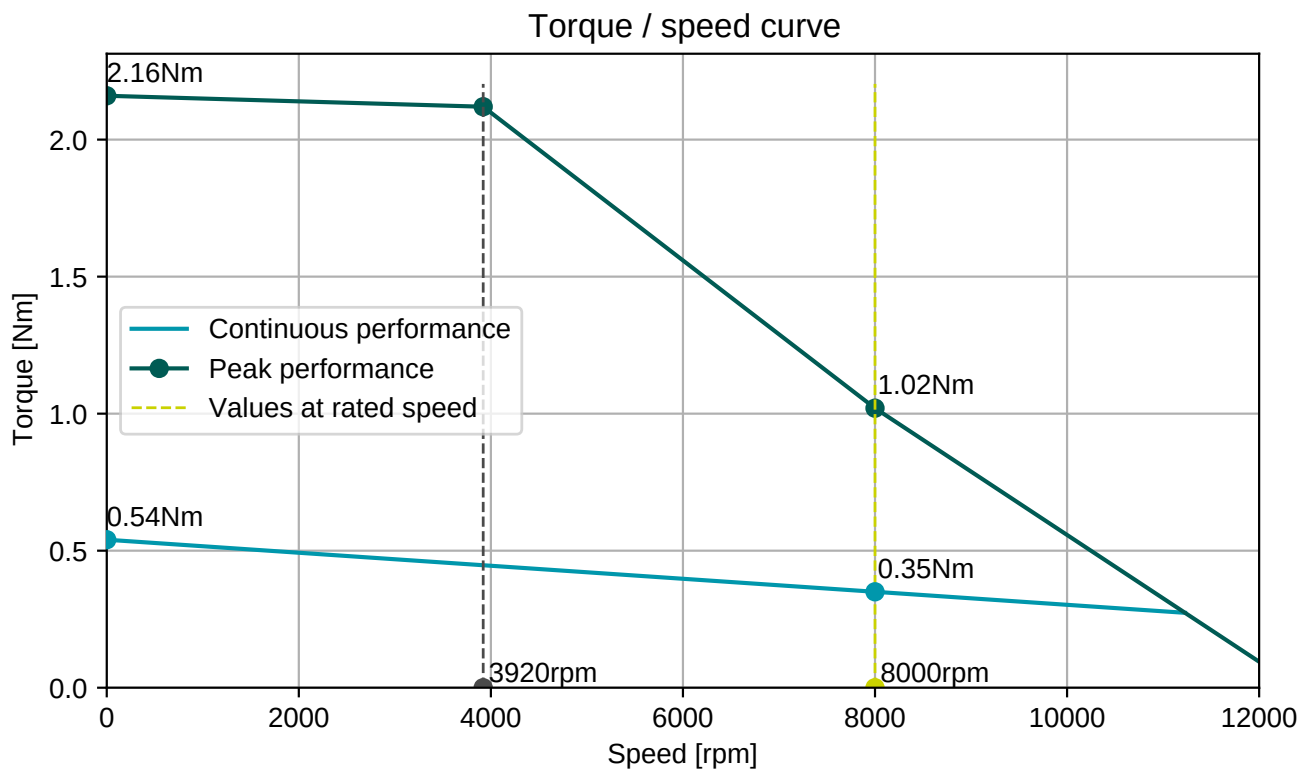
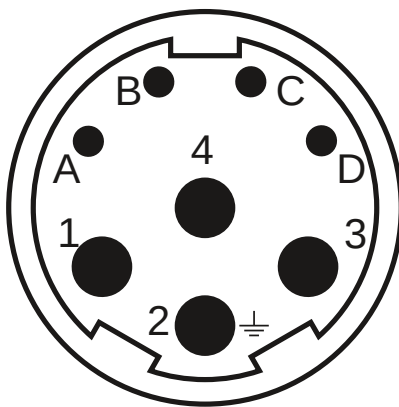


| Engineering data (WIN 926)        |                              | Mechanical data (setting 48)                           |                                   |
|-----------------------------------|------------------------------|--------------------------------------------------------|-----------------------------------|
| DC bus voltage                    | 320 V DC                     | Max mechanical speed                                   | 12000 rpm                         |
| Nominal AC voltage                | 220 V AC (rms)               | Mech. time constant                                    | 1.48 ms                           |
| Rated voltage                     | 163 V AC (rms)               | Thermal time constant                                  | 12 min                            |
| Rated power                       | 293 W                        | Rotor inertia                                          | 0.07 kgcm <sup>2</sup>            |
| Rated speed                       | 8000 rpm                     | Protection                                             | IP64                              |
| Rated torque                      | 0.35 Nm                      | Color                                                  | RAL 9005                          |
| Rated current                     | 1.38 A (rms)                 | Cooling                                                | Convection                        |
| Peak torque                       | 2.16 Nm                      | Motor-only mass                                        | 0.9 kg                            |
| Peak current                      | 8.6 A (rms)                  | Max. axial force 20kh                                  | 35 N                              |
| Stall torque                      | 0.54 Nm                      | Max. radial force 20kh                                 | 183 N*                            |
| Stall current                     | 1.87 A (rms)                 | Max. axial force 100kh                                 | 20 N                              |
| No load speed                     | 12410 rpm                    | Max. radial force 100kh                                | 107 N*                            |
| EMF constant ±10%                 | 17.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                   |
| Theoretical torque constant ±10%  | 0.29 Nm / A<br>(rms)         | Sensors                                                |                                   |
| Torque constant ±10% @ rated load | 0.25 Nm / A<br>(rms)         | Temperature                                            | PT1000 {PT1000}                   |
| Number of poles                   | 6                            | Feedback                                               | EES37 (HDSL) single-turn, 17 bits |
| Electrical time constant          | 1.25 ms                      | Brake                                                  |                                   |
| Winding terminal resistance       | 10.2 Ω                       | Braking torque                                         | 2.00 Nm                           |
| Rotary field terminal inductance  | 12.8 mH                      | Voltage                                                | 24 V DC                           |
| <b>Customs info</b>               |                              | Power @20°C                                            | 11.0 W                            |
| HS Code                           | 85015100                     | Current @20°C                                          | 0.46 A                            |
|                                   |                              | Inertia                                                | 0.08 kgcm <sup>2</sup>            |
|                                   |                              | Mass                                                   | 0.20 kg                           |



**BGC110N00001216000**

M23, 8 poles, rotary



**Connector 1 (283)**

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

