

# PRODUCT INFORMATION PACKET

rotor nl®

Model No: 6RN90L06E34U24B3641-B

Catalog No: 6RN90L06E34U24B@3641-B

1.10 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 1000 rpm, D230/Y400V 50Hz,  
90L Frame B14, IC411



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### Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	50 Hz	Voltage	D230/Y400 V
Current	4.95 A	Speed	945 rpm
Service Factor	1	Phase	3
Efficiency	81 %	Power Factor	0.69
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	6	Rotation	Clockwise Shaft End
Mounting	B14	Motor Orientation	Any
Frame Material	Cast iron	Shaft Type	Keyed
Shaft Diameter	24 mm	Shaft Extension	50 mm
Outline Drawing	6RN90L06E34_3641-B		

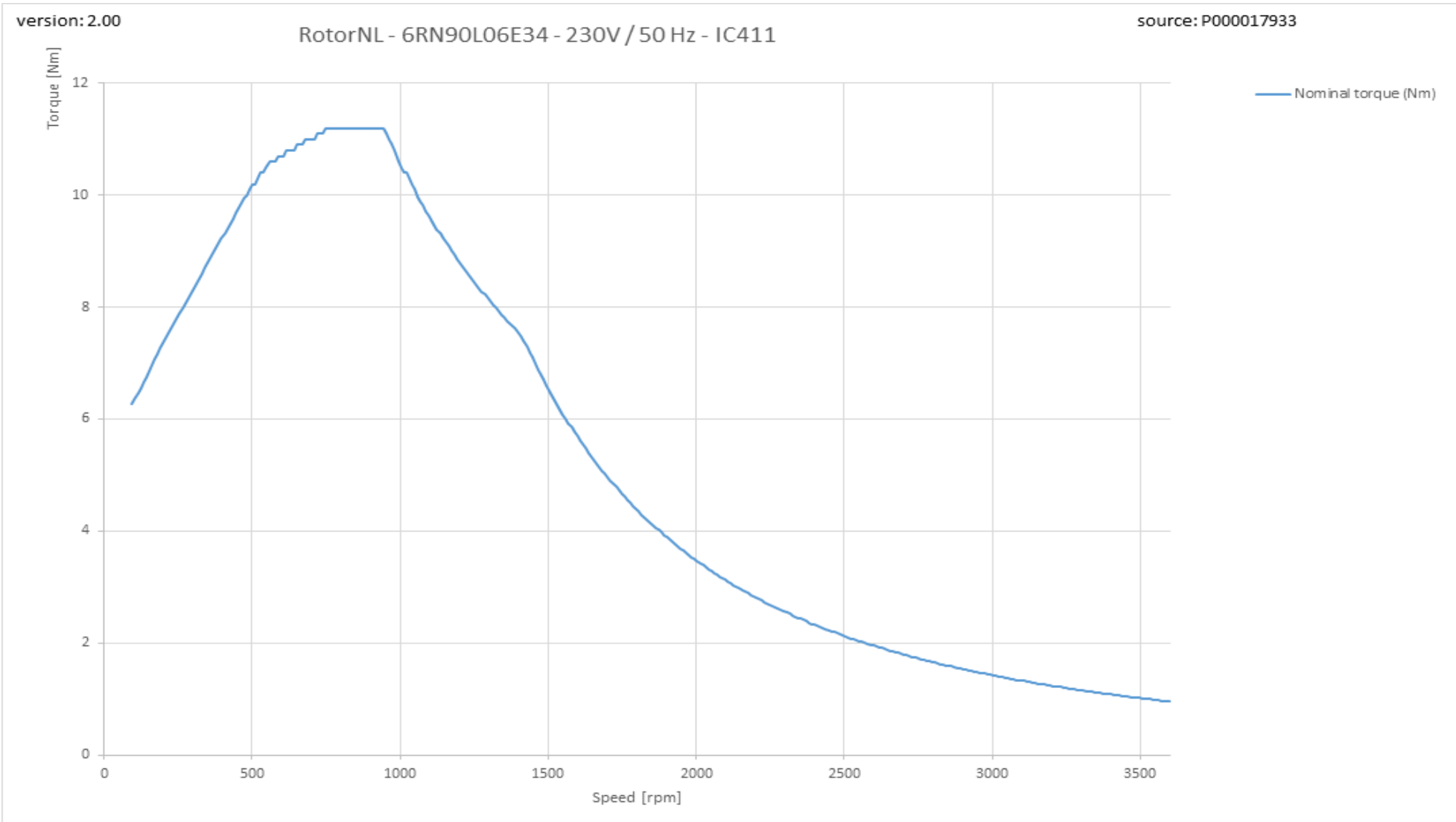
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6RN90L06E34 6-pole 1,10kW D/Y 230/400V 50Hz S1 IC411 IE3

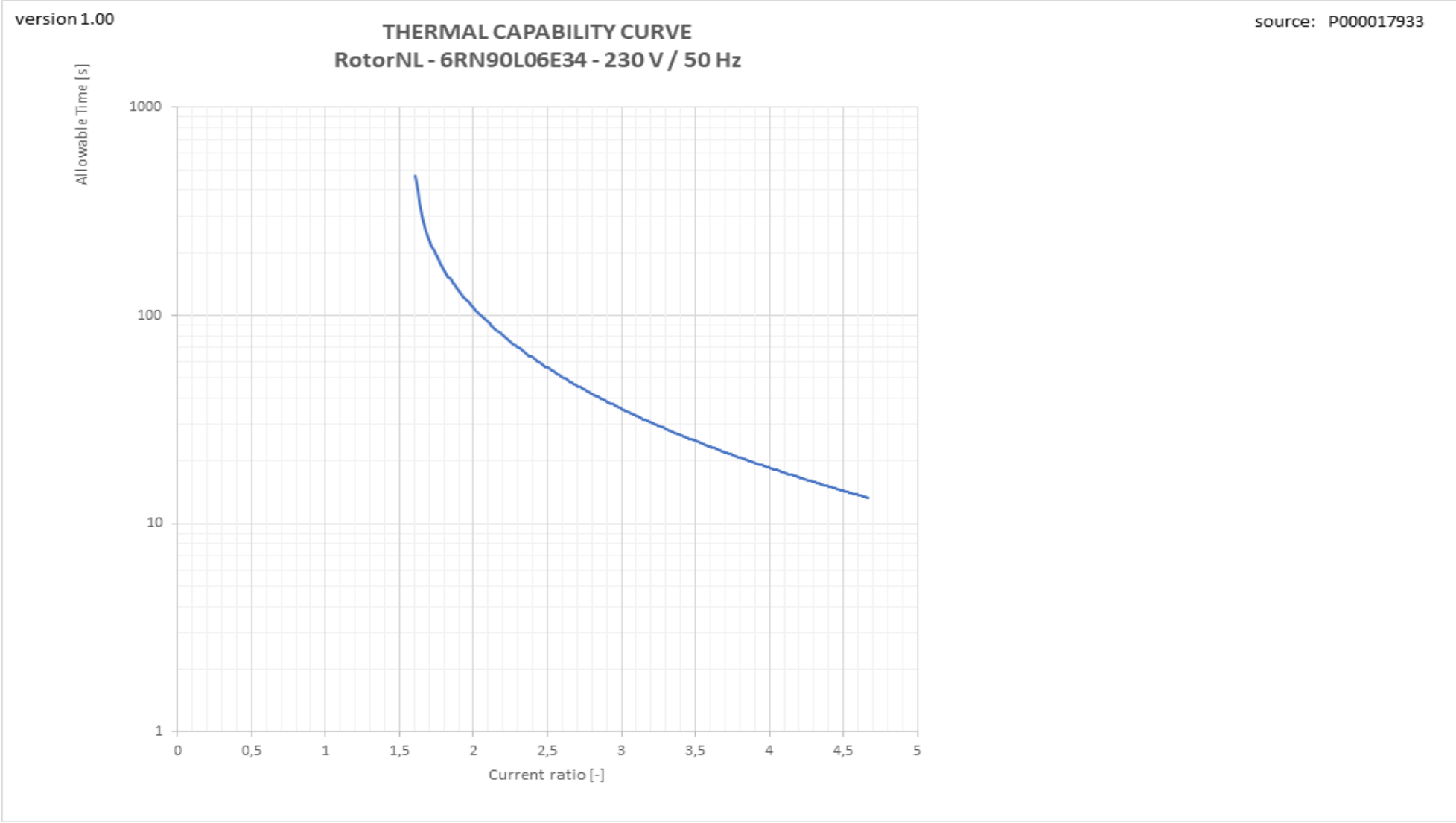


Torque versus Speed curve with variable frequency drive



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Therm\_VSD graph



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Tn graph

