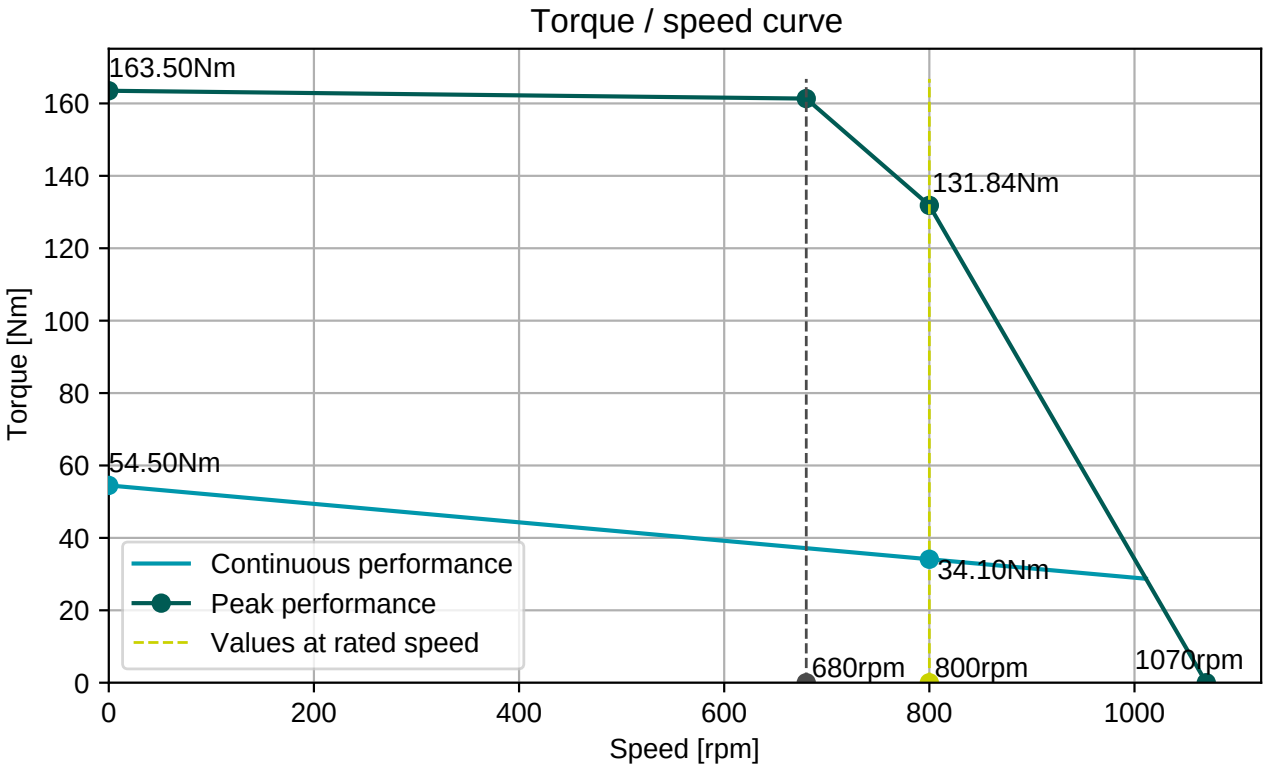
| Engineering data (WIN -506) | | |
|---|---|---|
| DC bus voltage | 560 | V DC |
| Nominal AC voltage | 380 | V AC (rms) |
| Rated voltage | 298 | V AC (rms) |
| Rated power | 2.9 | kW |
| Rated speed | 800 | rpm |
| Rated torque | 34.10 | Nm |
| Rated current | 6.24 | A (rms) |
| Peak torque | 163.5 | Nm |
| Peak current | 33.57 | A (rms) |
| Stall torque | 54.5 | Nm |
| Stall current | 9.33 | A (rms) |
| No load speed | 1070 | rpm |
| EMF constant ±10% | 353 | V AC (rms) / 1000rpm |
| Theoretical torque constant ±10% | 5.84 | Nm / A (rms) |
| Torque constant ±10% @ rated load | 5.46 | Nm / A (rms) |
| Number of poles | 38 | |
| Electrical time constant | 3.26 | ms |
| Winding terminal resistance | 1.55 | Ω |
| Rotary field terminal inductance | 5.05 | mH |

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

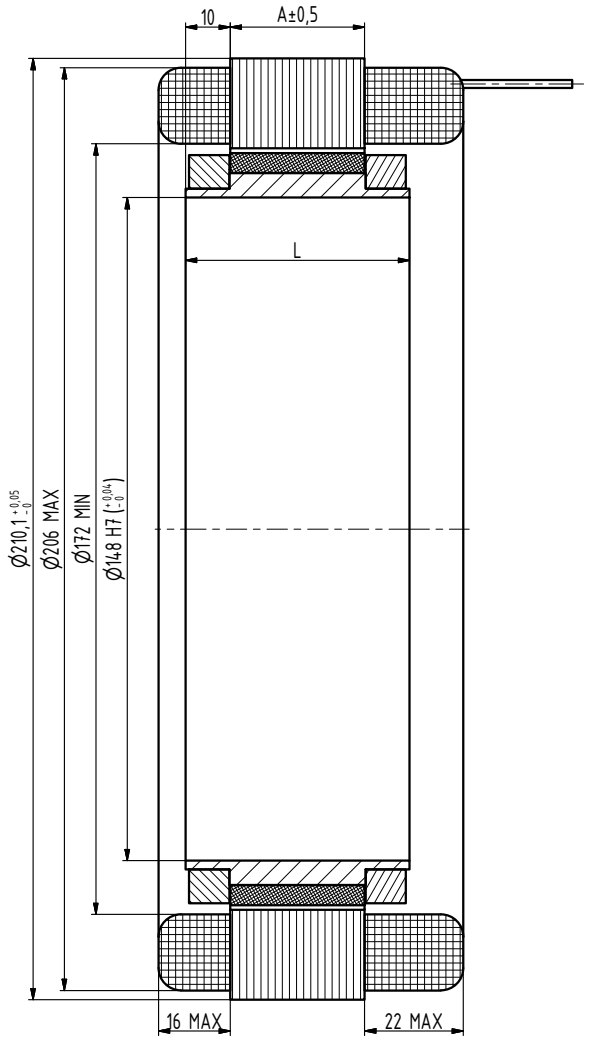
| Mechanical data (setting 6) | | |
|---|---|---|
| Max mechanical speed | 4000 | rpm |
| Mech. time constant | 1.27 | ms |
| Thermal time constant | 61 | min |
| Rotor inertia | 161 | kgcm² |
| Protection | IP00 | |
| Color | RAL 9005 | |
| Cooling | Convection | |
| Motor-only mass | 8.6 | kg |

| Sensors | |
|---|---|
| Temperature | PT1000 {PT1000} |




| Connector 1 (259) | |
|---|---|
| **white** | U |
| **blue** | V |
| **red** | W |

*2x Therm*
*2x Brake*




| 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