

PRODUCT INFORMATION PACKET



Model No: 6RN100L08E34U24B3641-B

Catalog No: 6RN100L08E34U24B@3641-B

0.75 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 750 rpm, D230/Y400V 50Hz,
100 Frame B14, IC411



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Nameplate Specifications

Technical Specifications

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Model No. 8-Pole cage motor 6RN 100 0,75kW D230V 50Hz IM3641-FT165

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	0,75	1	3,75	710	10,1	IE3	75,0	0,67	3,70	1,50	2,10
400	Y				2,1								

Motor type	6RN100L08E34
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	100
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	0,75 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. B (80K)
Temperature rise surface	
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Rotor type	Cage motor
Bearing type	6306-2Z/C3WT

Type of grease	Unirex N3
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Country of origin	CZ
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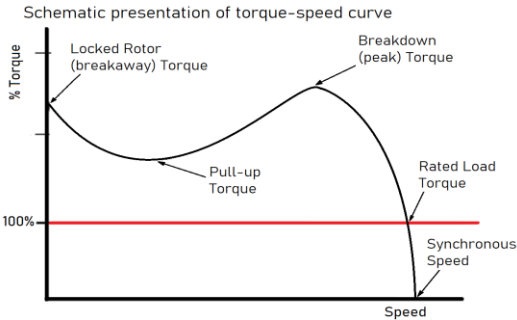
Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 230V 50Hz	150%	370%		210%	

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	IM3641-FT165
Cooling method	IC411
Motor weight - approx.	32 kg
Gross weight - approx.	33 kg

Vibration level	according IEC60034-14
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Direction of rotation	cw /ccw
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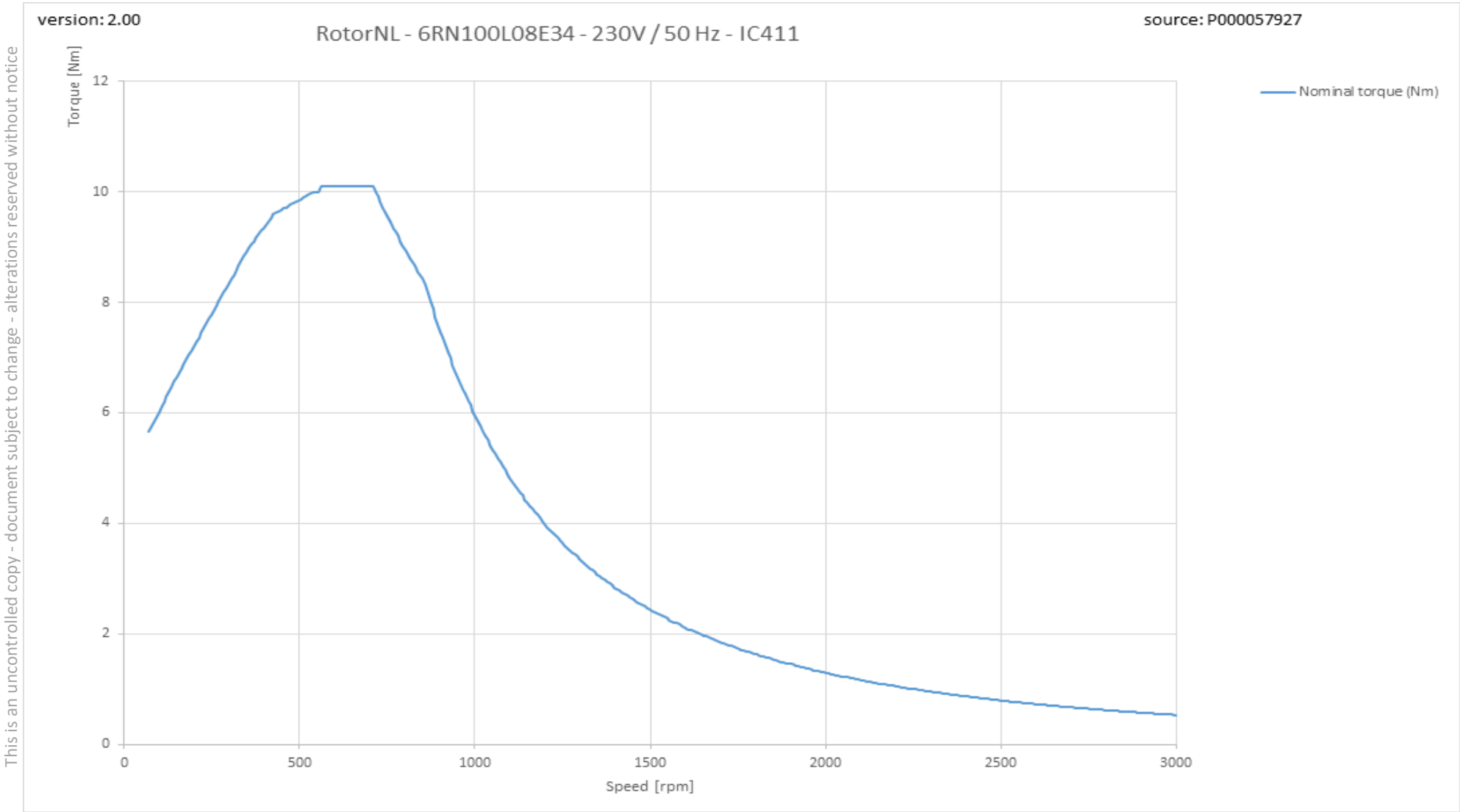


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6RN100L08E34 8-pole 0,75kW D/Y 230/400V 50Hz S1 IC411 IE3



Torque versus Speed curve with variable frequency drive



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