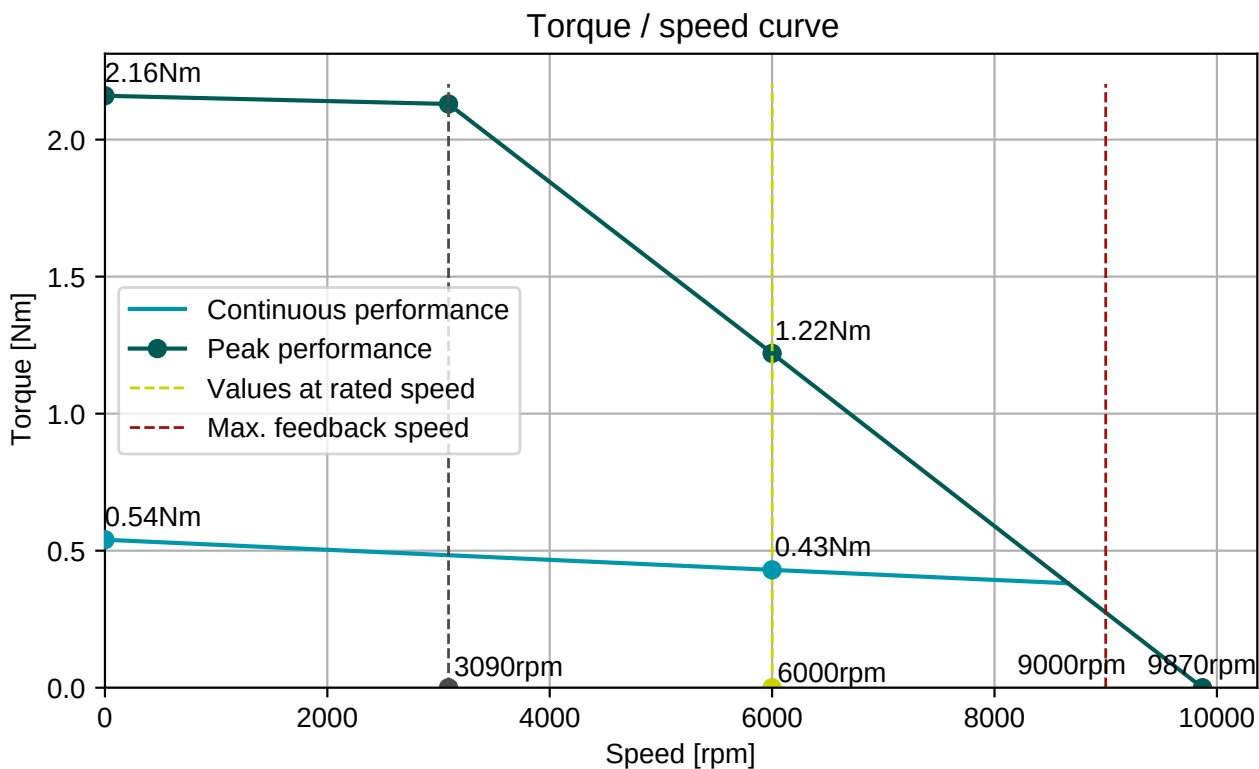
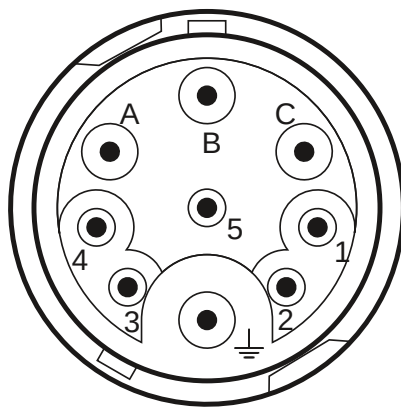


| Engineering data (WIN 750)        |                            | Mechanical data (setting 48)                           |                                        |
|-----------------------------------|----------------------------|--------------------------------------------------------|----------------------------------------|
| DC bus voltage                    | 320 V DC                   | Max mechanical speed                                   | 12000 rpm                              |
| Nominal AC voltage                | 220 V AC (rms)             | Mech. time constant                                    | 1.45 ms                                |
| Rated voltage                     | 161 V AC (rms)             | Thermal time constant                                  | 12 min                                 |
| Rated power                       | 270 W                      | Rotor inertia                                          | 0.07 kgcm <sup>2</sup>                 |
| Rated speed                       | 6000 rpm                   | Protection                                             | IP64                                   |
| Rated torque                      | 0.43 Nm                    | Color                                                  | RAL 9005                               |
| Rated current                     | 1.3 A (rms)                | Cooling                                                | Convection                             |
| Peak torque                       | 2.16 Nm                    | Motor-only mass                                        | 0.9 kg                                 |
| Peak current                      | 6.8 A (rms)                | Max. axial force 20kh                                  | 38 N                                   |
| Stall torque                      | 0.54 Nm                    | Max. radial force 20kh                                 | 202 N*                                 |
| Stall current                     | 1.48 A (rms)               | Max. axial force 100kh                                 | 22 N                                   |
| No load speed                     | 9870 rpm                   | Max. radial force 100kh                                | 118 N*                                 |
| EMF constant ±10%                 | 22 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                        |
| Theoretical torque constant ±10%  | 0.36 Nm / A<br>(rms)       | Sensors                                                |                                        |
| Torque constant ±10% @ rated load | 0.33 Nm / A<br>(rms)       | Temperature                                            | PT1000 {PT1000}                        |
| Number of poles                   | 6                          | Feedback                                               | EDM35 (HDSL) multi-turn,<br>20+12 bits |
| Electrical time constant          | 1.25 ms                    | Brake                                                  |                                        |
| Winding terminal resistance       | 15.82 Ω                    | Braking torque                                         | 2.00 Nm                                |
| Rotary field terminal inductance  | 19.8 mH                    | Voltage                                                | 24 V DC                                |
| <b>Customs info</b>               |                            | 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- |

