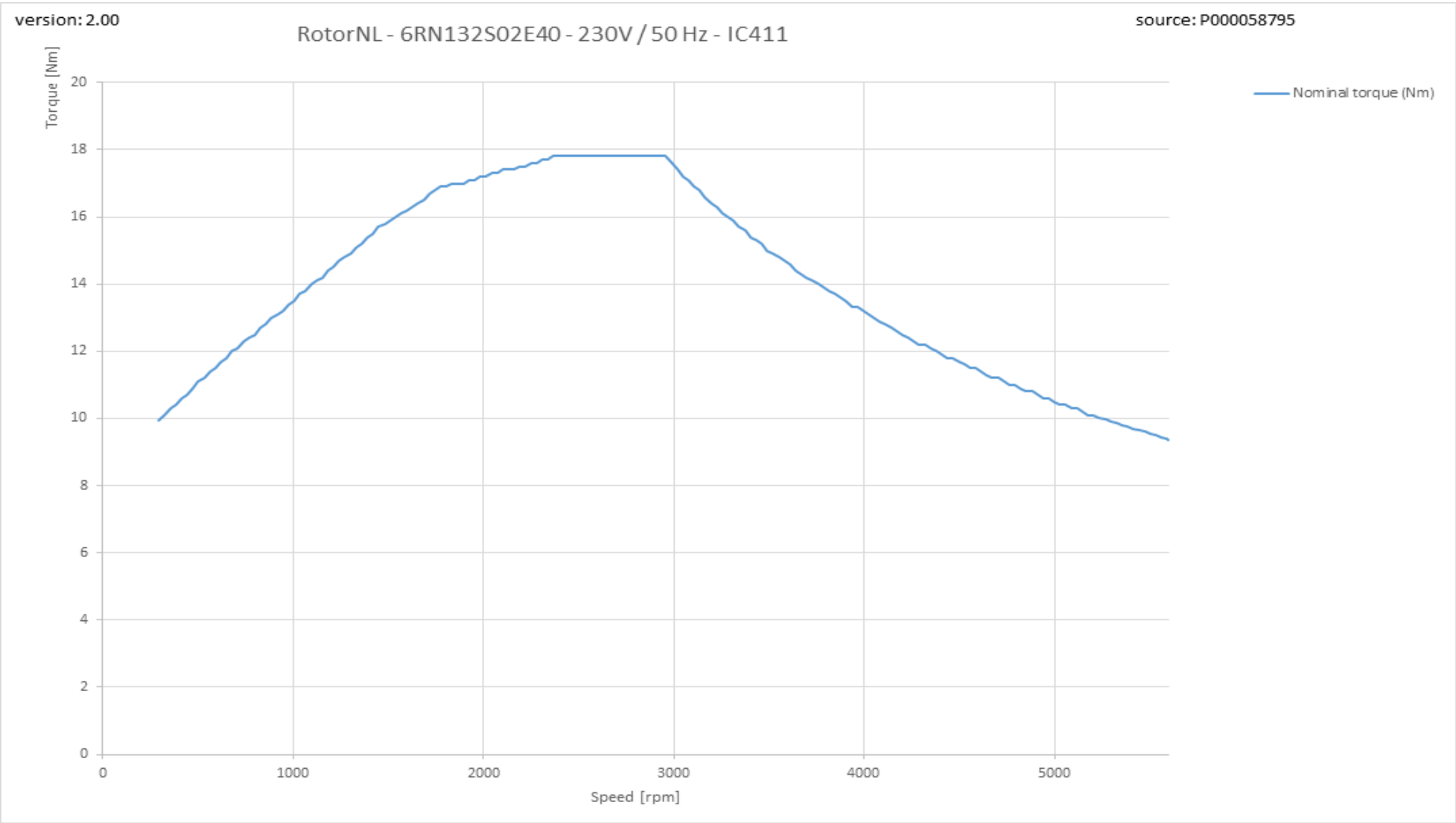
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6RN132S02E40 2-pole 5,5kW D/Y 230/400V 50Hz S1 IC411 IE4

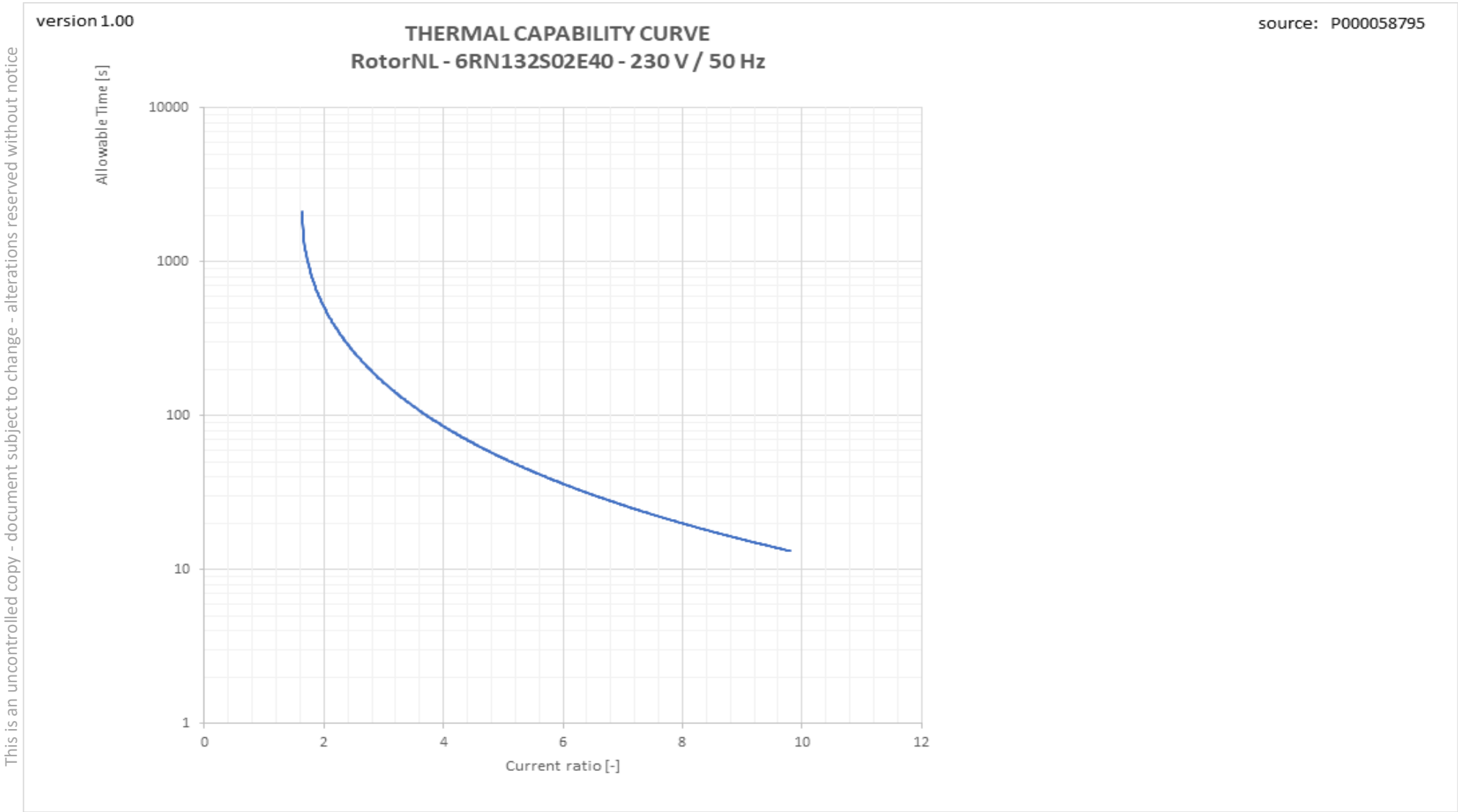


Torque versus Speed curve with variable frequency drive



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Therm_VSD graph



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