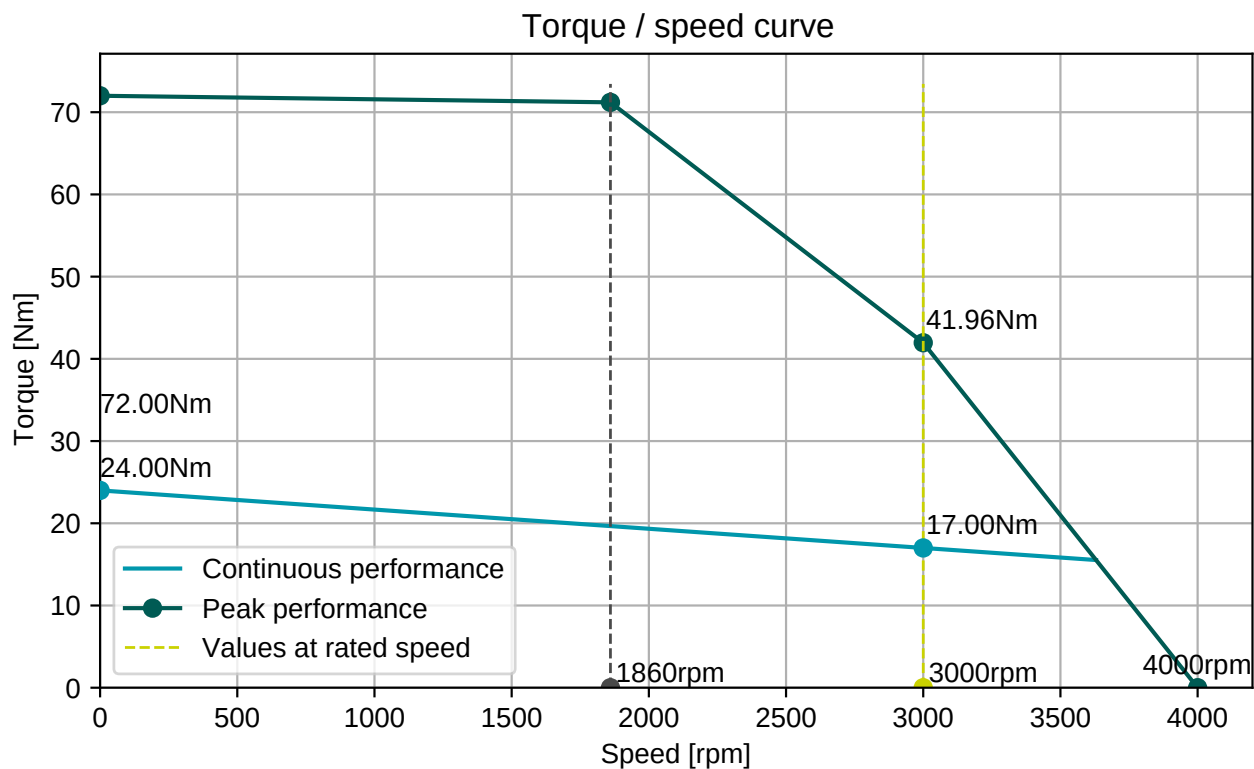


| Engineering data (WIN 932)        |                            | Mechanical data (setting 48)                           |                                   |
|-----------------------------------|----------------------------|--------------------------------------------------------|-----------------------------------|
| DC bus voltage                    | 560 V DC                   | Max mechanical speed                                   | 6000 rpm                          |
| Nominal AC voltage                | 380 V AC (rms)             | Mech. time constant                                    | 0.74 ms                           |
| Rated voltage                     | 269 V AC (rms)             | Thermal time constant                                  | 47 min                            |
| Rated power                       | 5.3 kW                     | Rotor inertia                                          | 25.6 kgcm <sup>2</sup>            |
| Rated speed                       | 3000 rpm                   | Protection                                             | IP64                              |
| Rated torque                      | 17.00 Nm                   | Color                                                  | RAL 9005                          |
| Rated current                     | 13.81 A (rms)              | Cooling                                                | Convection                        |
| Peak torque                       | 72 Nm                      | Motor-only mass                                        | 9.2 kg                            |
| Peak current                      | 59.6 A (rms)               | Max. axial force 20kh                                  | 136 N                             |
| Stall torque                      | 24 Nm                      | Max. radial force 20kh                                 | 718 N*                            |
| Stall current                     | 15.3 A (rms)               | Max. axial force 100kh                                 | 80 N                              |
| No load speed                     | 4000 rpm                   | Max. radial force 100kh                                | 420 N*                            |
| EMF constant ±10%                 | 95 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                   |
| Theoretical torque constant ±10%  | 1.57 Nm / A<br>(rms)       | Sensors                                                |                                   |
| Torque constant ±10% @ rated load | 1.23 Nm / A<br>(rms)       | Temperature                                            | PT1000 {PT1000}                   |
| Number of poles                   | 10                         | Feedback                                               | EDS35 (HDSL) single-turn, 24 bits |
| Electrical time constant          | 13.41 ms                   | Brake                                                  |                                   |
| Winding terminal resistance       | 0.41 Ω                     | Braking torque                                         | 36.00 Nm                          |
| Rotary field terminal inductance  | 5.5 mH                     | Voltage                                                | 24 V DC                           |
| <b>Customs info</b>               |                            | Power @20°C                                            | 26.0 W                            |
| HS Code                           | 85015220                   | Current @20°C                                          | 1.08 A                            |
|                                   |                            | Inertia                                                | 6.20 kgcm <sup>2</sup>            |
|                                   |                            | Mass                                                   | 2.85 kg                           |


**BGC110N00001216000**

M23, 8 poles, rotary


**Connector 1 (283)**

|   |          |
|---|----------|
| 1 | U        |
| 4 | V        |
| 3 | W        |
| 2 | PE       |
| A | Brake+   |
| B | Brake-   |
| C | GND/DSL- |
| D | +Us/DSL+ |

