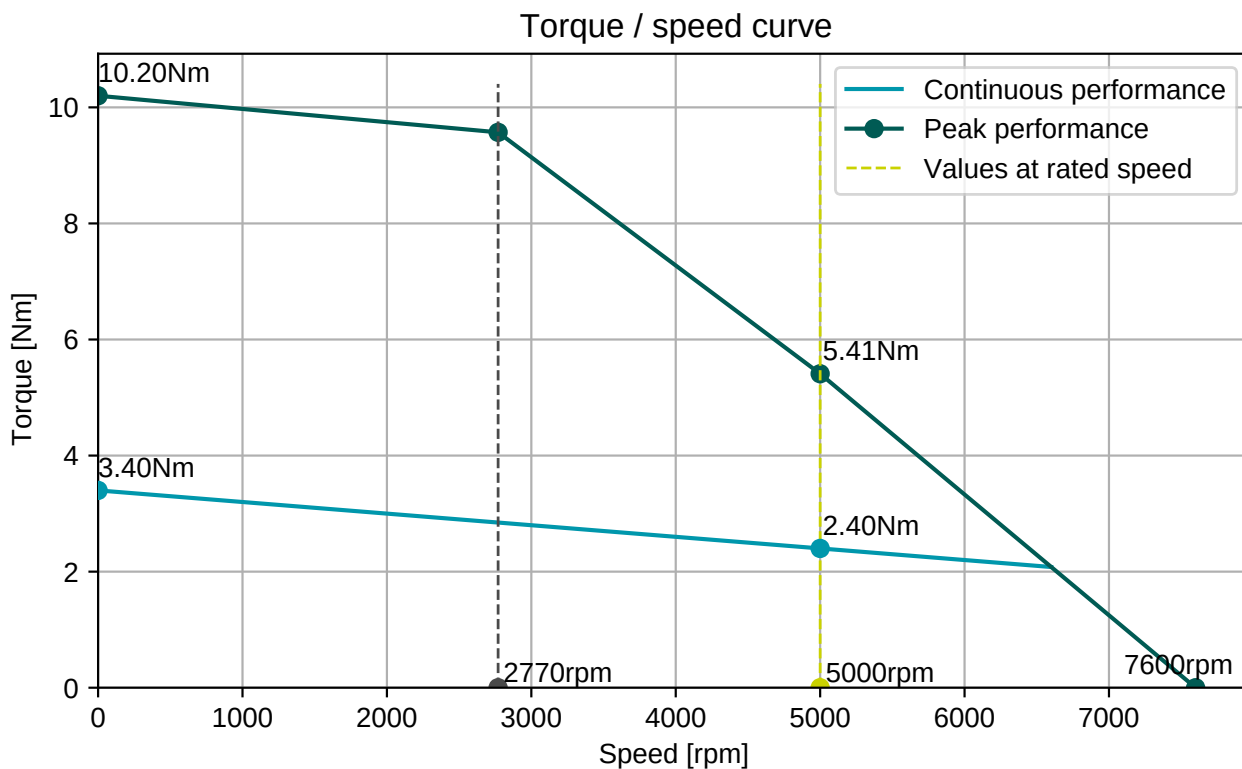


| Engineering data (WIN 1156)          |                              | Mechanical data (setting 48)                                                                      |                        |
|--------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                       | 560 V DC                     | Max mechanical speed                                                                              | 9000 rpm               |
| Nominal AC voltage                   | 380 V AC (rms)               | Mech. time constant                                                                               | 1.35 ms                |
| Rated voltage                        | 264 V AC (rms)               | Thermal time constant                                                                             | 25 min                 |
| Rated power                          | 1.3 kW                       | Rotor inertia                                                                                     | 2.04 kgcm <sup>2</sup> |
| Rated speed                          | 5000 rpm                     | Protection                                                                                        | IP64                   |
| Rated torque                         | 2.40 Nm                      | Color                                                                                             | RAL 9005               |
| Rated current                        | 4.22 A (rms)                 | Cooling                                                                                           | Convection             |
| Peak torque                          | 10.2 Nm                      | Motor-only mass                                                                                   | 3.5 kg                 |
| Peak current                         | 18.9 A (rms)                 | Max. axial force 20kh                                                                             | 103 N                  |
| Stall torque                         | 3.4 Nm                       | Max. radial force 20kh                                                                            | 541 N*                 |
| Stall current                        | 4.15 A (rms)                 | Max. axial force 100kh                                                                            | 60 N                   |
| No load speed                        | 7600 rpm                     | Max. radial force 100kh                                                                           | 316 N*                 |
| EMF constant ±10%                    | 49.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                            |                        |
| Theoretical torque constant ±10%     | 0.82 Nm / A<br>(rms)         |                                                                                                   |                        |
| Torque constant ±10%<br>@ rated load | 0.57 Nm / A<br>(rms)         | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback EKS36 (HDSL) single-turn, 18 bits, SIL2 |                        |
| Number of poles                      | 10                           |                                                                                                   |                        |
| Electrical time constant             | 4.63 ms                      |                                                                                                   |                        |
| Winding terminal resistance          | 2.57 Ω                       |                                                                                                   |                        |
| Rotary field terminal inductance     | 11.9 mH                      |                                                                                                   |                        |
| Customs info                         |                              |                                                                                                   |                        |
| HS Code                              | 85015220                     |                                                                                                   |                        |



**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+ |

