

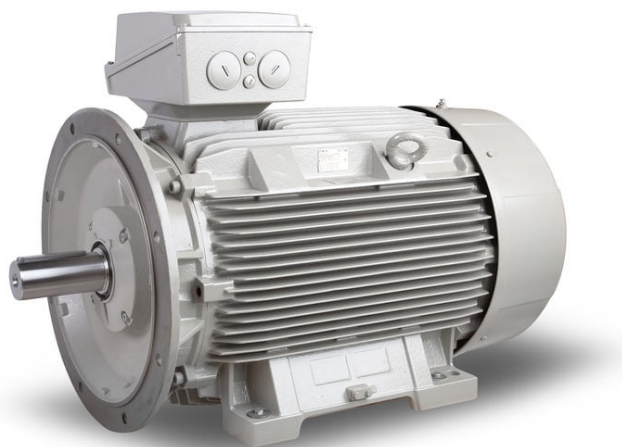
# PRODUCT INFORMATION PACKET

rotor nl<sup>®</sup>

Model No: 6RN225S08E30U463021

Catalog No: 6RN225S08E30U46@3021

18.50 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 750 rpm, D400/Y690V 50Hz,  
225S Frame B5, IC411



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**Nameplate Specifications**

Output HP	<b>25.00 Hp</b>	Output KW	<b>18.5 kW</b>
Frequency	<b>50 Hz</b>	Voltage	<b>D400/Y690 V</b>
Current	<b>39.50 A</b>	Speed	<b>732 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>90.1 %</b>	Power Factor	<b>0.75</b>
Duty	<b>S1</b>	Insulation Class	<b>F</b>
Frame	<b>225S</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>6313/C3</b>	Opp Drive End Bearing Size	<b>6313/C3</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>8</b>	Rotation	<b>Clockwise Shaft End</b>
Mounting	<b>B5</b>	Motor Orientation	<b>Any</b>
Frame Material	<b>Cast iron</b>	Shaft Type	<b>Keyed</b>

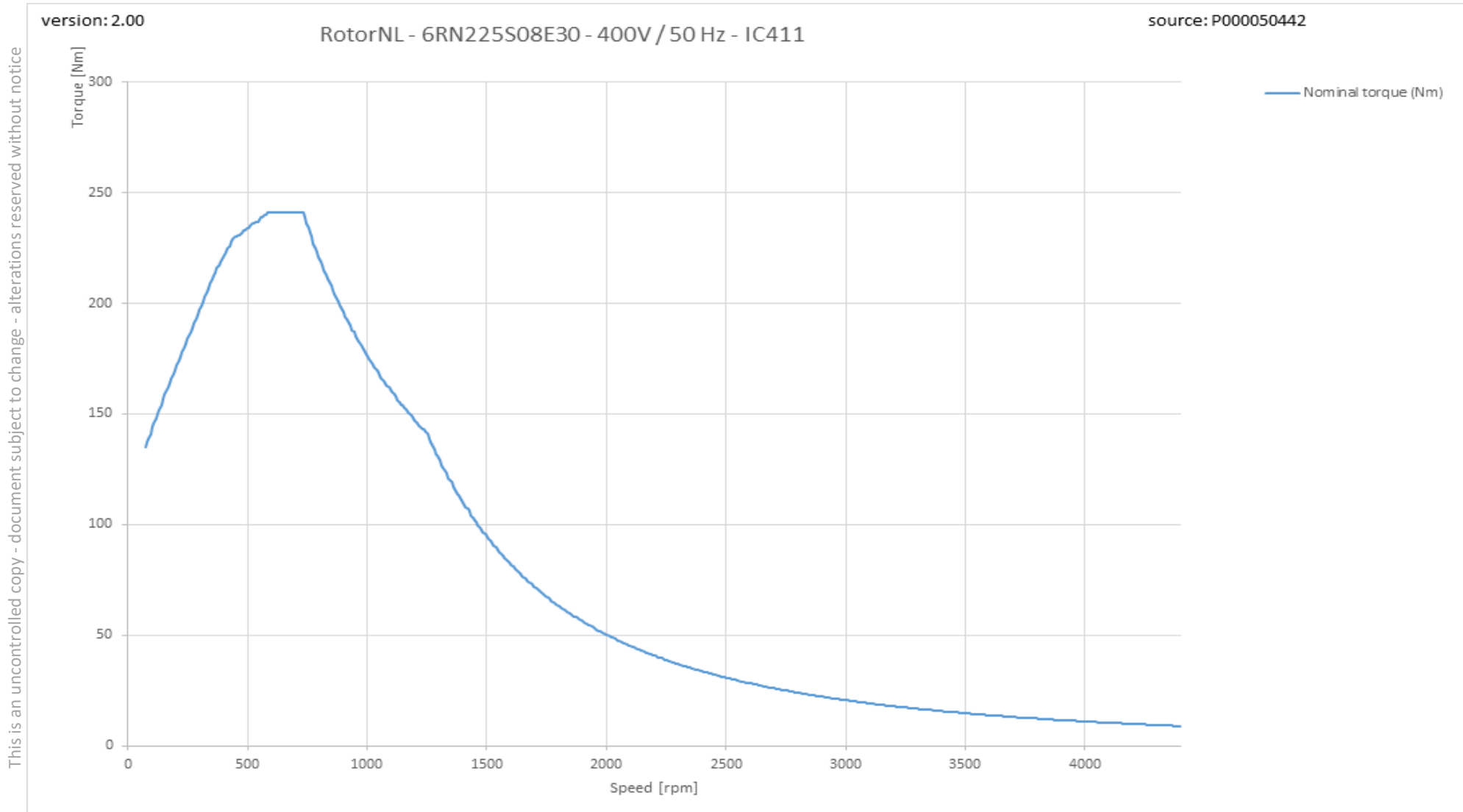
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6RN225S08E30 8-pole 18,50kW D/Y 400/690V 50Hz S1 IC411 IE3



Torque versus Speed curve with variable frequency drive



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