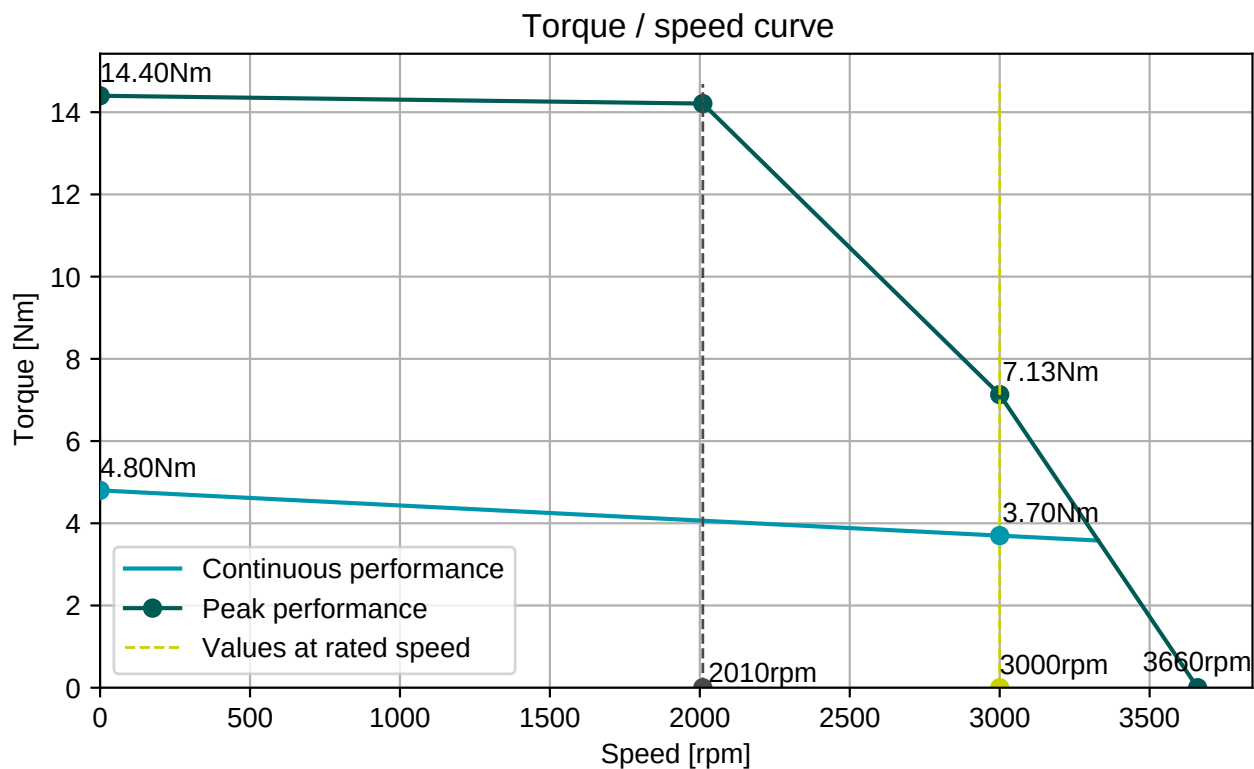


| Engineering data (WIN 807)        |                            | Mechanical data (setting 48)                           |                                       |
|-----------------------------------|----------------------------|--------------------------------------------------------|---------------------------------------|
| DC bus voltage                    | 320 V DC                   | Max mechanical speed                                   | 12000 rpm                             |
| Nominal AC voltage                | 220 V AC (rms)             | Mech. time constant                                    | 0.67 ms                               |
| Rated voltage                     | 180 V AC (rms)             | Thermal time constant                                  | 30 min                                |
| Rated power                       | 1.2 kW                     | Rotor inertia                                          | 1.52 kgcm <sup>2</sup>                |
| Rated speed                       | 3000 rpm                   | Protection                                             | IP64                                  |
| Rated torque                      | 3.70 Nm                    | Color                                                  | RAL 9005                              |
| Rated current                     | 4.46 A (rms)               | Cooling                                                | Convection                            |
| Peak torque                       | 14.4 Nm                    | Motor-only mass                                        | 4.3 kg                                |
| Peak current                      | 17.3 A (rms)               | Max. axial force 20kh                                  | 75 N                                  |
| Stall torque                      | 4.8 Nm                     | Max. radial force 20kh                                 | 393 N*                                |
| Stall current                     | 4.84 A (rms)               | Max. axial force 100kh                                 | 44 N                                  |
| No load speed                     | 3660 rpm                   | Max. radial force 100kh                                | 230 N*                                |
| EMF constant ±10%                 | 60 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                       |
| Theoretical torque constant ±10%  | 0.99 Nm / A<br>(rms)       | Sensors                                                |                                       |
| Torque constant ±10% @ rated load | 0.83 Nm / A<br>(rms)       | Temperature                                            | PT1000 {PT1000}                       |
| Number of poles                   | 10                         | Feedback                                               | EKM36 (HDSL) multi-turn, 17 + 12 bits |
| Electrical time constant          | 3.00 ms                    | Brake                                                  |                                       |
| Winding terminal resistance       | 2.5 Ω                      | Braking torque                                         | 4.50 Nm                               |
| Rotary field terminal inductance  | 7.5 mH                     | Voltage                                                | 24 V DC                               |
| Customs info                      |                            | Power @20°C                                            | 12.0 W                                |
| HS Code                           | 85015220                   | Current @20°C                                          | 0.50 A                                |
|                                   |                            | Inertia                                                | 0.20 kgcm <sup>2</sup>                |
|                                   |                            | Mass                                                   | 0.47 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- |

