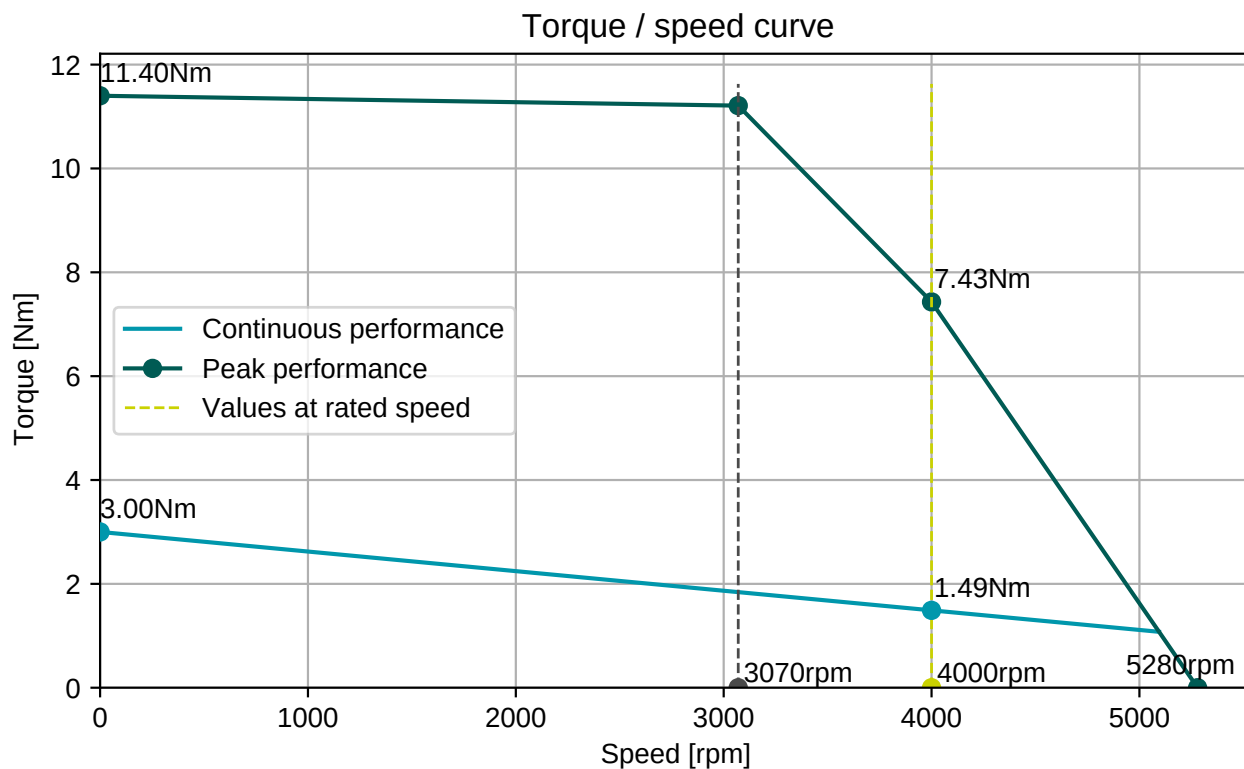
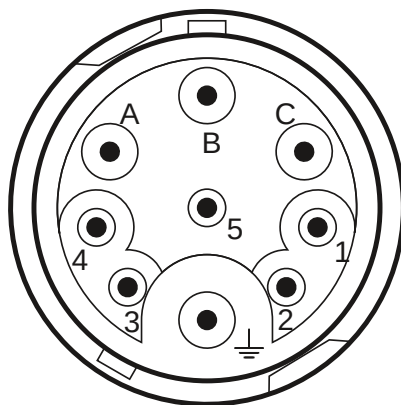


| Engineering data (WIN 1620)          |                              | Mechanical data (setting 48)                           |                                          |
|--------------------------------------|------------------------------|--------------------------------------------------------|------------------------------------------|
| DC bus voltage                       | 320 V DC                     | Max mechanical speed                                   | 12000 rpm                                |
| Nominal AC voltage                   | 220 V AC (rms)               | Mech. time constant                                    | 1.09 ms                                  |
| Rated voltage                        | 162 V AC (rms)               | Thermal time constant                                  | 40 min                                   |
| Rated power                          | 624 W                        | Rotor inertia                                          | 1.2 kgcm <sup>2</sup>                    |
| Rated speed                          | 4000 rpm                     | Protection                                             | IP64                                     |
| Rated torque                         | 1.49 Nm                      | Color                                                  | RAL 9005                                 |
| Rated current                        | 2.68 A (rms)                 | Cooling                                                | Convection                               |
| Peak torque                          | 11.4 Nm                      | Motor-only mass                                        | 3.3 kg                                   |
| Peak current                         | 18.8 A (rms)                 | Max. axial force 20kh                                  | 68 N                                     |
| Stall torque                         | 3 Nm                         | Max. radial force 20kh                                 | 360 N*                                   |
| Stall current                        | 4.37 A (rms)                 | Max. axial force 100kh                                 | 40 N                                     |
| No load speed                        | 5280 rpm                     | Max. radial force 100kh                                | 211 N*                                   |
| EMF constant ±10%                    | 41.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                          |
| Theoretical torque<br>constant ±10%  | 0.686 Nm / A<br>(rms)        | Sensors                                                |                                          |
| Torque constant ±10%<br>@ rated load | 0.556 Nm / A<br>(rms)        | Temperature                                            | PT1000 {PT1000}                          |
| Number of poles                      | 10                           | Feedback                                               | EKM36 (HDSL) multi-turn, 17 +<br>12 bits |
| Electrical time constant             | 1.62 ms                      | Brake                                                  |                                          |
| Winding terminal<br>resistance       | 2.479 Ω                      | Braking torque                                         | 4.50 Nm                                  |
| Rotary field terminal<br>inductance  | 4.02 mH                      | Voltage                                                | 24 V DC                                  |
| <b>Customs info</b>                  |                              | Power @20°C                                            | 12.0 W                                   |
| HS Code                              | 85015100                     | 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- |

