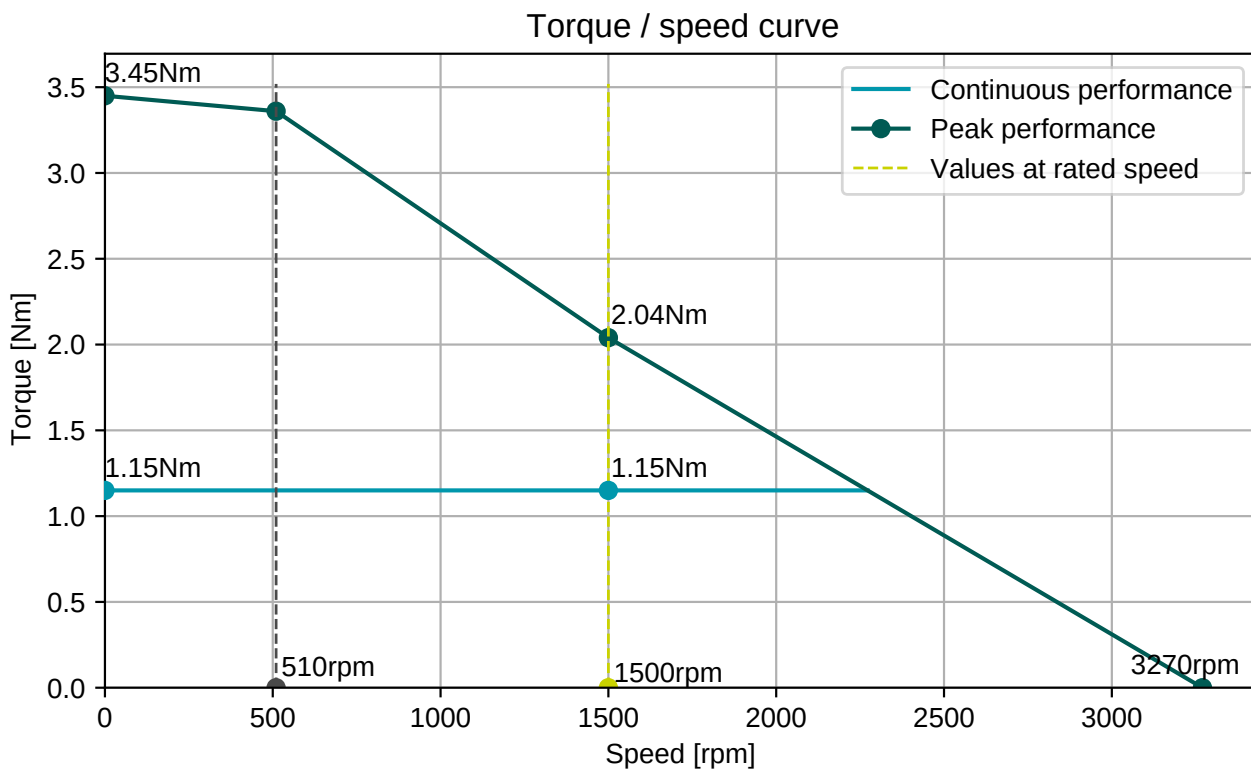


| Engineering data (WIN 778)           |                             | Mechanical data (setting 48)                                                                      |                        |
|--------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                       | 36 V DC                     | Max mechanical speed                                                                              | 12000 rpm              |
| Nominal AC voltage                   | 23 V AC (rms)               | Mech. time constant                                                                               | 1.40 ms                |
| Rated voltage                        | 16 V AC (rms)               | Thermal time constant                                                                             | 21 min                 |
| Rated power                          | 181 W                       | Rotor inertia                                                                                     | 0.31 kgcm <sup>2</sup> |
| Rated speed                          | 1500 rpm                    | Protection                                                                                        | IP64                   |
| Rated torque                         | 1.15 Nm                     | Color                                                                                             | RAL 9005               |
| Rated current                        | 11.25 A (rms)               | Cooling                                                                                           | Convection             |
| Peak torque                          | 3.45 Nm                     | Motor-only mass                                                                                   | 1.5 kg                 |
| Peak current                         | 44.2 A (rms)                | Max. axial force 20kh                                                                             | 68 N                   |
| Stall torque                         | 1.15 Nm                     | Max. radial force 20kh                                                                            | 357 N*                 |
| Stall current                        | 10 A (rms)                  | Max. axial force 100kh                                                                            | 40 N                   |
| No load speed                        | 3270 rpm                    | Max. radial force 100kh                                                                           | 209 N*                 |
| EMF constant ±10%                    | 6.9 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                            |                        |
| Theoretical torque constant ±10%     | 0.11 Nm / A<br>(rms)        |                                                                                                   |                        |
| Torque constant ±10%<br>@ rated load | 0.10 Nm / A<br>(rms)        | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback EKS36 (HDSL) single-turn, 18 bits, SIL2 |                        |
| Number of poles                      | 10                          |                                                                                                   |                        |
| Electrical time constant             | 2.21 ms                     |                                                                                                   |                        |
| Winding terminal resistance          | 0.34 Ω                      |                                                                                                   |                        |
| Rotary field terminal inductance     | 0.75 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- |

