

# PRODUCT INFORMATION PACKET



Model No: 6RN132S02E41U46B3641-A

Catalog No: 6RN132S02E41U46B@3641-A

7.50 kW General Purpose Low Voltage IEC Motor IE4, 3 phase, 3000 rpm, D400/Y690V 50Hz,  
1322 Frame B14, IC411

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### Nameplate Specifications

|                        |                             |                            |                             |
|------------------------|-----------------------------|----------------------------|-----------------------------|
| Output HP              | 10.00 Hp                    | Output KW                  | 7.5 kW                      |
| Frequency              | 50 Hz                       | Voltage                    | D400/Y690 V                 |
| Current                | 12.95 A                     | Speed                      | 2955 rpm                    |
| Service Factor         | 1                           | Phase                      | 3                           |
| Efficiency             | 92.1 %                      | Power Factor               | 0.91                        |
| Duty                   | S1                          | Insulation Class           | F                           |
| Frame                  | 1322                        | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | No Protection               | Ambient Temperature        | 40 °C                       |
| Drive End Bearing Size | 6308-2Z/C3WT (-40°C/+160°C) | Opp Drive End Bearing Size | 6308-2Z/C3WT (-40°C/+160°C) |
| UL                     | No                          | CSA                        | Optional                    |
| CE                     | Yes                         | IP Code                    | IP55                        |
| Number of Speeds       | 1                           | Efficiency Class           | IE4                         |

### Technical Specifications

|                 |                     |                   |                     |
|-----------------|---------------------|-------------------|---------------------|
| Electrical Type | Squirrel Cage       | Starting Method   | Direct On Line      |
| Poles           | 2                   | Rotation          | Clockwise Shaft End |
| Mounting        | B14                 | Motor Orientation | Any                 |
| Frame Material  | Cast iron           | Shaft Type        | Keyed               |
| Outline Drawing | 6RN132S02E41_3641-A |                   |                     |

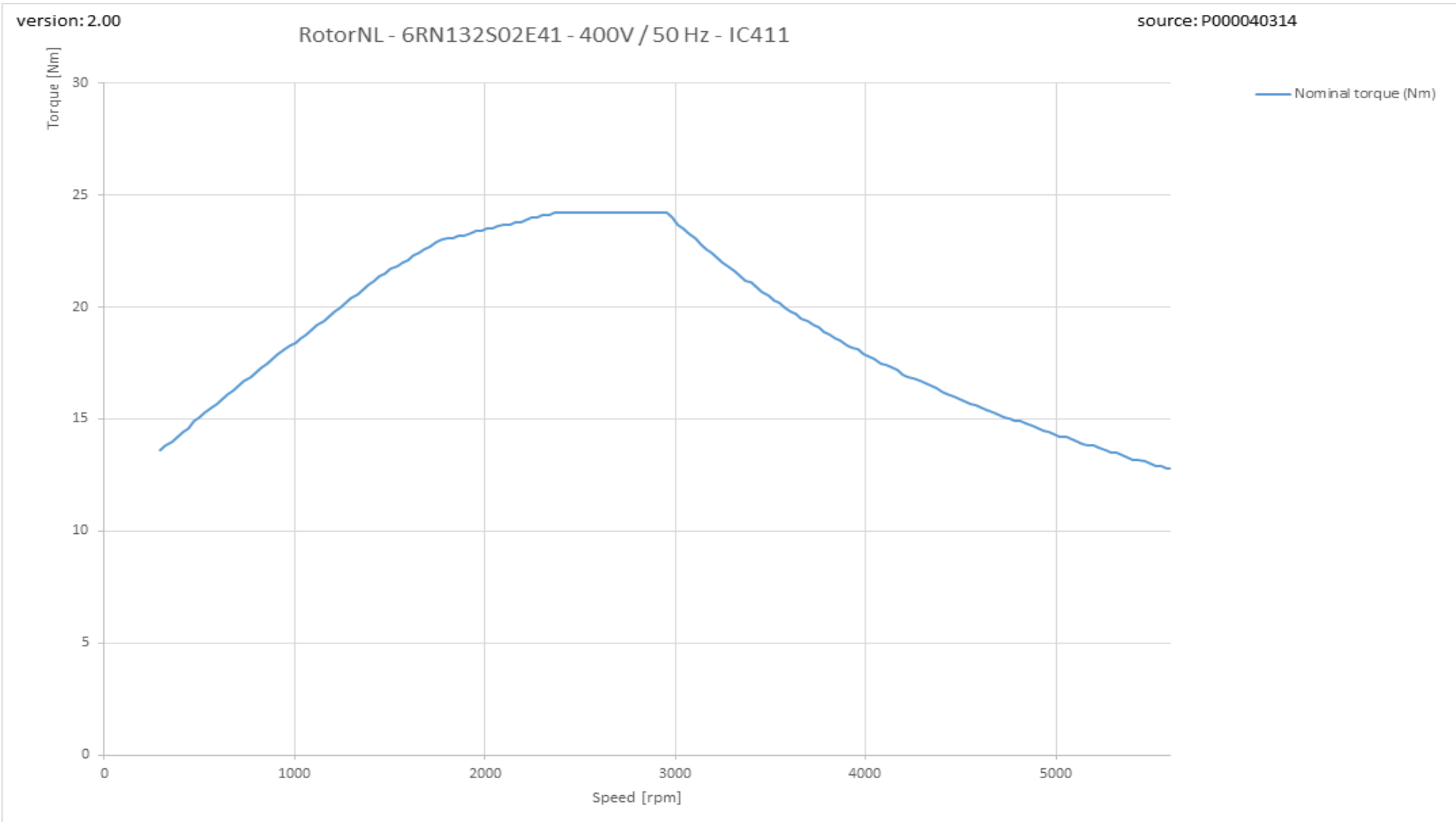
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6RN132S02E41 2-pole 7,50kW D/Y 400/690V 50Hz S1 IC411 IE4



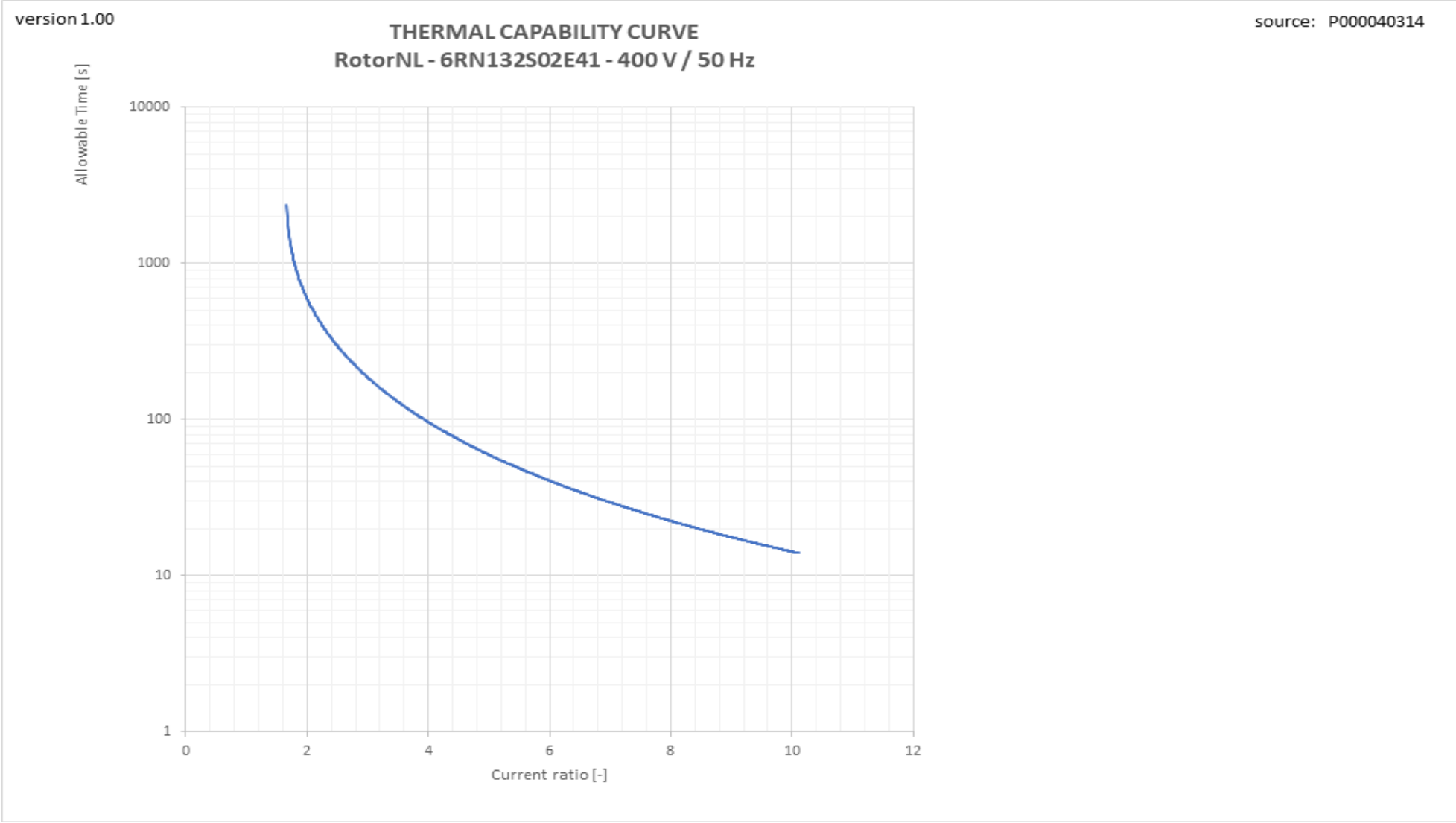
Torque versus Speed curve with variable frequency drive



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Therm\_VSD graph

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Tn graph

