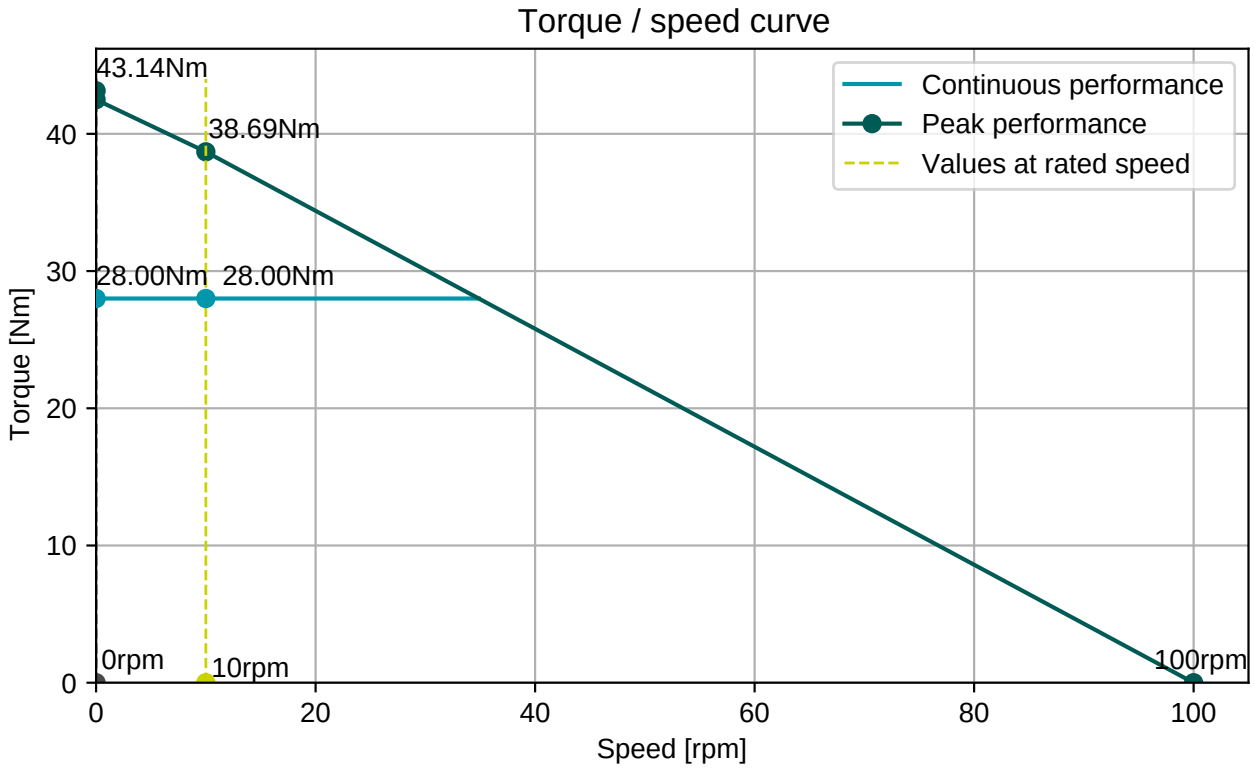
| Engineering data (WIN -100028) | | |
|---|---|---|
| DC bus voltage | 28 | V DC |
| Nominal AC voltage | 19 | V AC (rms) |
| Rated voltage | 14 | V AC (rms) |
| Rated power | 29 | W |
| Rated speed | 10 | rpm |
| Rated torque | 28.00 | Nm |
| Rated current | 9.63 | A (rms) |
| Peak torque | 43.14 | Nm |
| Peak current | 14.49 | A (rms) |
| Stall torque | 28 | Nm |
| Stall current | 9.4 | A (rms) |
| No load speed | 100 | rpm |
| EMF constant ±10% | 180 | V AC (rms) / 1000rpm |
| Theoretical torque constant ±10% | 2.98 | Nm / A (rms) |
| Torque constant ±10% @ rated load | 2.91 | Nm / A (rms) |
| Number of poles | 38 | |
| Electrical time constant | 2.44 | ms |
| Winding terminal resistance | 1.08 | Ω |
| Rotary field terminal inductance | 2.64 | mH |

| Customs info | |
|---|---|
| HS Code | 85015100 |

| Mechanical data (setting 6) | | |
|---|---|---|
| Max mechanical speed | 4000 | rpm |
| Mech. time constant | 1.92 | ms |
| Thermal time constant | 51 | min |
| Rotor inertia | 91.2 | kgcm² |
| Protection | IP00 | |
| Color | RAL 9005 | |
| Cooling | Convection | |
| Motor-only mass | 5 | kg |

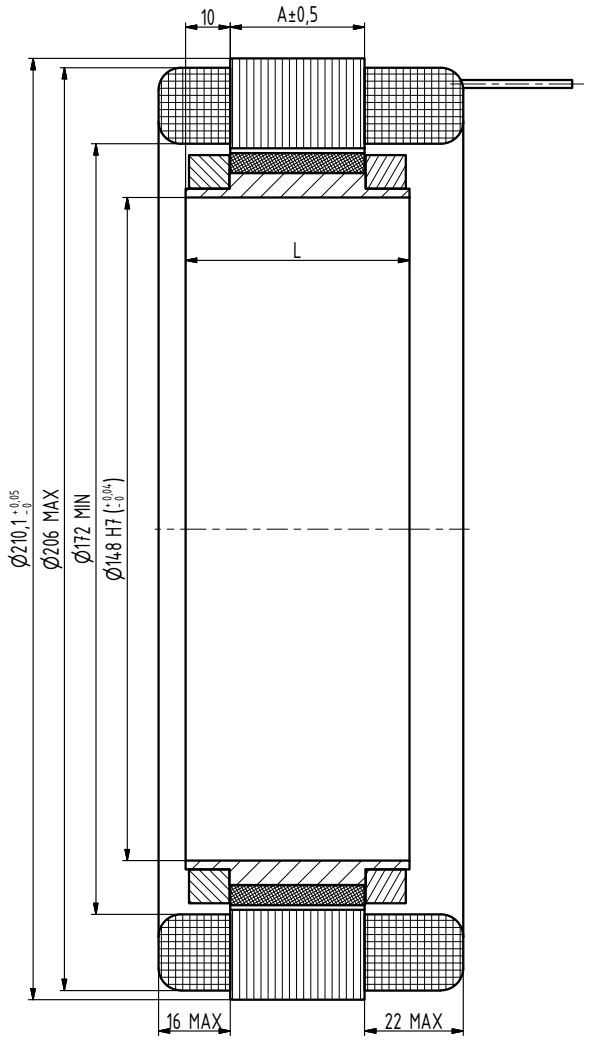
| Sensors | |
|---|---|
| Temperature | 3x PT1000 separately routed {3 x PT1000} |

| Note |
|---|
| Preliminary |




| Connector 1 (322) | |
|---|---|
| **white** | U |
| **blue** | V |
| **red** | W |

*2x Therm*




| TYP | A | L |
|---|---|---|
| Q5-0280 | 30 | 50 |
| Q5-0545 | 60 | 80 |
| Q5-0810 | 90 | 110 |
| Q5-1070 | 120 | 140 |
| Q5-1340 | 150 | 170 |

| INDEX | ZMĚNA | DATUM | PODPIS |
|---|---|---|---|
| | | | |

| | | | | |
|---|---|---|---|---|
| ZN.MAT. | | T.O. | HMOTNOST kg | MĚŘ. |
| ROZM.-POLOT. | | | | |
| POM. ZAŘ. | | | ČSN | TŘ.Č. |
| VYPR. Šimík | NORM.REF. | | POZN. | Č. KUSOVNÍKU |
| PŘEKR. | | | | |
| TECHNOL. | SCHVÁLIL Ošlejšek | 19.10.2016 | STARÝ V. | Č.V. |

NÁZEV
Motor Q5

Q5000 00 Z

Listů List