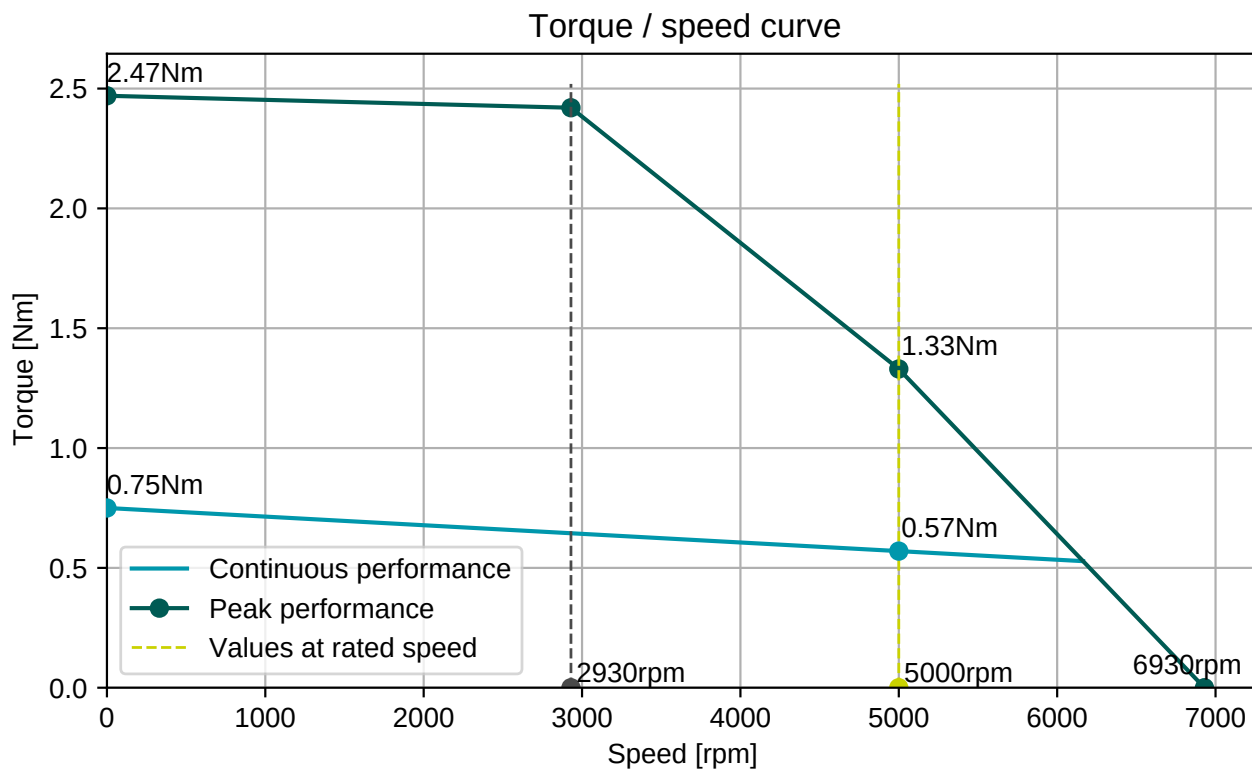
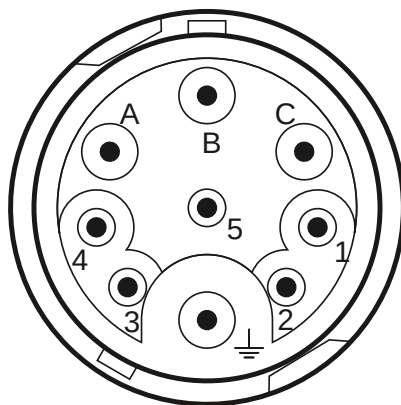


| Engineering data (WIN 1530)       |                              | Mechanical data (setting 48)                           |                                   |
|-----------------------------------|------------------------------|--------------------------------------------------------|-----------------------------------|
| DC bus voltage                    | 320 V DC                     | Max mechanical speed                                   | 12000 rpm                         |
| Nominal AC voltage                | 220 V AC (rms)               | Mech. time constant                                    | 2.62 ms                           |
| Rated voltage                     | 171 V AC (rms)               | Thermal time constant                                  | 20 min                            |
| Rated power                       | 298 W                        | Rotor inertia                                          | 0.33 kgcm <sup>2</sup>            |
| Rated speed                       | 5000 rpm                     | Protection                                             | IP64                              |
| Rated torque                      | 0.57 Nm                      | Color                                                  | RAL 9005                          |
| Rated current                     | 1.29 A (rms)                 | Cooling                                                | Convection                        |
| Peak torque                       | 2.47 Nm                      | Motor-only mass                                        | 1.3 kg                            |
| Peak current                      | 5.9 A (rms)                  | Max. axial force 20kh                                  | 42 N                              |
| Stall torque                      | 0.75 Nm                      | Max. radial force 20kh                                 | 219 N*                            |
| Stall current                     | 1.44 A (rms)                 | Max. axial force 100kh                                 | 24 N                              |
| No load speed                     | 6930 rpm                     | Max. radial force 100kh                                | 128 N*                            |
| EMF constant ±10%                 | 31.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                   |
| Theoretical torque constant ±10%  | 0.521 Nm / A (rms)           | Sensors                                                |                                   |
| Torque constant ±10% @ rated load | 0.442 Nm / A (rms)           | Temperature                                            | PT1000 {PT1000}                   |
| Number of poles                   | 10                           | Feedback                                               | EKS36 (HDSL) single-turn, 17 bits |
| Electrical time constant          | 1.13 ms                      | Brake                                                  |                                   |
| Winding terminal resistance       | 12.438 Ω                     | Braking torque                                         | 4.50 Nm                           |
| Rotary field terminal inductance  | 14.1 mH                      | Voltage                                                | 24 V DC                           |
| Power @20°C                       |                              | Current @20°C                                          | 0.50 A                            |
| Inertia                           |                              | Mass                                                   | 0.47 kg                           |
| 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- |

