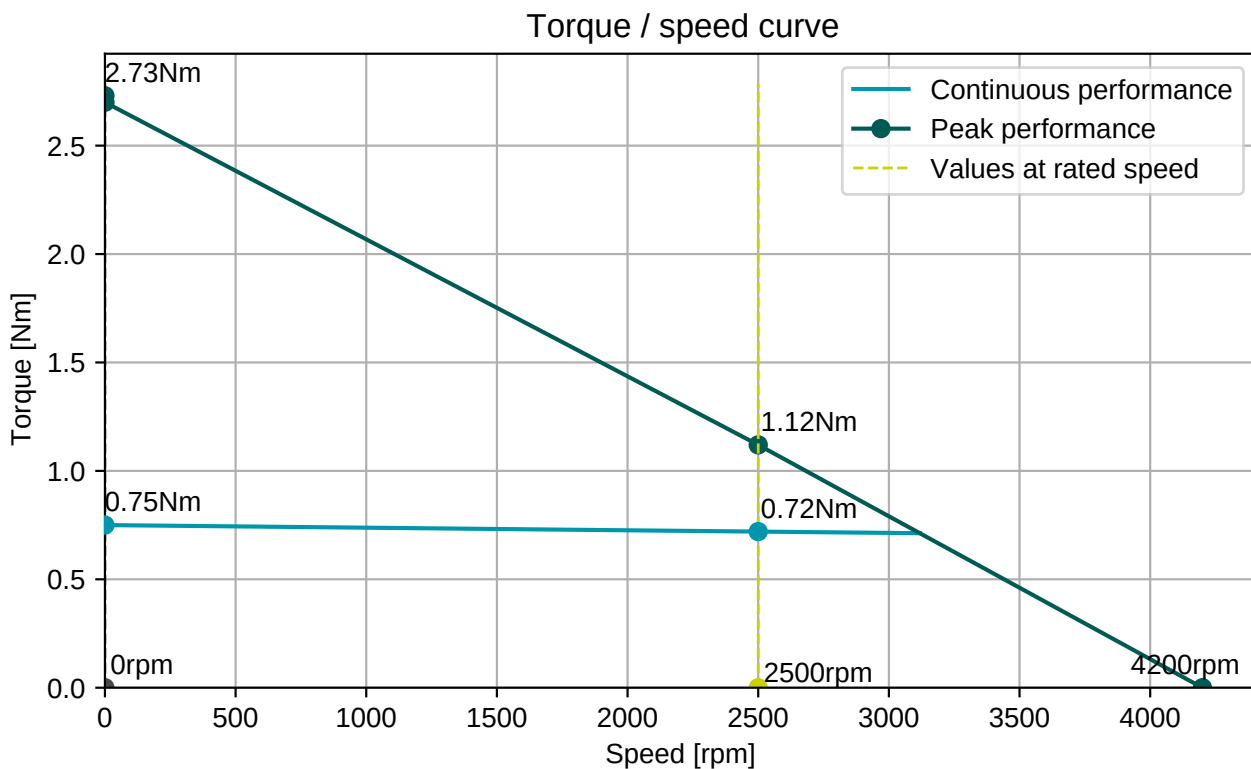


| Engineering data (WIN 795)        |                             | Mechanical data (setting 5)                            |                                                        |
|-----------------------------------|-----------------------------|--------------------------------------------------------|--------------------------------------------------------|
| DC bus voltage                    | 36 V DC                     | Max mechanical speed                                   | 12000 rpm                                              |
| Nominal AC voltage                | 25 V AC (rms)               | Mech. time constant                                    | 1.15 ms                                                |
| Rated voltage                     | 21 V AC (rms)               | Thermal time constant                                  | 12 min                                                 |
| Rated power                       | 188 W                       | Rotor inertia                                          | 0.09 kgcm <sup>2</sup>                                 |
| Rated speed                       | 2500 rpm                    | Protection                                             | IP64                                                   |
| Rated torque                      | 0.72 Nm                     | Color                                                  | RAL 9005                                               |
| Rated current                     | 7.8 A (rms)                 | Cooling                                                | Convection                                             |
| Peak torque                       | 2.73 Nm                     | Motor-only mass                                        | 1.54 kg                                                |
| Peak current                      | 31.2 A (rms)                | Max. axial force 20kh                                  | 52 N                                                   |
| Stall torque                      | 0.75 Nm                     | Max. radial force 20kh                                 | 276 N*                                                 |
| Stall current                     | 7.7 A (rms)                 | Max. axial force 100kh                                 | 31 N                                                   |
| No load speed                     | 4200 rpm                    | Max. radial force 100kh                                | 161 N*                                                 |
| EMF constant ±10%                 | 5.9 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                                        |
| Theoretical torque constant ±10%  | 0.1 Nm / A (rms)            |                                                        |                                                        |
| Torque constant ±10% @ rated load | 0.1 Nm / A (rms)            |                                                        |                                                        |
| Number of poles                   | 6                           | Sensors                                                |                                                        |
| Electrical time constant          | 1.27 ms                     | Temperature                                            | PT1000 {PT1000}                                        |
| Winding terminal resistance       | 0.7 Ω                       | Feedback                                               | 2-pole resolver ( ER5Kd411, TS2620N21E11, RE-15-1-A15) |
| Rotary field terminal inductance  | 0.89 mH                     | Brake                                                  |                                                        |
| Customs info                      |                             | Braking torque                                         | 2.00 Nm                                                |
| HS Code                           | 85015100                    | Voltage                                                | 24 V DC                                                |
|                                   |                             | Power @20°C                                            | 11.0 W                                                 |
|                                   |                             | Current @20°C                                          | 0.46 A                                                 |
|                                   |                             | Inertia                                                | 0.08 kgcm <sup>2</sup>                                 |
|                                   |                             | Mass                                                   | 0.20 kg                                                |


**BGC110N00001216000**

M23, 8 poles, rotary


**AGC052N00001215000**

M23, 12 poles, rotary


**Connector 1 (9)**

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

**Connector 2 (10)**

|   |        |
|---|--------|
| 2 | Therm+ |
| 3 | S4     |
| 4 | S3     |
| 5 | R2     |
| 6 | Therm- |
| 7 | S2     |
| 8 | S1     |
| 9 | R1     |

