

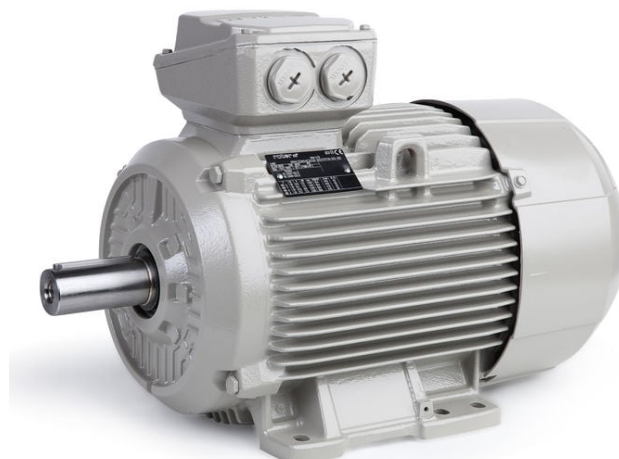
PRODUCT INFORMATION PACKET



Model No: 6RN132M08E32U241081

Catalog No: 6RN132M08E32U24@1081

3.00 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 750 rpm, D230/Y400V 50Hz, 132 Frame B3, IC411



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Nameplate Specifications

Efficiency Class	IE3
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Technical Specifications

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Datasheet

rotor nl®

rotor B.V.

Mors 1-5, 7151 MX Eibergen NL
 www.rotor.nl tel.: +31 545 464640
 sales@rotor.nl tel.: +31 545 464646

Model No. 8-Pole cage motor 6RN 132 3kW D230V 50Hz IM1081

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	3	4	14,8	725	39,5	IE3	83,7	0,61	3,75	1,45	2,02
400	Y				8,6								

Motor type	6RN132M08E32
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	3 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. B (80K)
Temperature rise winding	47 K
Temperature rise surface	27 K
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	145%	375%		202%	9,27 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

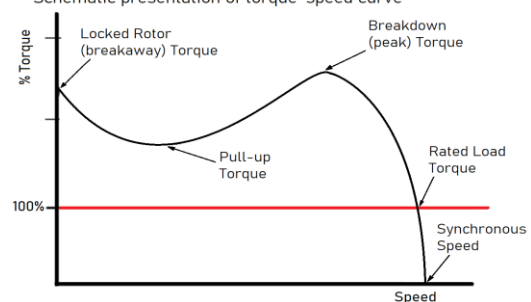
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Degree of protection	IP55
Mounting type	IM1081
Cooling method	IC411
Motor weight - approx.	kg
Gross weight - approx.	kg

Vibration level	according IEC60034-14
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Direction of rotation	cw / ccw
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Schematic presentation of torque-speed curve



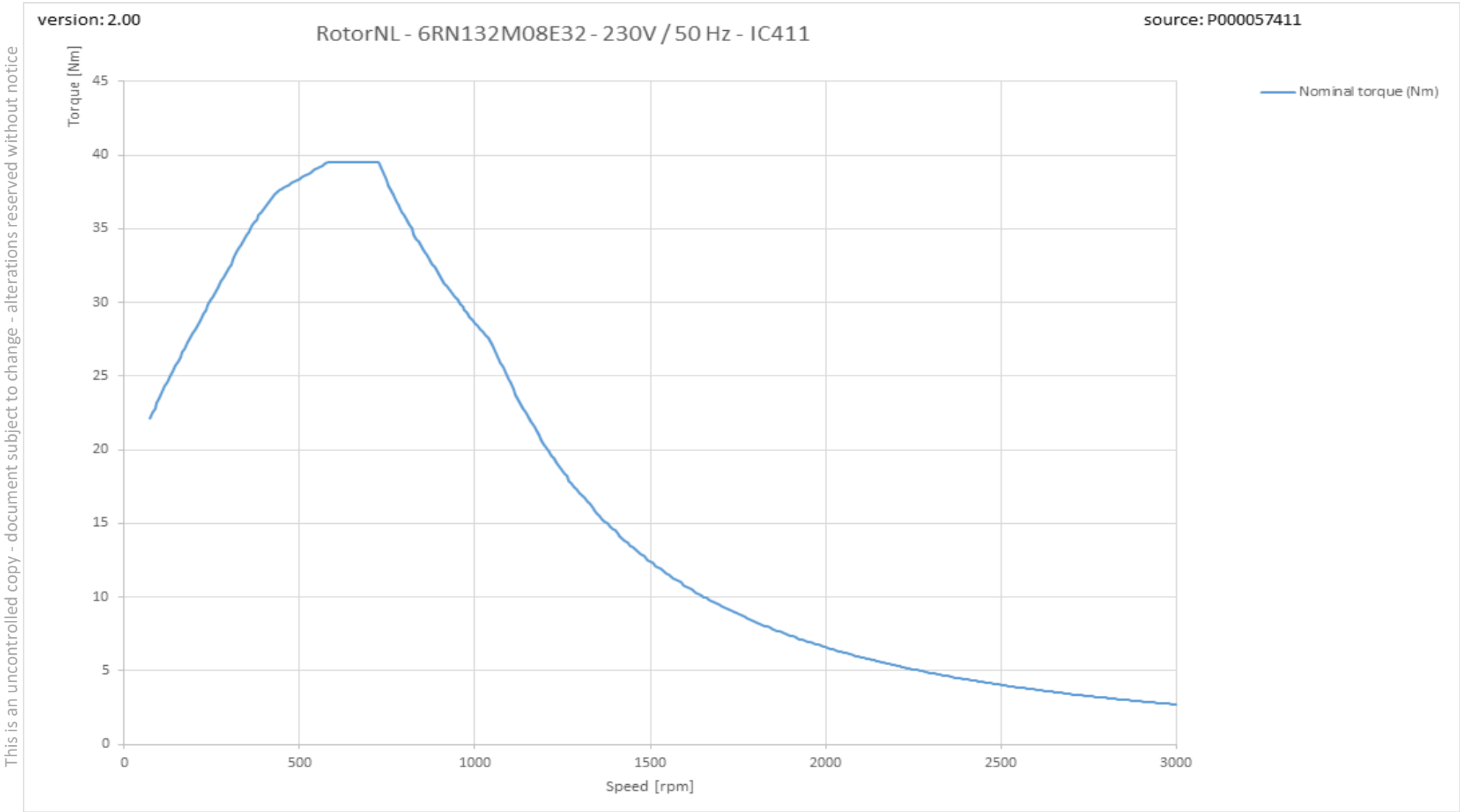
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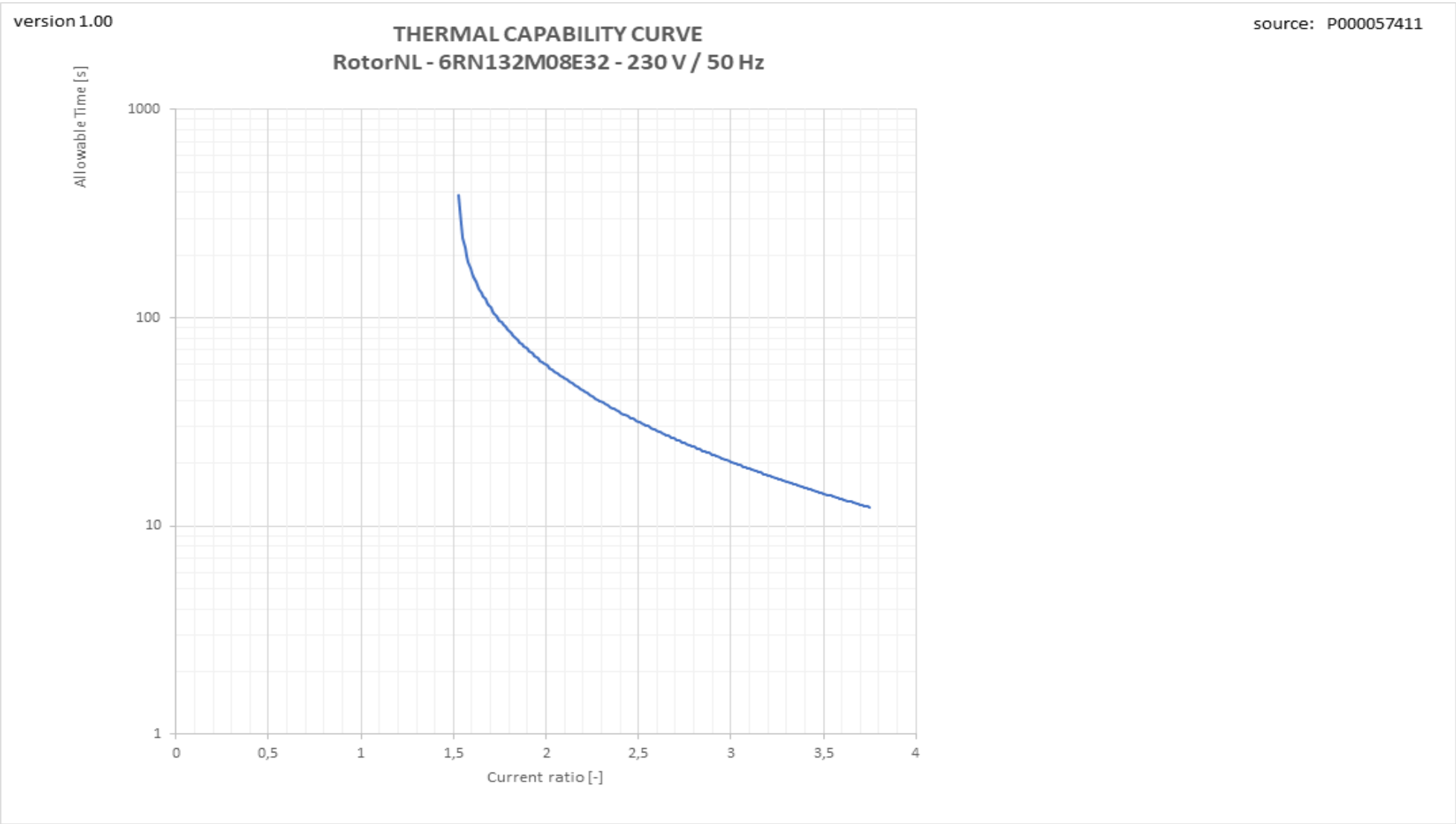
6RN132M08E32 8-pole 3,00kW D/Y 230/400V 50Hz S1 IC411 IE3



Torque versus Speed curve with variable frequency drive



Therm_VSD graph



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