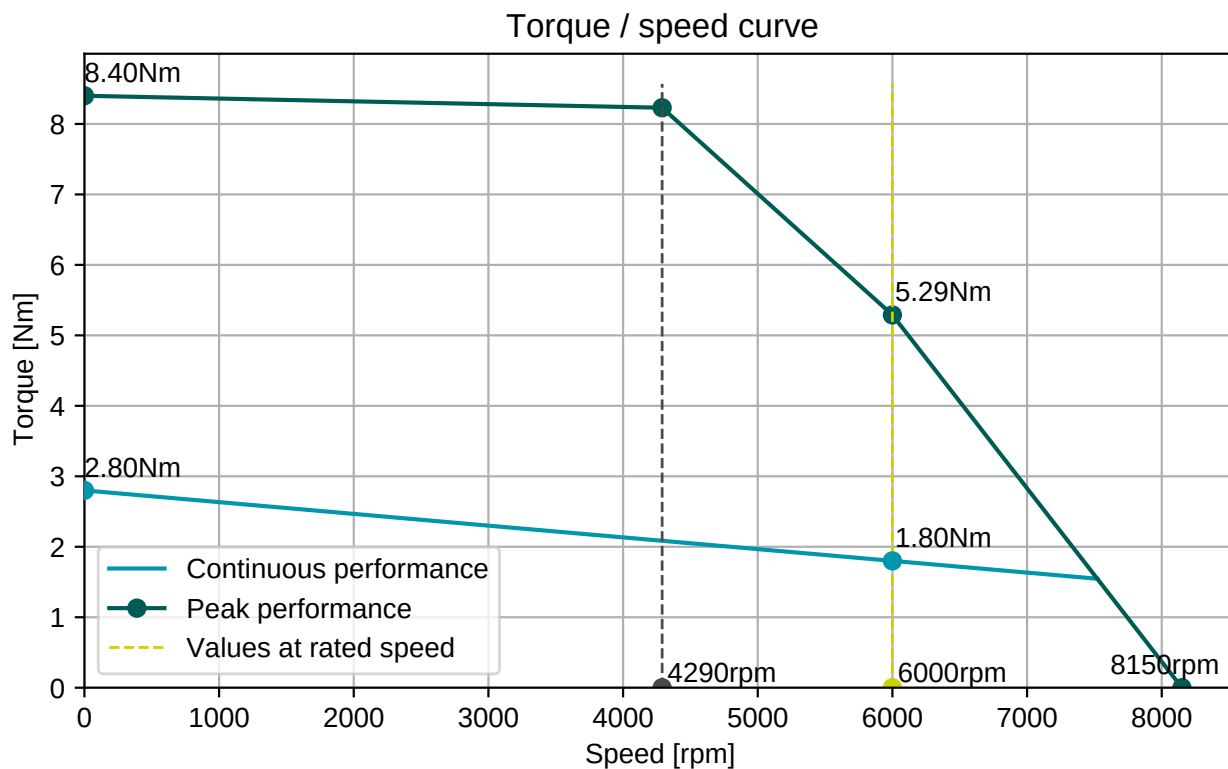


| Engineering data (WIN 1630)       |                              | Mechanical data (setting 48)                           |                                   |
|-----------------------------------|------------------------------|--------------------------------------------------------|-----------------------------------|
| DC bus voltage                    | 560 V DC                     | Max mechanical speed                                   | 12000 rpm                         |
| Nominal AC voltage                | 380 V AC (rms)               | Mech. time constant                                    | 0.82 ms                           |
| Rated voltage                     | 279 V AC (rms)               | Thermal time constant                                  | 25 min                            |
| Rated power                       | 1.1 kW                       | Rotor inertia                                          | 0.8 kgcm <sup>2</sup>             |
| Rated speed                       | 6000 rpm                     | Protection                                             | IP64                              |
| Rated torque                      | 1.80 Nm                      | Color                                                  | RAL 9005                          |
| Rated current                     | 2.79 A (rms)                 | Cooling                                                | Convection                        |
| Peak torque                       | 8.4 Nm                       | Motor-only mass                                        | 3 kg                              |
| Peak current                      | 14.1 A (rms)                 | Max. axial force 20kh                                  | 51 N                              |
| Stall torque                      | 2.8 Nm                       | Max. radial force 20kh                                 | 266 N*                            |
| Stall current                     | 3.64 A (rms)                 | Max. axial force 100kh                                 | 30 N                              |
| No load speed                     | 8150 rpm                     | Max. radial force 100kh                                | 156 N*                            |
| EMF constant ±10%                 | 46.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                   |
| Theoretical torque constant ±10%  | 0.769 Nm / A<br>(rms)        | Sensors                                                |                                   |
| Torque constant ±10% @ rated load | 0.645 Nm / A<br>(rms)        | Temperature                                            | PT1000 {PT1000}                   |
| Number of poles                   | 10                           | Feedback                                               | EDS35 (HDSL) single-turn, 24 bits |
| Electrical time constant          | 2.53 ms                      | Brake                                                  |                                   |
| Winding terminal resistance       | 3.48 Ω                       | Braking torque                                         | 4.50 Nm                           |
| Rotary field terminal inductance  | 8.8 mH                       | Voltage                                                | 24 V DC                           |
| <b>Customs info</b>               |                              | 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- |

