

# PRODUCT INFORMATION PACKET



Model No: 6RN132S02E41U243041

Catalog No: 6RN132S02E41U24@3041

7.50 kW General Purpose Low Voltage IEC Motor IE4, 3 phase, 3000 rpm, D230/Y400V 50Hz,  
1322 Frame B5, IC411

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## Nameplate Specifications

## Technical Specifications

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Model No. 2-Pole cage motor 6RN 1322 7,5kW 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 <sub>A</sub> /I <sub>N</sub> [pu]	T <sub>A</sub> /T <sub>N</sub> [pu]	T <sub>K</sub> /T <sub>N</sub> [pu]
230	D	50	7,5	10	22,5	2958	24,2	IE4	92,1	0,91	10,00	2,18	4,24
400	Y				13								

Motor type	6RN132S02E41
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	1322
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	7,5 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	218%	1008%	220%	424%	7,06 A

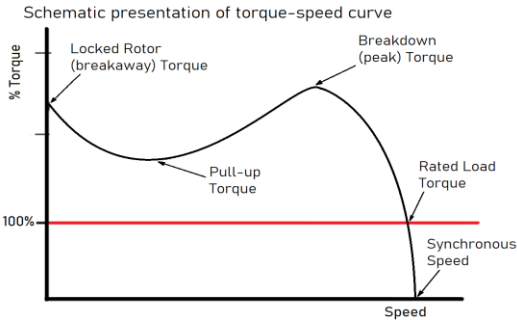
NOTE

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	IM3041-FF265
Cooling method	IC411
Motor weight - approx.	74 kg
Gross weight - approx.	76 kg
Motor inertia	0,0390 kgm²
Vibration level	according IEC60034-14

Direction of rotation	cw / ccw
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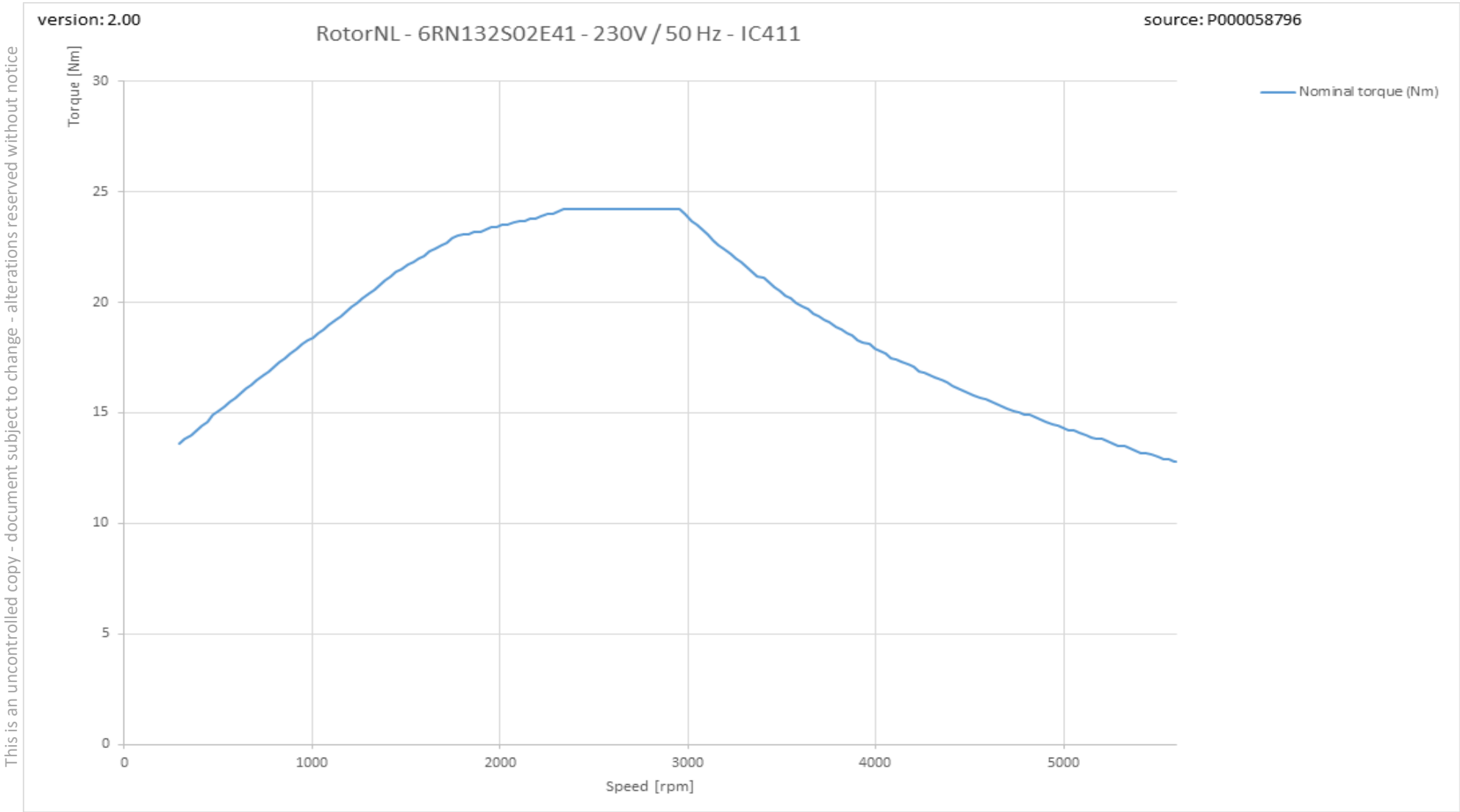


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6RN132S02E41 2-pole 7,50kW D/Y 230/400V 50Hz S1 IC411 IE4

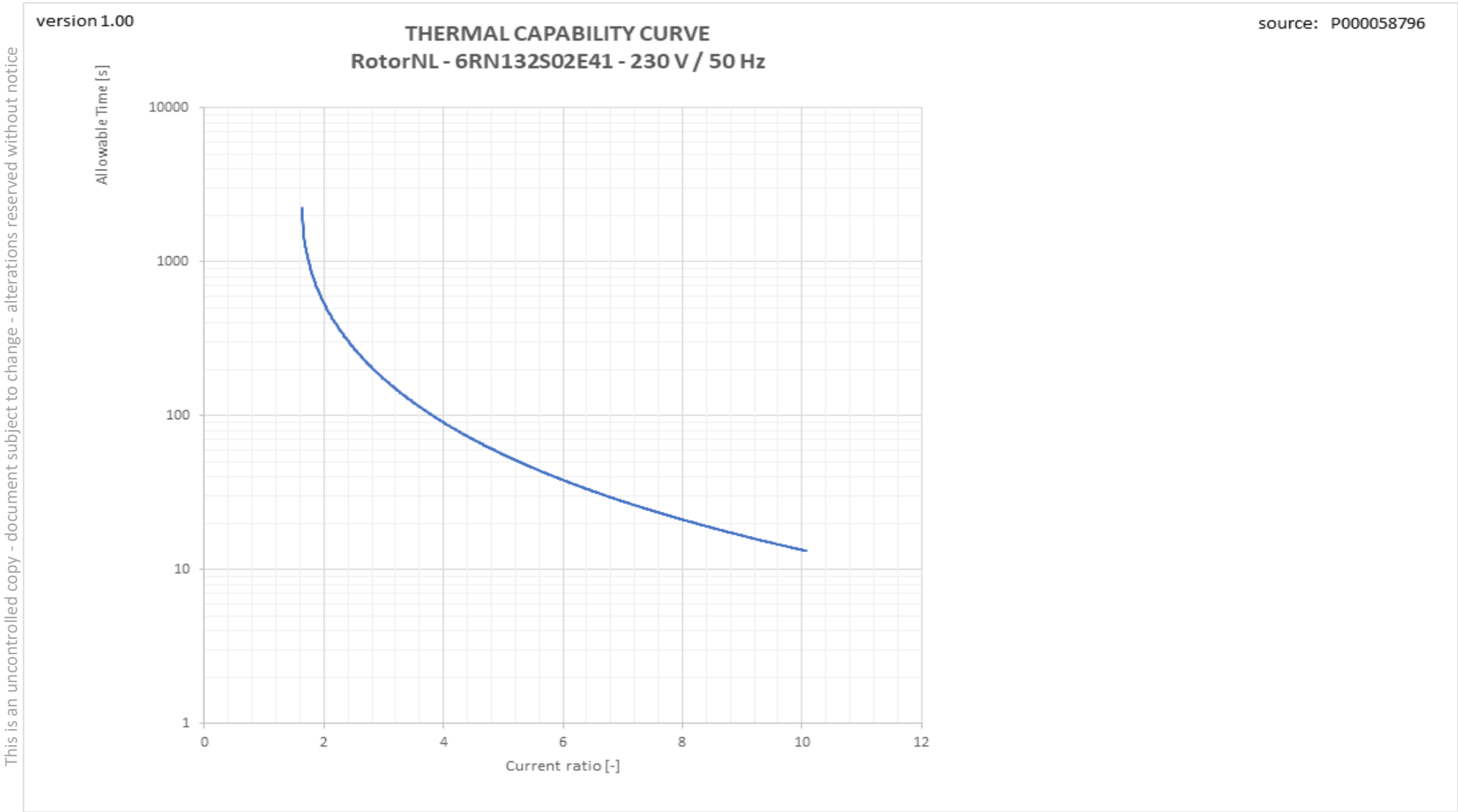


Torque versus Speed curve with variable frequency drive



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Therm\_VSD graph



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