

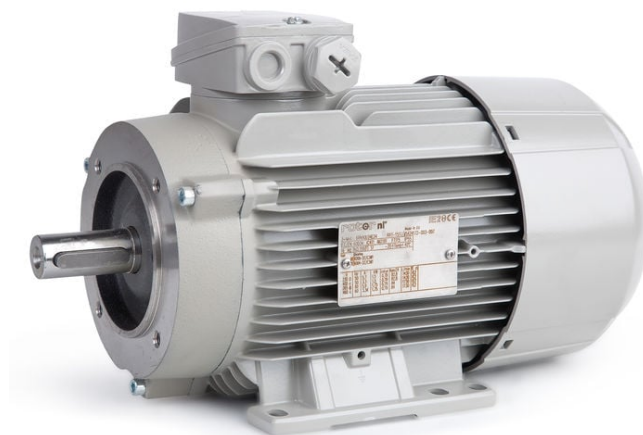
PRODUCT INFORMATION PACKET



Model No: 6RN90L04E34U46B2181-B

Catalog No: 6RN90L04E34U46B@2181-B

1.50 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 1500 rpm, D400/Y690V 50Hz,
90L Frame B34, IC411



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Nameplate Specifications

Output HP	2.00 Hp	Output KW	1.5 kW
Frequency	50 Hz	Voltage	D400/Y690 V
Current	3.24 A	Speed	1445 rpm
Service Factor	1	Phase	3
Efficiency	85.3 %	Power Factor	0.79
Duty	S1	Insulation Class	F
Frame	90L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6205-2Z/C3WT (-40°C/+160°C)	Opp Drive End Bearing Size	6004-2Z/C3WT (-40°C/+160°C)
UL	No	CSA	Optional
CE	Yes	IP Code	IP55
Number of Speeds	1	Efficiency Class	IE3

Technical Specifications

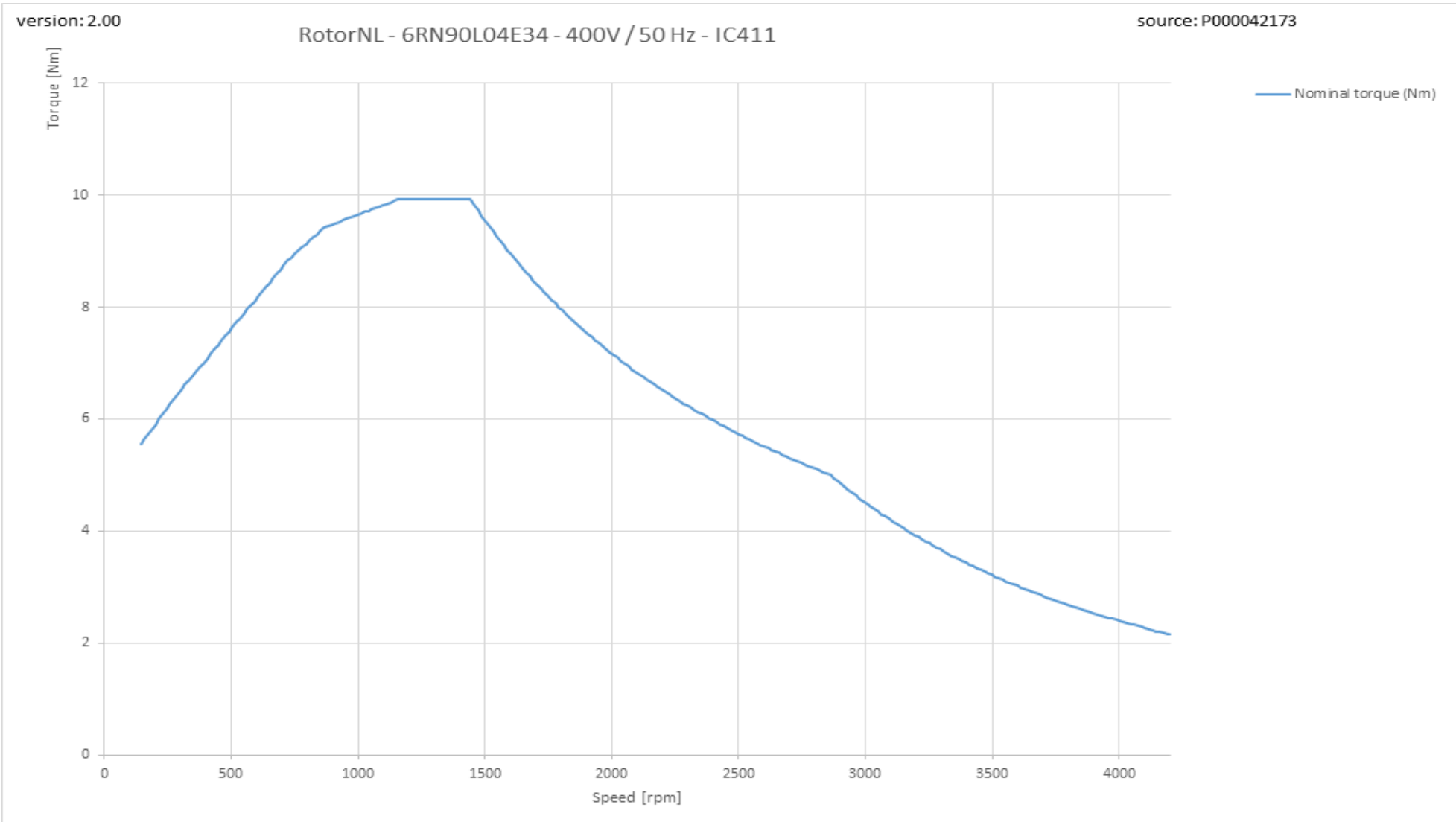
Electrical Type	Squirrel Cage	Starting Method	Direct On Line
Poles	4	Rotation	Clockwise Shaft End
Mounting	B34	Motor Orientation	Any
Frame Material	Cast iron	Shaft Type	Keyed
Shaft Diameter	24 mm	Shaft Extension	50 mm
Outline Drawing	6RN90L04E34_2141-B		

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6RN90L04E34 4-pole 1,50kW D/Y 400/690V 50Hz S1 IC411 IE3

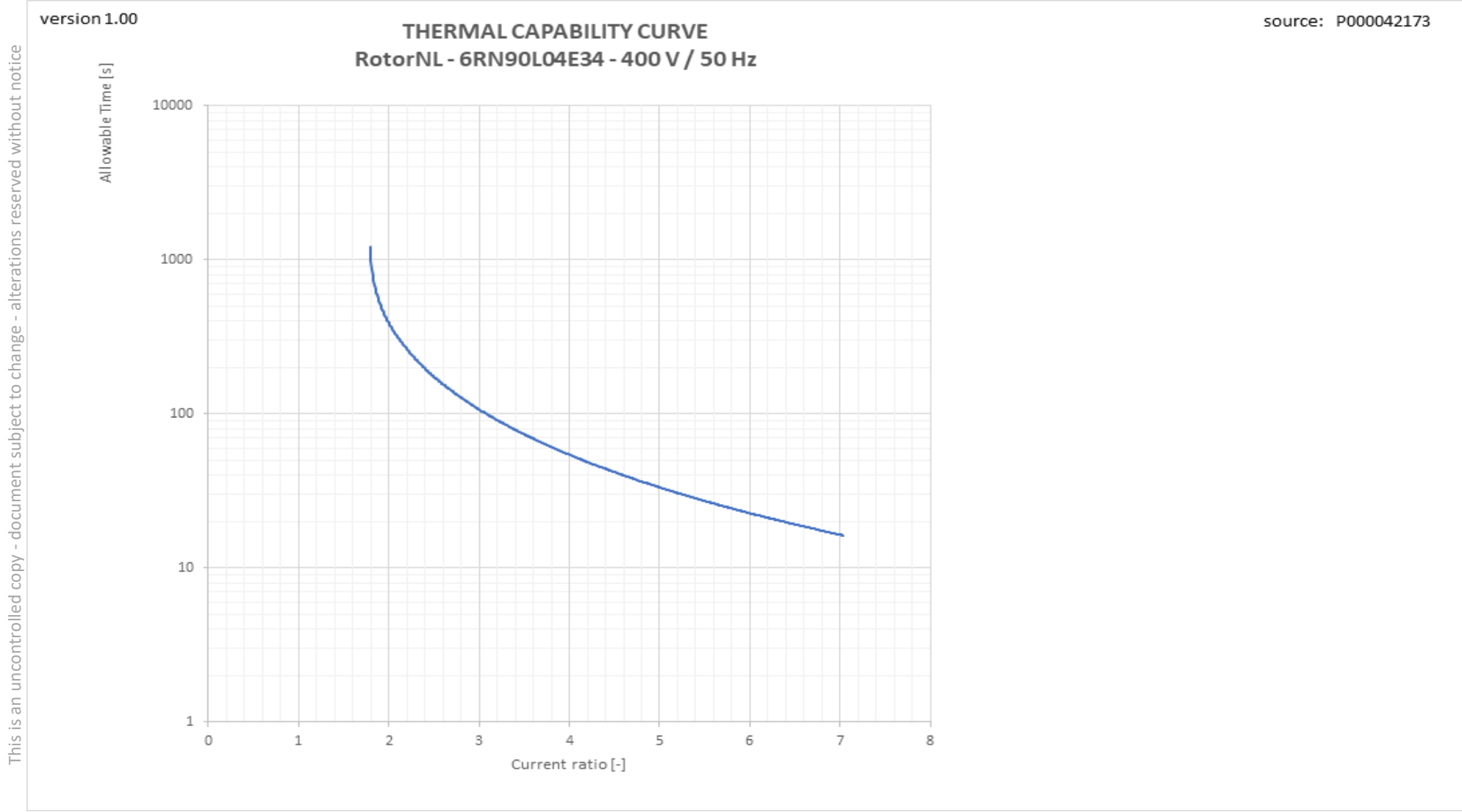


Torque versus Speed curve with variable frequency drive



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Therm_VSD graph



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Tn graph

