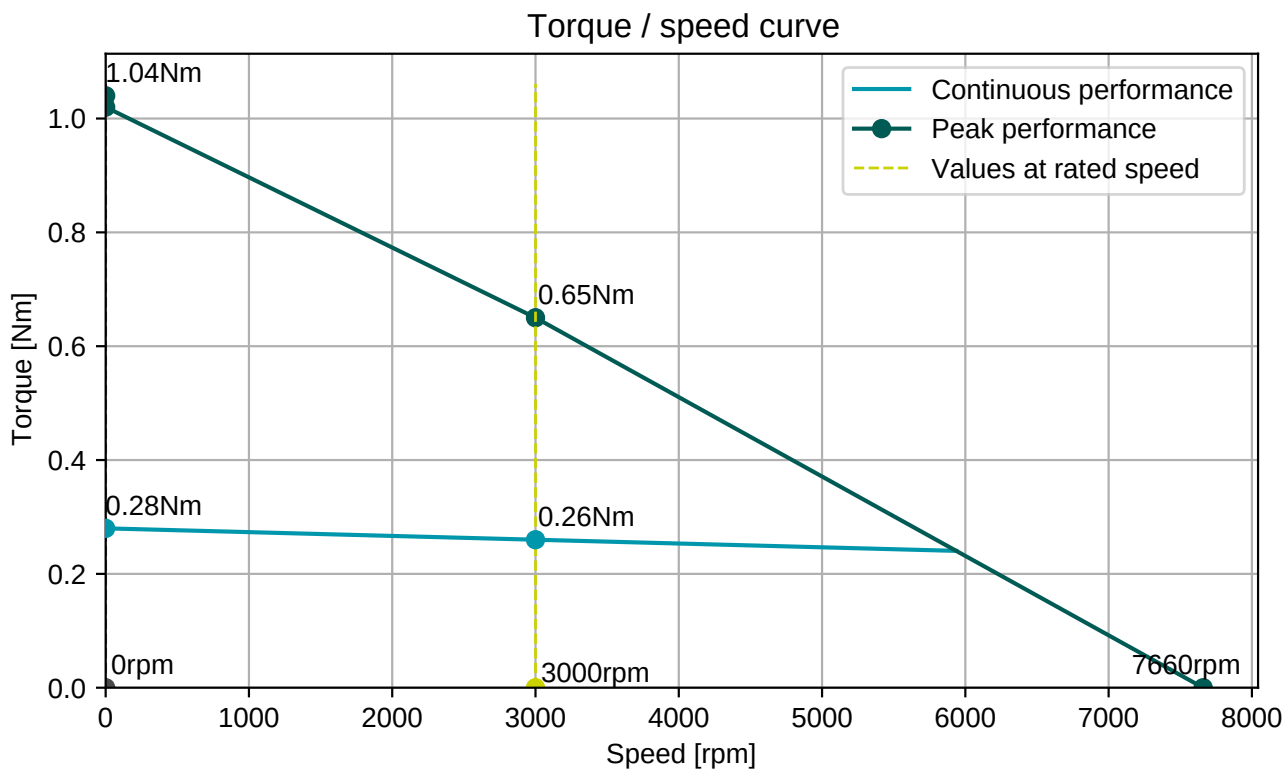


| Engineering data (WIN 740)           |                             | Mechanical data (setting 48)                                                                     |                        |
|--------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                       | 24 V DC                     | Max mechanical speed                                                                             | 12000 rpm              |
| Nominal AC voltage                   | 17 V AC (rms)               | Mech. time constant                                                                              | 2.81 ms                |
| Rated voltage                        | 11 V AC (rms)               | Thermal time constant                                                                            | 10 min                 |
| Rated power                          | 82 W                        | Rotor inertia                                                                                    | 0.05 kgcm <sup>2</sup> |
| Rated speed                          | 3000 rpm                    | Protection                                                                                       | IP64                   |
| Rated torque                         | 0.26 Nm                     | Color                                                                                            | RAL 9005               |
| Rated current                        | 8.04 A (rms)                | Cooling                                                                                          | Convection             |
| Peak torque                          | 1.04 Nm                     | Motor-only mass                                                                                  | 0.9 kg                 |
| Peak current                         | 32.9 A (rms)                | Max. axial force 20kh                                                                            | 41 N                   |
| Stall torque                         | 0.28 Nm                     | Max. radial force 20kh                                                                           | 216 N*                 |
| Stall current                        | 7.9 A (rms)                 | Max. axial force 100kh                                                                           | 24 N                   |
| No load speed                        | 7660 rpm                    | Max. radial force 100kh                                                                          | 126 N*                 |
| EMF constant ±10%                    | 2.2 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                           |                        |
| Theoretical torque constant ±10%     | 0.04 Nm / A<br>(rms)        |                                                                                                  |                        |
| Torque constant ±10%<br>@ rated load | 0.03 Nm / A<br>(rms)        | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback EEM37 (HDSL) multi-turn,<br>17+12 bits |                        |
| Number of poles                      | 6                           |                                                                                                  |                        |
| Electrical time constant             | 0.98 ms                     |                                                                                                  |                        |
| Winding terminal resistance          | 0.43 Ω                      |                                                                                                  |                        |
| Rotary field terminal inductance     | 0.42 mH                     |                                                                                                  |                        |
| Customs info                         |                             |                                                                                                  |                        |
| HS Code                              | 85015100                    |                                                                                                  |                        |



**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+ |

