| Engineering data (WIN 925) | | |
|---|---|---|
| DC bus voltage | 320 | V DC |
| Nominal AC voltage | 220 | V AC (rms) |
| Rated voltage | 164 | V AC (rms) |
| Rated power | 1.6 | kW |
| Rated speed | 6000 | rpm |
| Rated torque | 2.50 | Nm |
| Rated current | 6.76 | A (rms) |
| Peak torque | 10.5 | Nm |
| Peak current | 24.6 | A (rms) |
| Stall torque | 3.5 | Nm |
| Stall current | 6.8 | A (rms) |
| No load speed | 7080 | rpm |
| EMF constant ±10% | 31 | V AC (rms) / 1000rpm |
| Theoretical torque constant ±10% | 0.51 | Nm / A (rms) |
| Torque constant ±10% @ rated load | 0.37 | Nm / A (rms) |
| Number of poles | 10 | |
| Electrical time constant | 2.82 | ms |
| Winding terminal resistance | 1.1 | Ω |
| Rotary field terminal inductance | 3.1 | mH |

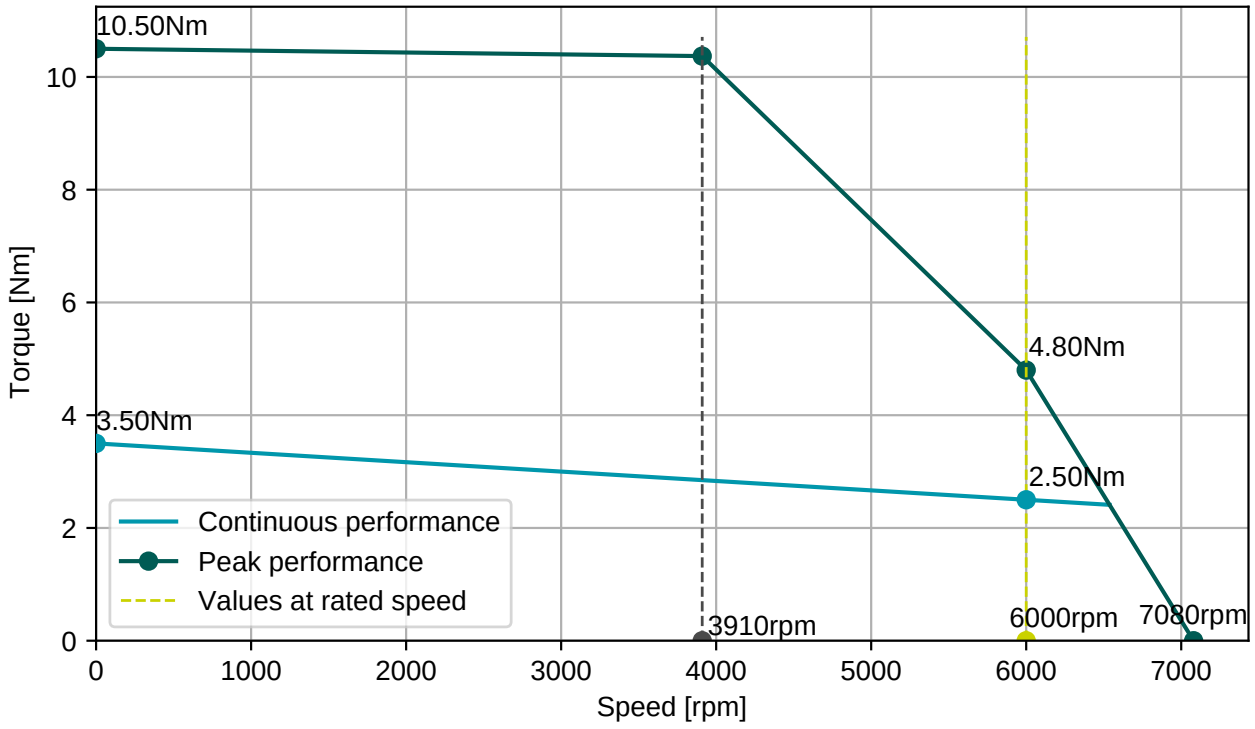
| Customs info | |
|---|---|
| HS Code | 85015220 |

| Mechanical data (setting 48) | | |
|---|---|---|
| Max mechanical speed | 12000 | rpm |
| Mech. time constant | 0.75 | ms |
| Thermal time constant | 27 | min |
| Rotor inertia | 1.04 | kgcm² |
| Protection | IP64 | |
| Color | RAL 9005 | |
| Cooling | Convection | |
| Motor-only mass | 2 | kg |
| Max. axial force 20kh | 54 | N |
| Max. radial force 20kh* | 283 | N |
| Max. axial force 100kh | 31 | N |
| Max. radial force 100kh* | 165 | N |

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

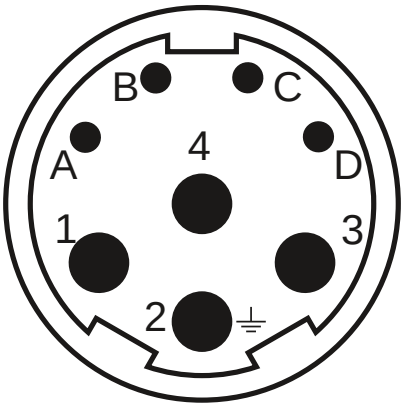
| Sensors | |
|---|---|
| Temperature | PT1000 {PT1000} |
| Feedback | EKM36 (HDSL) multi-turn, 18+12 bits, SIL2 |

Torque / speed curve

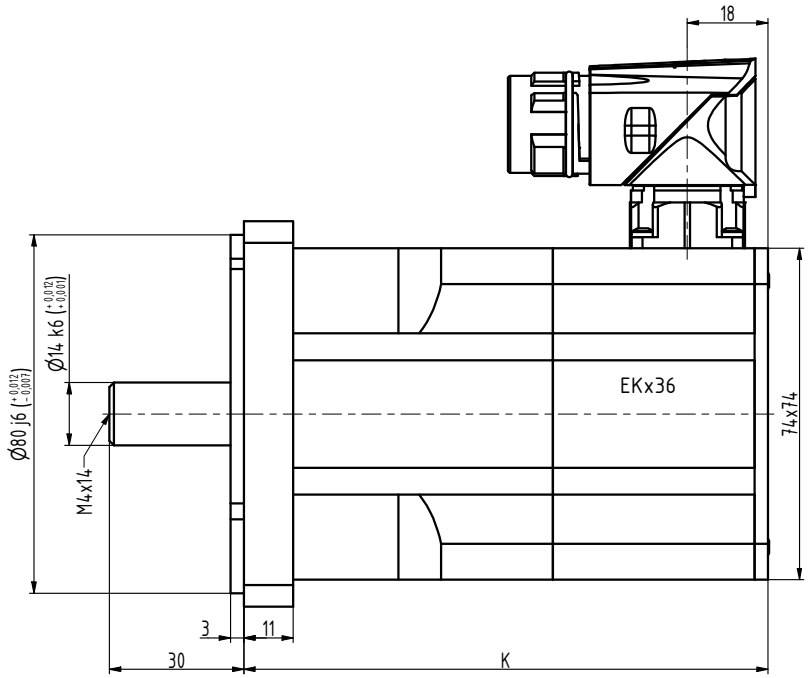


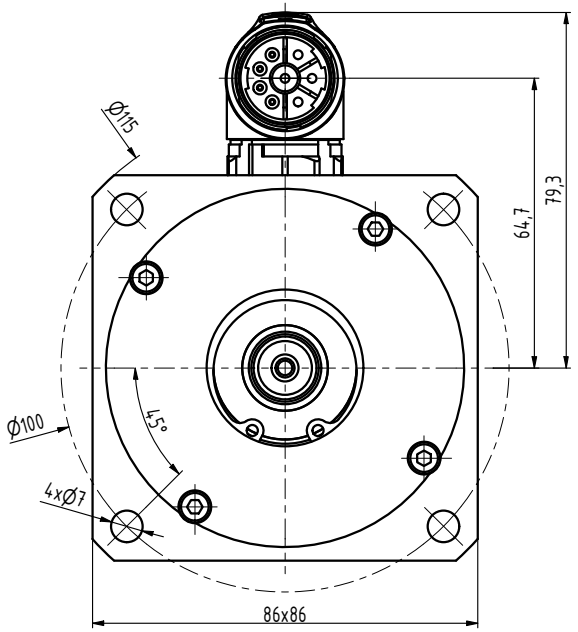

**BGC110N00001216000**

M23, 8 poles, rotary




| Connector 1 (283) | |
|---|---|
| **1** | U |
| **4** | V |
| **3** | W |
| **2** | PE |
| **A** | Brake+ |
| **B** | Brake- |
| **C** | GND/DSL- |
| **D** | +Us/DSL+ |




| TYP | K |
|---|---|
| N3-0115 | 99 |
| N3-0205 | 117 |
| N3-0280 | 135 |
| N3-0350 | 153 |
| N3-0420 | 171 |
| N3-0480 | 189 |

| INDEX | ZMĚNA | DATUM | PODPIS | | |
|---|---|---|---|---|---|
| ZN.MAT. | | | T.O. | HMOTNOST kg | MĚŘ. |
| ROZM.-POLOT. | | | | | |
| POM. ZAŘ. | | | | ČSN | TŘ.Č. |
| VYPR. Ošlejšek | | NORM.REF. | | POZN. | Č. KUSOVNÍKU |
| PŘEKR. Ošlejšek 30.05.20201 | | | | | |
| TECHNOL. | | SCHVÁLIL Ošlejšek | 27.10.2017 | STARÝ V. | Č.V. |
| NÁZEV: Motor N3 | | | | N3119 06 Z_S4_S1 | |
| | | | | Listů | List |