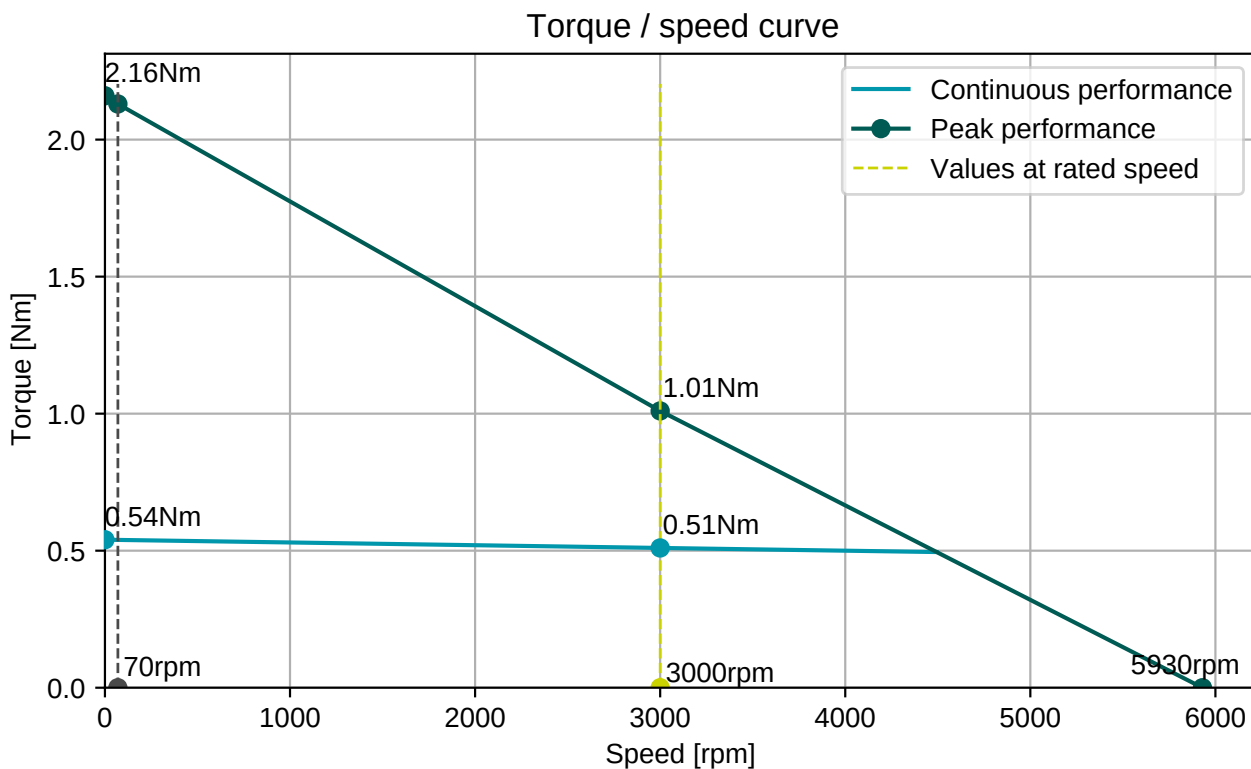


| Engineering data (WIN 978)           |                             | Mechanical data (setting 48)                           |                                          |
|--------------------------------------|-----------------------------|--------------------------------------------------------|------------------------------------------|
| DC bus voltage                       | 48 V DC                     | Max mechanical speed                                   | 12000 rpm                                |
| Nominal AC voltage                   | 33 V AC (rms)               | Mech. time constant                                    | 1.45 ms                                  |
| Rated voltage                        | 25 V AC (rms)               | Thermal time constant                                  | 12 min                                   |
| Rated power                          | 160 W                       | Rotor inertia                                          | 0.07 kgcm <sup>2</sup>                   |
| Rated speed                          | 3000 rpm                    | Protection                                             | IP64                                     |
| Rated torque                         | 0.51 Nm                     | Color                                                  | RAL 9005                                 |
| Rated current                        | 6.01 A (rms)                | Cooling                                                | Convection                               |
| Peak torque                          | 2.16 Nm                     | Motor-only mass                                        | 0.9 kg                                   |
| Peak current                         | 27.5 A (rms)                | Max. axial force 20kh                                  | 48 N                                     |
| Stall torque                         | 0.54 Nm                     | Max. radial force 20kh                                 | 254 N*                                   |
| Stall current                        | 6 A (rms)                   | Max. axial force 100kh                                 | 28 N                                     |
| No load speed                        | 5930 rpm                    | Max. radial force 100kh                                | 149 N*                                   |
| EMF constant ±10%                    | 5.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                          |
| Theoretical torque constant ±10%     | 0.09 Nm / A<br>(rms)        | Sensors                                                |                                          |
| Torque constant ±10%<br>@ rated load | 0.08 Nm / A<br>(rms)        | Temperature                                            | PT1000 {PT1000}                          |
| Number of poles                      | 6                           | Feedback                                               | EKM36 (HDSL) multi-turn, 17 +<br>12 bits |
| Electrical time constant             | 1.21 ms                     | Brake                                                  |                                          |
| Winding terminal resistance          | 0.99 Ω                      | Braking torque                                         | 2.00 Nm                                  |
| Rotary field terminal inductance     | 1.2 mH                      | Voltage                                                | 24 V DC                                  |
| Customs info                         |                             | Power @20°C                                            | 11.0 W                                   |
| HS Code                              | 85015100                    | Current @20°C                                          | 0.46 A                                   |
|                                      |                             | Inertia                                                | 0.08 kgcm <sup>2</sup>                   |
|                                      |                             | Mass                                                   | 0.20 kg                                  |


**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- |

