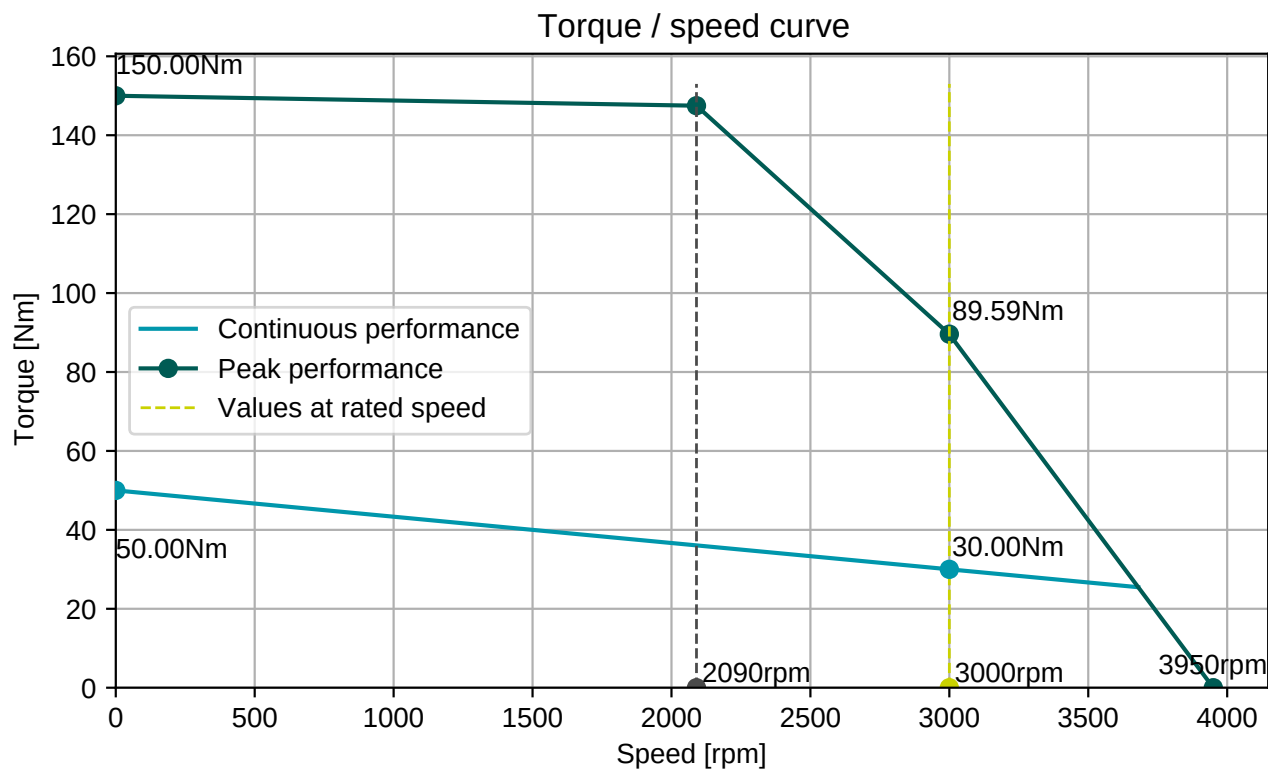


| Engineering data (WIN 860)        |                            | Mechanical data (setting 48)                           |                                   |
|-----------------------------------|----------------------------|--------------------------------------------------------|-----------------------------------|
| DC bus voltage                    | 560 V DC                   | Max mechanical speed                                   | 6000 rpm                          |
| Nominal AC voltage                | 380 V AC (rms)             | Mech. time constant                                    | 0.75 ms                           |
| Rated voltage                     | 265 V AC (rms)             | Thermal time constant                                  | 100 min                           |
| Rated power                       | 9.4 kW                     | Rotor inertia                                          | 88 kgcm <sup>2</sup>              |
| Rated speed                       | 3000 rpm                   | Protection                                             | IP64                              |
| Rated torque                      | 30.00 Nm                   | Color                                                  | RAL 9005                          |
| Rated current                     | 24.35 A (rms)              | Cooling                                                | Convection                        |
| Peak torque                       | 150 Nm                     | Motor-only mass                                        | 24 kg                             |
| Peak current                      | 109.3 A (rms)              | Max. axial force 20kh                                  | 263 N                             |
| Stall torque                      | 50 Nm                      | Max. radial force 20kh                                 | 1384 N*                           |
| Stall current                     | 31.5 A (rms)               | Max. axial force 100kh                                 | 154 N                             |
| No load speed                     | 3950 rpm                   | Max. radial force 100kh                                | 810 N*                            |
| EMF constant ±10%                 | 98 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                   |
| Theoretical torque constant ±10%  | 1.59 Nm / A<br>(rms)       | Sensors                                                |                                   |
| Torque constant ±10% @ rated load | 1.23 Nm / A<br>(rms)       | Temperature                                            | PT1000 {PT1000}                   |
| Number of poles                   | 10                         | Feedback                                               | EKS36 (HDSL) single-turn, 17 bits |
| Electrical time constant          | 20.00 ms                   | Brake                                                  |                                   |
| Winding terminal resistance       | 0.13 Ω                     | Braking torque                                         | 36.00 Nm                          |
| Rotary field terminal inductance  | 2.6 mH                     | Voltage                                                | 24 V DC                           |
| <b>Customs info</b>               |                            | Power @20°C                                            | 26.0 W                            |
| HS Code                           | 85015230                   | 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+ |

