

**Engineering data (WIN 926)**

|                                      |                              |
|--------------------------------------|------------------------------|
| DC bus voltage                       | 320 V DC                     |
| Nominal AC voltage                   | 220 V AC (rms)               |
| Rated voltage                        | 163 V AC (rms)               |
| Rated power                          | 293 W                        |
| Rated speed                          | 8000 rpm                     |
| Rated torque                         | 0.35 Nm                      |
| Rated current                        | 1.38 A (rms)                 |
| Peak torque                          | 2.16 Nm                      |
| Peak current                         | 8.6 A (rms)                  |
| Stall torque                         | 0.54 Nm                      |
| Stall current                        | 1.87 A (rms)                 |
| No load speed                        | 12410 rpm                    |
| EMF constant ±10%                    | 17.5 V AC (rms)<br>/ 1000rpm |
| Theoretical torque<br>constant ±10%  | 0.29 Nm / A<br>(rms)         |
| Torque constant ±10%<br>@ rated load | 0.25 Nm / A<br>(rms)         |
| Number of poles                      | 6                            |
| Electrical time constant             | 1.25 ms                      |
| Winding terminal<br>resistance       | 10.2 Ω                       |
| Rotary field terminal<br>inductance  | 12.8 mH                      |

**Customs info**

|         |          |
|---------|----------|
| HS Code | 85015100 |
|---------|----------|

**Mechanical data (setting 48)**

|                         |                        |
|-------------------------|------------------------|
| Max mechanical speed    | 12000 rpm              |
| Mech. time constant     | 1.48 ms                |
| Thermal time constant   | 12 min                 |
| Rotor inertia           | 0.07 kgcm <sup>2</sup> |
| Protection              | IP64                   |
| Color                   | RAL 9005               |
| Cooling                 | Convection             |
| Motor-only mass         | 0.9 kg                 |
| Max. axial force 20kh   | 35 N                   |
| Max. radial force 20kh  | 183 N*                 |
| Max. axial force 100kh  | 20 N                   |
| Max. radial force 100kh | 107 N*                 |

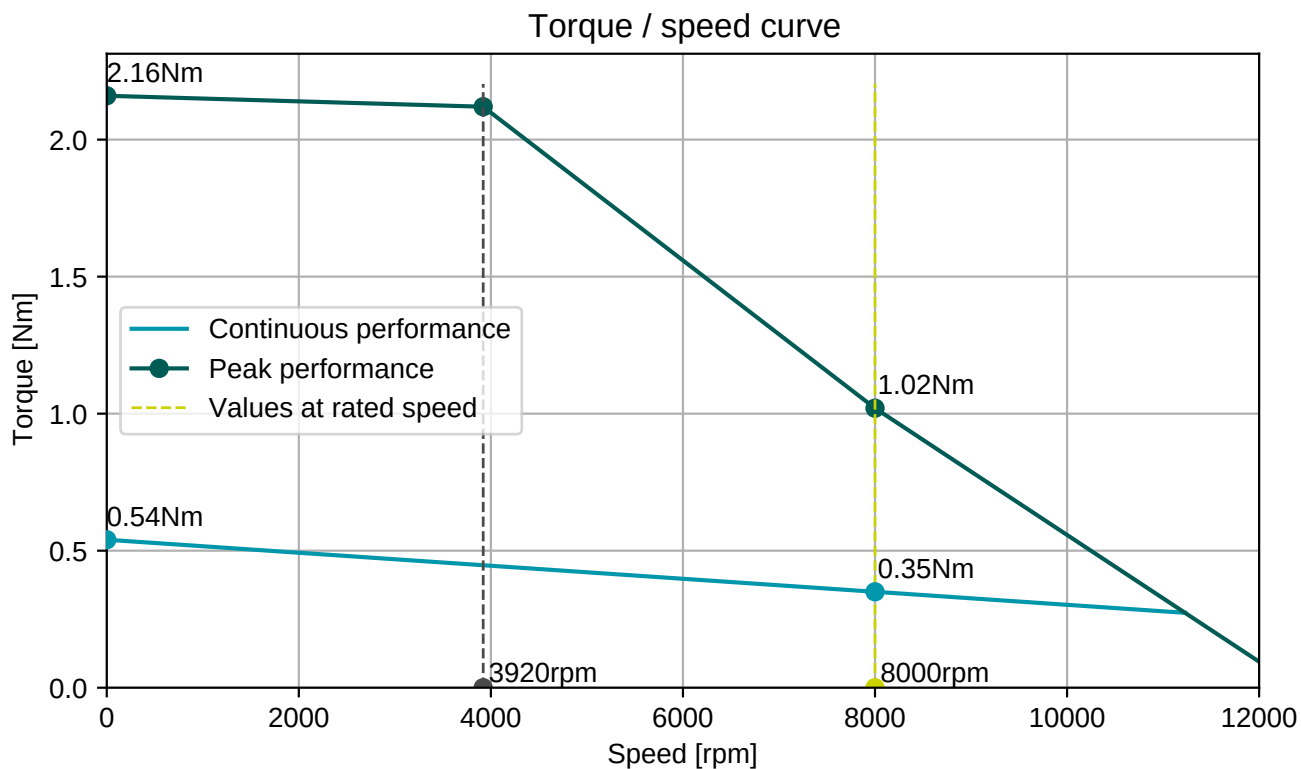
\* Defined for point of action at ½ output shaft length

**Sensors**

|             |                                        |
|-------------|----------------------------------------|
| Temperature | PT1000 {PT1000}                        |
| Feedback    | EEM37 (HDSL) multi-turn,<br>17+12 bits |

**Brake**

|                |                        |
|----------------|------------------------|
| Braking torque | 2.00 Nm                |
| 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



**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+ |

