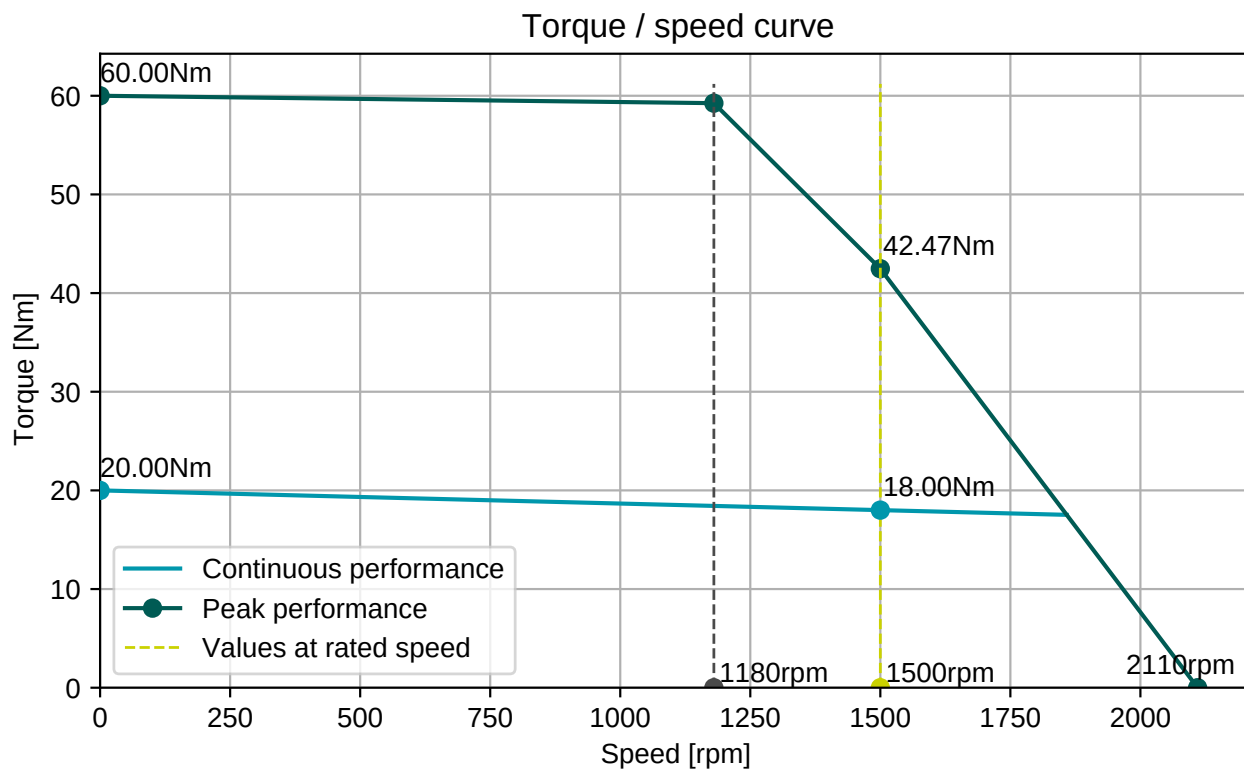


| Engineering data (WIN 732)           |                             | Mechanical data (setting 16)                                                                                    |                        |
|--------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                       | 320 V DC                    | Max mechanical speed                                                                                            | 9000 rpm               |
| Nominal AC voltage                   | 220 V AC (rms)              | Mech. time constant                                                                                             | 0.64 ms                |
| Rated voltage                        | 165 V AC (rms)              | Thermal time constant                                                                                           | 65 min                 |
| Rated power                          | 2.8 kW                      | Rotor inertia                                                                                                   | 15.1 kgcm <sup>2</sup> |
| Rated speed                          | 1500 rpm                    | Protection                                                                                                      | IP64                   |
| Rated torque                         | 18.00 Nm                    | Color                                                                                                           | RAL 9005               |
| Rated current                        | 11.81 A (rms)               | Cooling                                                                                                         | Convection             |
| Peak torque                          | 60 Nm                       | Motor-only mass                                                                                                 | 11.5 kg                |
| Peak current                         | 39.8 A (rms)                | Max. axial force 20kh                                                                                           | 179 N                  |
| Stall torque                         | 20 Nm                       | Max. radial force 20kh                                                                                          | 940 N*                 |
| Stall current                        | 11.6 A (rms)                | Max. axial force 100kh                                                                                          | 104 N                  |
| No load speed                        | 2110 rpm                    | Max. radial force 100kh                                                                                         | 550 N*                 |
| EMF constant ±10%                    | 104 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                                          |                        |
| Theoretical torque constant ±10%     | 1.72 Nm / A<br>(rms)        |                                                                                                                 |                        |
| Torque constant ±10%<br>@ rated load | 1.52 Nm / A<br>(rms)        | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback SRS50 (Hiperface) single-turn,<br>1024 sin/cos+12bits |                        |
| Number of poles                      | 10                          |                                                                                                                 |                        |
| Electrical time constant             | 8.75 ms                     |                                                                                                                 |                        |
| Winding terminal resistance          | 0.72 Ω                      |                                                                                                                 |                        |
| Rotary field terminal inductance     | 6.3 mH                      |                                                                                                                 |                        |
| Customs info                         |                             |                                                                                                                 |                        |
| HS Code                              | 85015220                    |                                                                                                                 |                        |


**BGC110N00001216000**

M23, 8 poles, rotary


**AGC113N00001215000**

M23, 17 poles, rotary


**Connector 1 (9)**

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

**Connector 2 (130)**

|      |            |
|------|------------|
| 1/9  | SIN/REFSIN |
| 3/11 | COS/REFCOS |
| 5/13 | DATA/DATA- |
| 4/2  | Us/GND     |
| 14/7 | Therm      |

