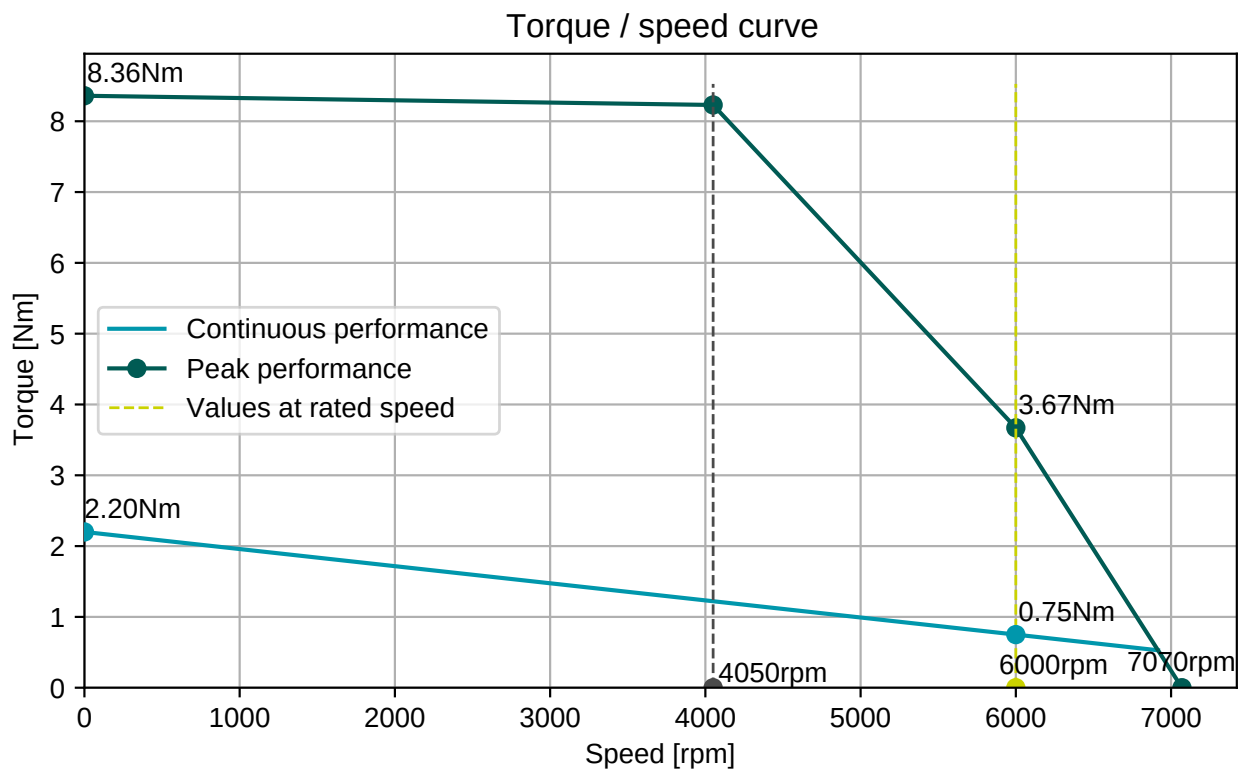


| Engineering data (WIN 1579)          |                            | Mechanical data (setting 48)                                                                           |                        |
|--------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                       | 320 V DC                   | Max mechanical speed                                                                                   | 12000 rpm              |
| Nominal AC voltage                   | 220 V AC (rms)             | Mech. time constant                                                                                    | 1.20 ms                |
| Rated voltage                        | 177 V AC (rms)             | Thermal time constant                                                                                  | 32 min                 |
| Rated power                          | 471 W                      | Rotor inertia                                                                                          | 0.85 kgcm <sup>2</sup> |
| Rated speed                          | 6000 rpm                   | Protection                                                                                             | IP64                   |
| Rated torque                         | 0.75 Nm                    | Color                                                                                                  | RAL 9005               |
| Rated current                        | 1.9 A (rms)                | Cooling                                                                                                | Convection             |
| Peak torque                          | 8.36 Nm                    | Motor-only mass                                                                                        | 2.2 kg                 |
| Peak current                         | 18.8 A (rms)               | Max. axial force 20kh                                                                                  | 52 N                   |
| Stall torque                         | 2.2 Nm                     | Max. radial force 20kh                                                                                 | 276 N*                 |
| Stall current                        | 4.29 A (rms)               | Max. axial force 100kh                                                                                 | 31 N                   |
| No load speed                        | 7070 rpm                   | Max. radial force 100kh                                                                                | 161 N*                 |
| EMF constant ±10%                    | 31 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                                 |                        |
| Theoretical torque constant ±10%     | 0.513 Nm / A<br>(rms)      |                                                                                                        |                        |
| Torque constant ±10%<br>@ rated load | 0.395 Nm / A<br>(rms)      | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback EKM36 (HDSL) multi-turn,<br>18+12 bits, SIL2 |                        |
| Number of poles                      | 10                         |                                                                                                        |                        |
| Electrical time constant             | 1.58 ms                    |                                                                                                        |                        |
| Winding terminal resistance          | 2.151 Ω                    |                                                                                                        |                        |
| Rotary field terminal inductance     | 3.39 mH                    |                                                                                                        |                        |
| 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- |

