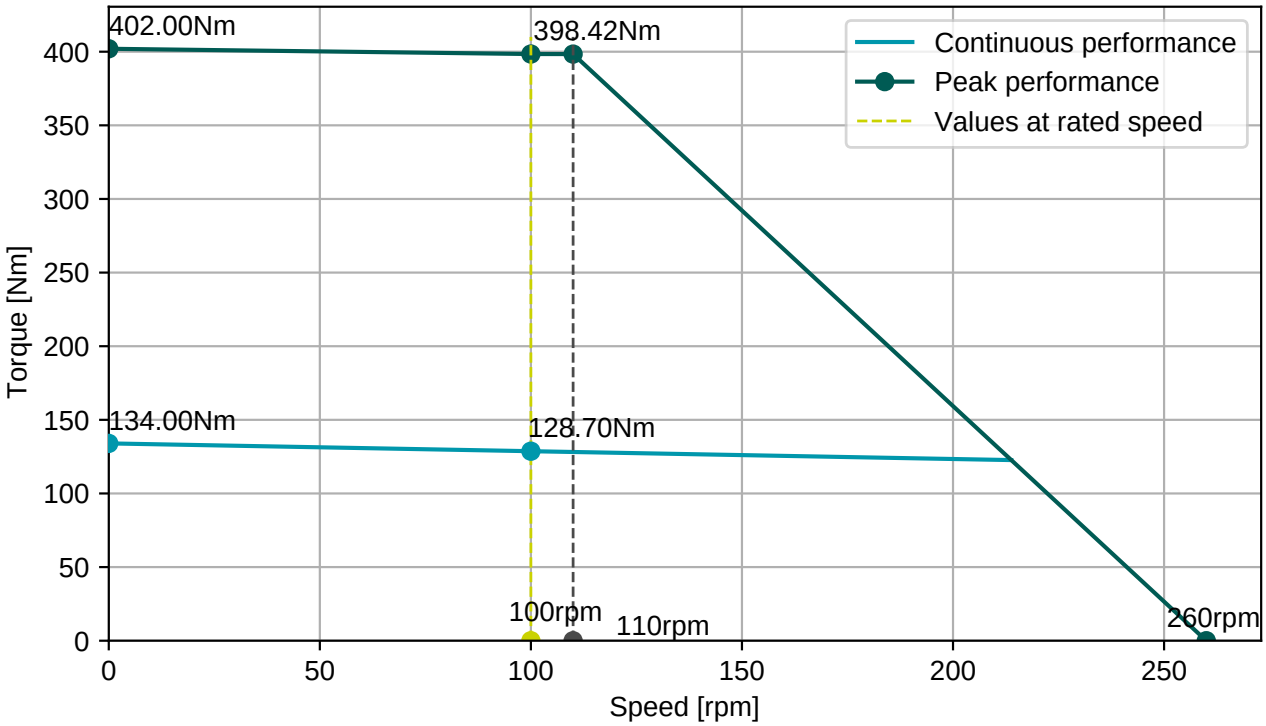
| Engineering data (WIN 1614) | | |
|---|---|---|
| DC bus voltage | 560 | V DC |
| Nominal AC voltage | 380 | V AC (rms) |
| Rated voltage | 200 | V AC (rms) |
| Rated power | 1.3 | kW |
| Rated speed | 100 | rpm |
| Rated torque | 128.70 | Nm |
| Rated current | 5.59 | A (rms) |
| Peak torque | 402 | Nm |
| Peak current | 20.3 | A (rms) |
| Stall torque | 134 | Nm |
| Stall current | 5.7 | A (rms) |
| No load speed | 260 | rpm |
| EMF constant ±10% | 1432 | V AC (rms) / 1000rpm |
| Theoretical torque constant ±10% | 23.685 | Nm / A (rms) |
| Torque constant ±10% @ rated load | 23.023 | Nm / A (rms) |
| Number of poles | 38 | |
| Electrical time constant | 4.20 | ms |
| Winding terminal resistance | 7.903 | Ω |
| Rotary field terminal inductance | 33.2 | mH |

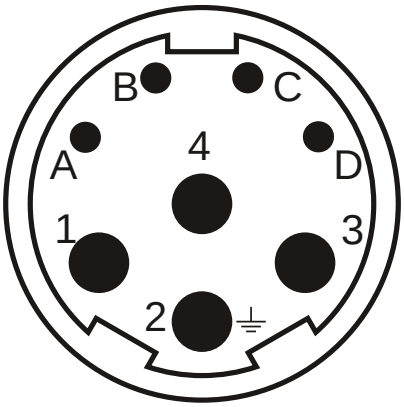
| Customs info | |
|---|---|
| HS Code | 85015220 |

| Mechanical data (setting 48) | | |
|---|---|---|
| Max mechanical speed | 12000 | rpm |
| Mech. time constant | 0.39 | ms |
| Thermal time constant | 61 | min |
| Rotor inertia | 161 | kgcm² |
| Protection | IP64 | |
| Color | RAL 9005 | |
| Cooling | Convection | |

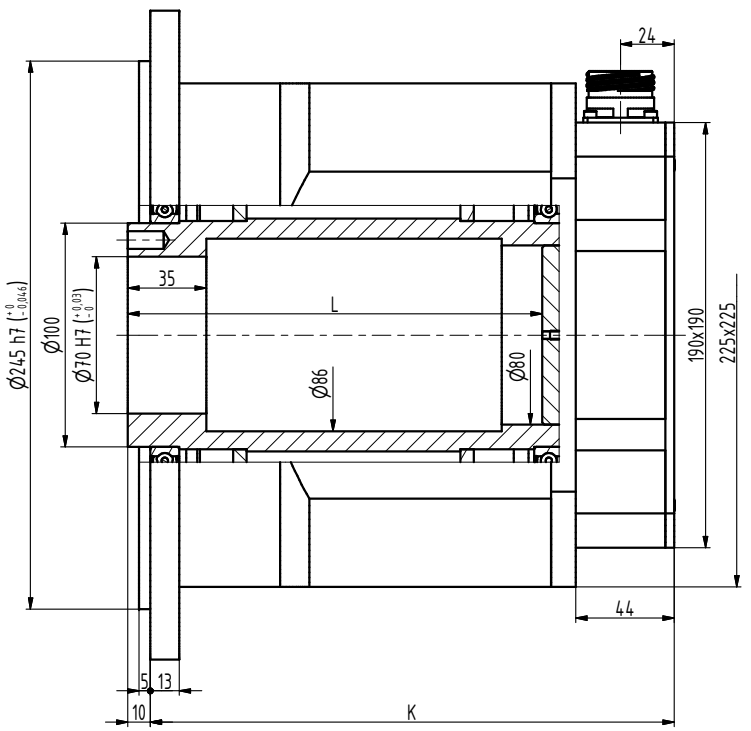
| Sensors | |
|---|---|
| Temperature | PT1000 {PT1000} |
| Feedback | EDS35 (HDSL) single-turn, 24 bits |

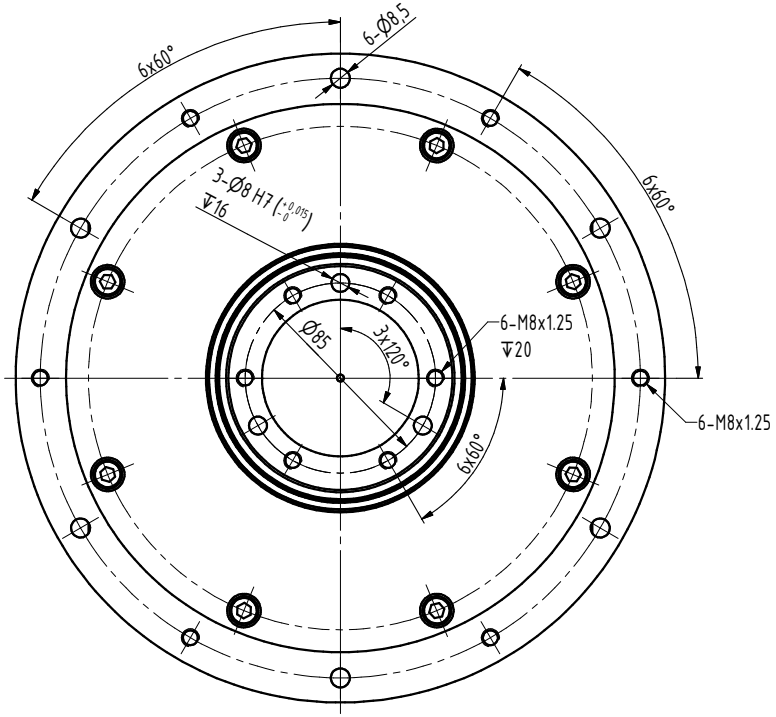
Torque / speed curve




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




| TYP | L | K |
|---|---|---|
| Q5-0280 | 95 | 144 |
| Q5-0545 | 125 | 174 |
| Q5-0810 | 155 | 204 |
| Q5-1070 | 185 | 234 |
| Q5-1340 | 215 | 264 |

| 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. | | | | | |
| TECHNOL. | SCHVÁLIL Ošlejšek | 13.01.2023 | STARÝ V. | Č.V. | |
| NÁZEV | | | | | |
| Motor Q5 | | | Q5007 00 Z | | |
| | | | Listů | List | |