

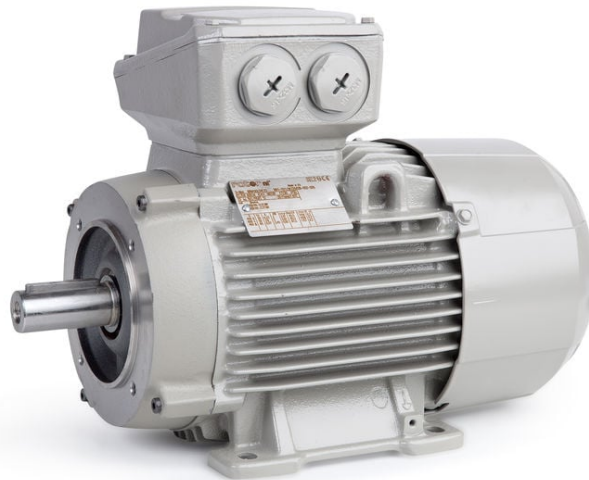
# PRODUCT INFORMATION PACKET

rotor nl®

Model No: 6RN100L04E34U46B2181-B

Catalog No: 6RN100L04E34U46B@2181-B

2.20 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 1500 rpm, D400/Y690V 50Hz,  
100L Frame B34, IC411



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### Nameplate Specifications

Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>50 Hz</b>	Voltage	<b>D400/Y690 V</b>
Current	<b>4.41 A</b>	Speed	<b>1465 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>86.7 %</b>	Power Factor	<b>0.83</b>
Duty	<b>S1</b>	Insulation Class	<b>F</b>
Frame	<b>100L</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>6306-2Z/C3WT (-40°C/+160°C)</b>	Opp Drive End Bearing Size	<b>6306-2Z/C3WT (-40°C/+160°C)</b>
UL	<b>No</b>	CSA	<b>Optional</b>
CE	<b>Yes</b>	IP Code	<b>IP55</b>
Number of Speeds	<b>1</b>	Efficiency Class	<b>IE3</b>

### Technical Specifications

Electrical Type	<b>Squirrel Cage</b>	Starting Method	<b>Direct On Line</b>
Poles	<b>4</b>	Rotation	<b>Clockwise Shaft End</b>
Mounting	<b>B34</b>	Motor Orientation	<b>Any</b>
Frame Material	<b>Cast iron</b>	Shaft Type	<b>Keyed</b>
Shaft Diameter	<b>28 mm</b>	Shaft Extension	<b>60 mm</b>
Outline Drawing	<b>6RN100L04E34U46B2181-B</b>		

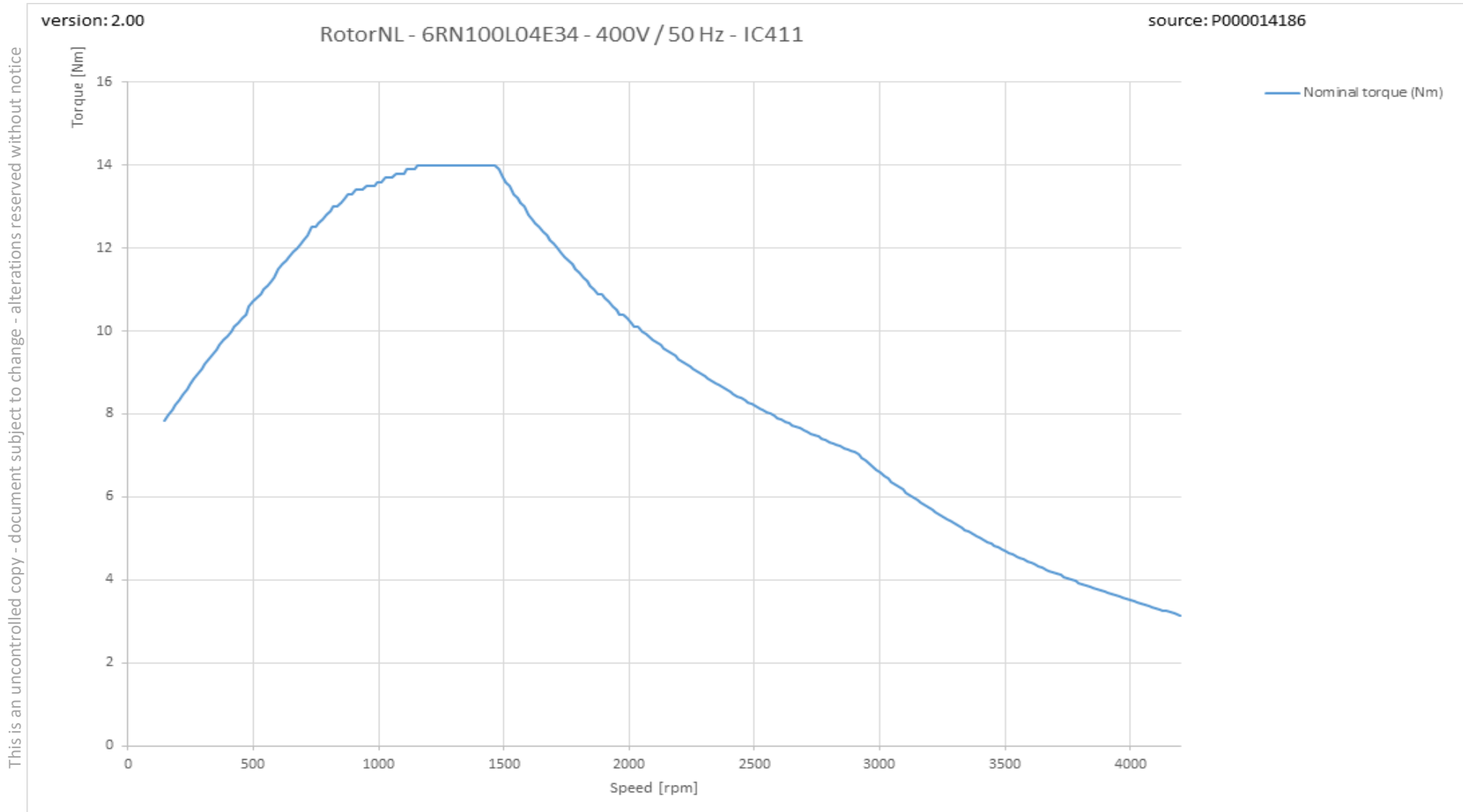
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6RN100L04E34 4-pole 2,20kW D/Y 400/690V 50Hz S1 IC411 IE3



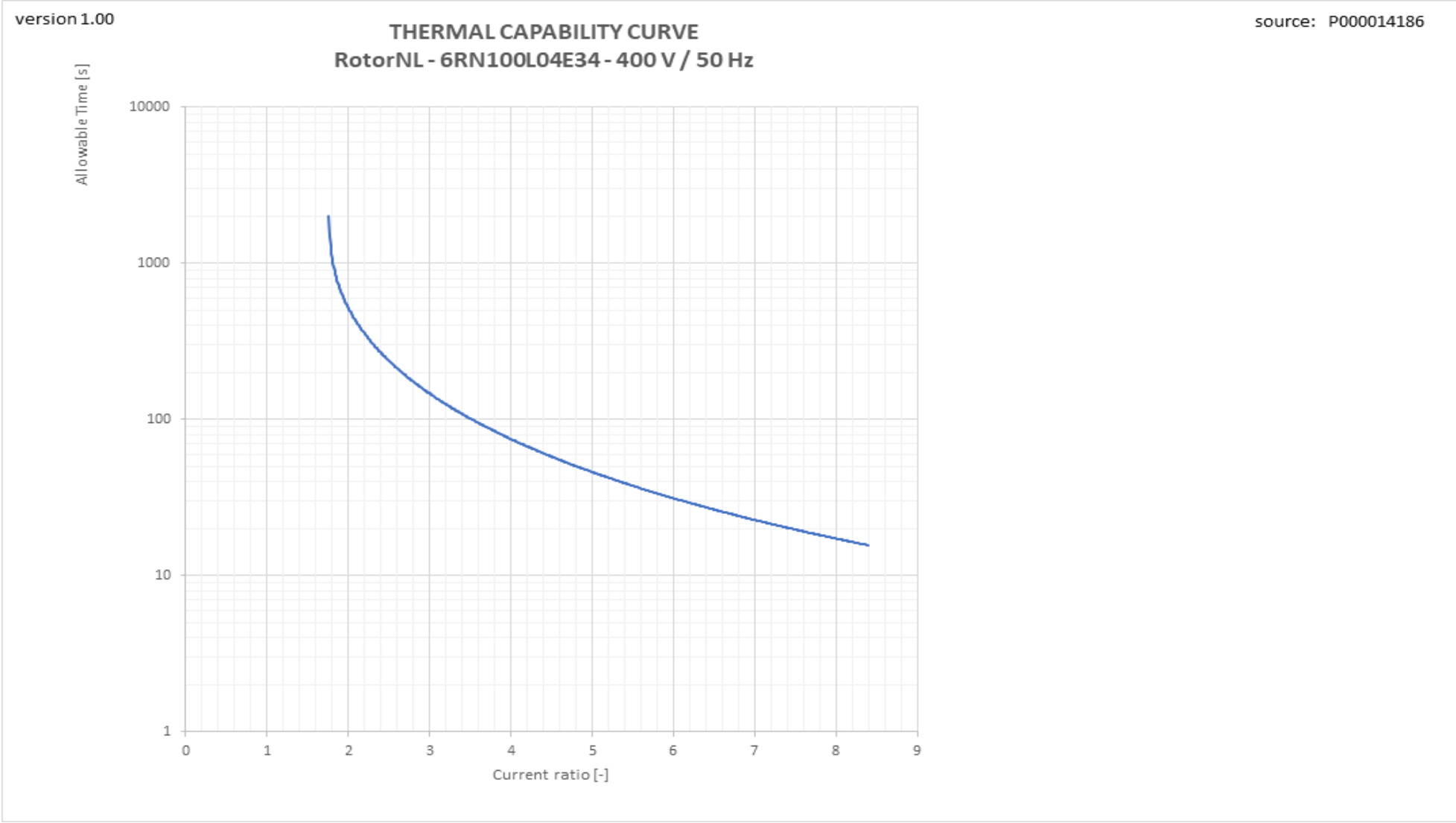
Torque versus Speed curve with variable frequency drive



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Therm\_VSD graph

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Tn graph

