

PRODUCT INFORMATION PACKET



Model No: 6RN100L04E44U46B2181-B

Catalog No: 6RN100L04E44U46B@2181-B

2.20 kW General Purpose Low Voltage IEC Motor IE4, 3 phase, 1500 rpm, D400/Y690V 50Hz,
100L Frame B34, IC411

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Nameplate Specifications

Output HP	3.00 Hp	Output KW	2.2 kW
Frequency	50 Hz	Voltage	D400/Y690 V
Current	4.51 A	Speed	1465 rpm
Service Factor	1	Phase	3
Efficiency	89.5 %	Power Factor	0.79
Duty	S1	Insulation Class	F
Frame	100L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6306-2Z/C3WT (-40°C/+160°C)	Opp Drive End Bearing Size	6306-2Z/C3WT (-40°C/+160°C)
UL	No	CSA	Optional
CE	Yes	IP Code	IP55
Number of Speeds	1		

Datasheet

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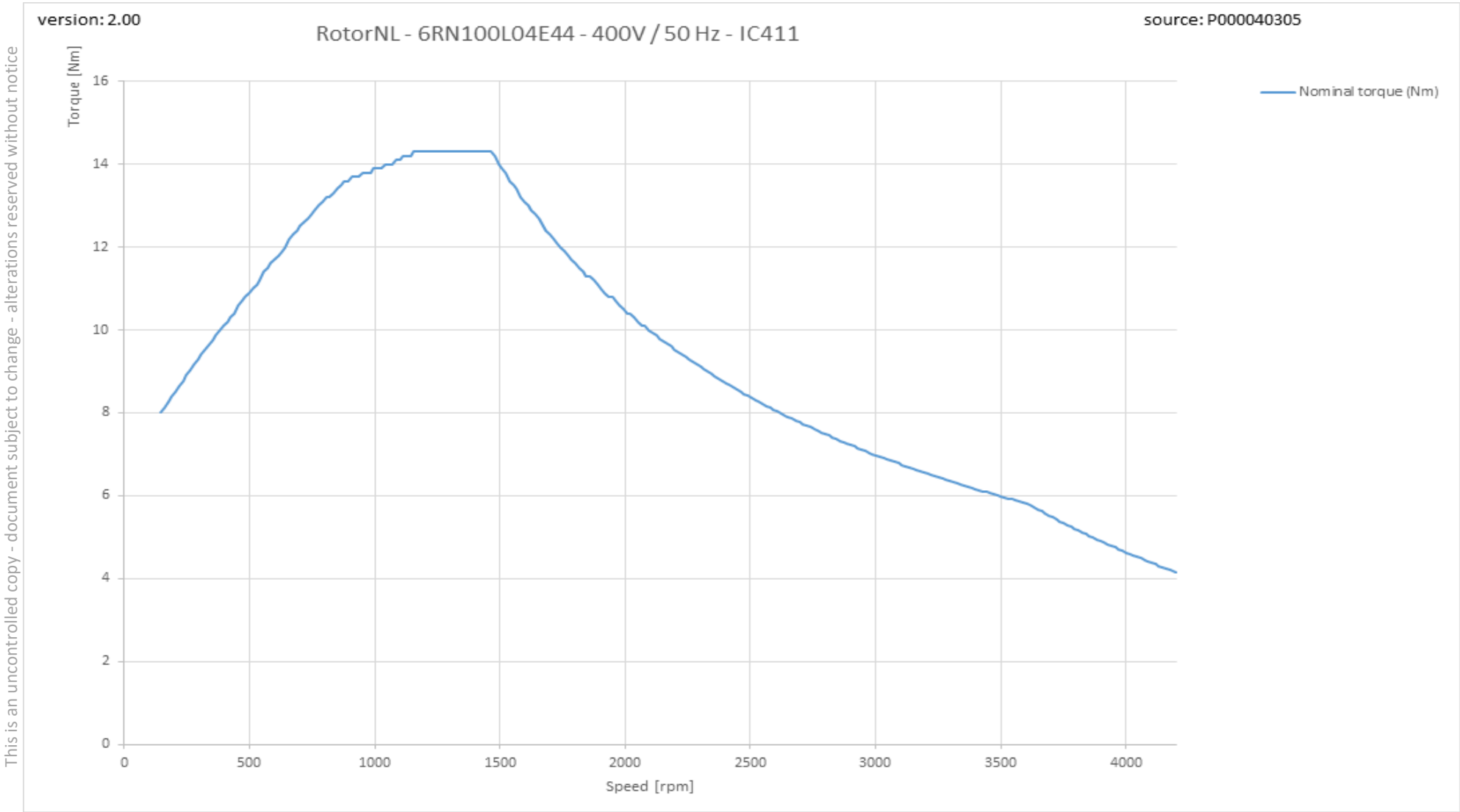
Model No. 4-Pole cage motor 6RN 100L 2,2kW D400V 50Hz IM2181-FT165

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			
400	D	50	2,2	3	4,5	1465	14,3	IE4	89,5	89,6	88,3	0,79	0,73				

6RN100L04E44 4-pole 2,20kW D/Y 400/690V 50Hz S1 IC411 IE4

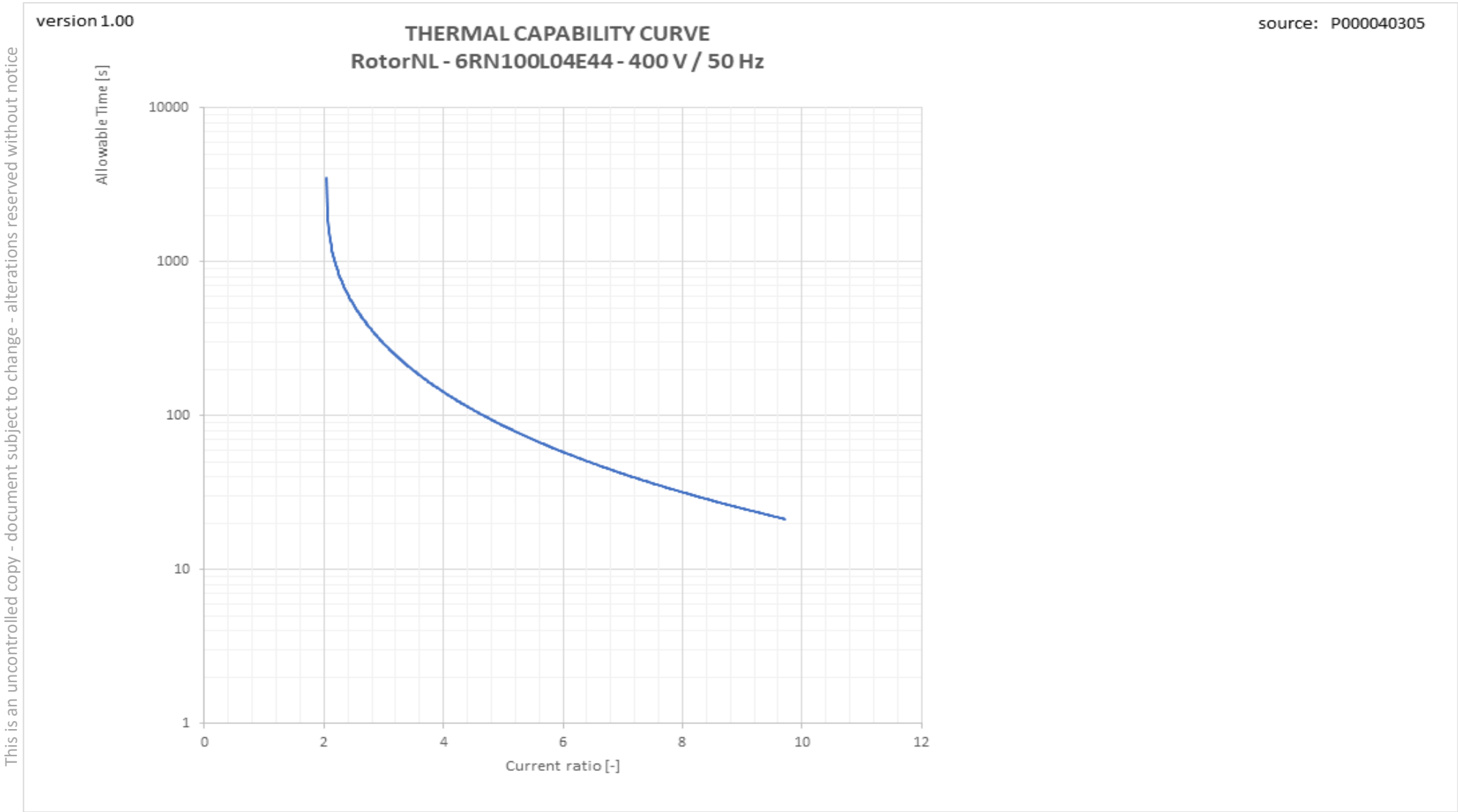


Torque versus Speed curve with variable frequency drive



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Therm_VSD graph



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Tn graph

