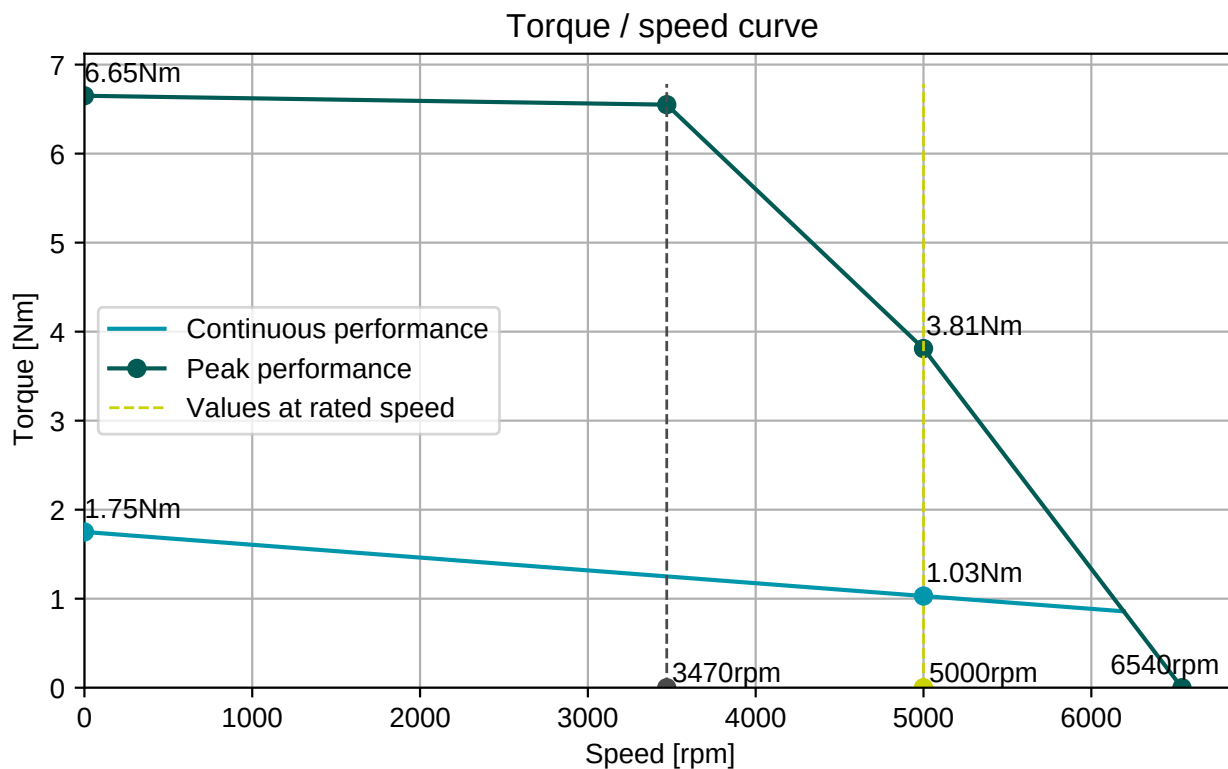


| Engineering data (WIN 1621)          |                              | Mechanical data (setting 48)                                                                           |                        |
|--------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                       | 320 V DC                     | Max mechanical speed                                                                                   | 12000 rpm              |
| Nominal AC voltage                   | 220 V AC (rms)               | Mech. time constant                                                                                    | 1.38 ms                |
| Rated voltage                        | 167 V AC (rms)               | Thermal time constant                                                                                  | 28 min                 |
| Rated power                          | 539 W                        | Rotor inertia                                                                                          | 0.68 kgcm <sup>2</sup> |
| Rated speed                          | 5000 rpm                     | Protection                                                                                             | IP64                   |
| Rated torque                         | 1.03 Nm                      | Color                                                                                                  | RAL 9005               |
| Rated current                        | 2.24 A (rms)                 | Cooling                                                                                                | Convection             |
| Peak torque                          | 6.65 Nm                      | Motor-only mass                                                                                        | 1.9 kg                 |
| Peak current                         | 14 A (rms)                   | Max. axial force 20kh                                                                                  | 47 N                   |
| Stall torque                         | 1.75 Nm                      | Max. radial force 20kh                                                                                 | 247 N*                 |
| Stall current                        | 3.16 A (rms)                 | Max. axial force 100kh                                                                                 | 27 N                   |
| No load speed                        | 6540 rpm                     | Max. radial force 100kh                                                                                | 145 N*                 |
| EMF constant ±10%                    | 33.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                                 |                        |
| Theoretical torque constant ±10%     | 0.554 Nm / A<br>(rms)        |                                                                                                        |                        |
| Torque constant ±10%<br>@ rated load | 0.460 Nm / A<br>(rms)        | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback EKM36 (HDSL) multi-turn,<br>18+12 bits, SIL2 |                        |
| Number of poles                      | 10                           |                                                                                                        |                        |
| Electrical time constant             | 1.43 ms                      |                                                                                                        |                        |
| Winding terminal resistance          | 3.607 Ω                      |                                                                                                        |                        |
| Rotary field terminal inductance     | 5.17 mH                      |                                                                                                        |                        |
| Customs info                         |                              |                                                                                                        |                        |
| HS Code                              | 85015100                     |                                                                                                        |                        |


**EGA201N00000800000**

M15, 9 poles, rotary


**Connector 1 (304)**

|           |          |
|-----------|----------|
| <b>A</b>  | U        |
| <b>B</b>  | V        |
| <b>C</b>  | W        |
| <b>PE</b> | PE       |
| <b>1</b>  | Brake+   |
| <b>2</b>  | Brake-   |
| <b>3</b>  | +Us/DSL+ |
| <b>4</b>  | GND/DSL- |

