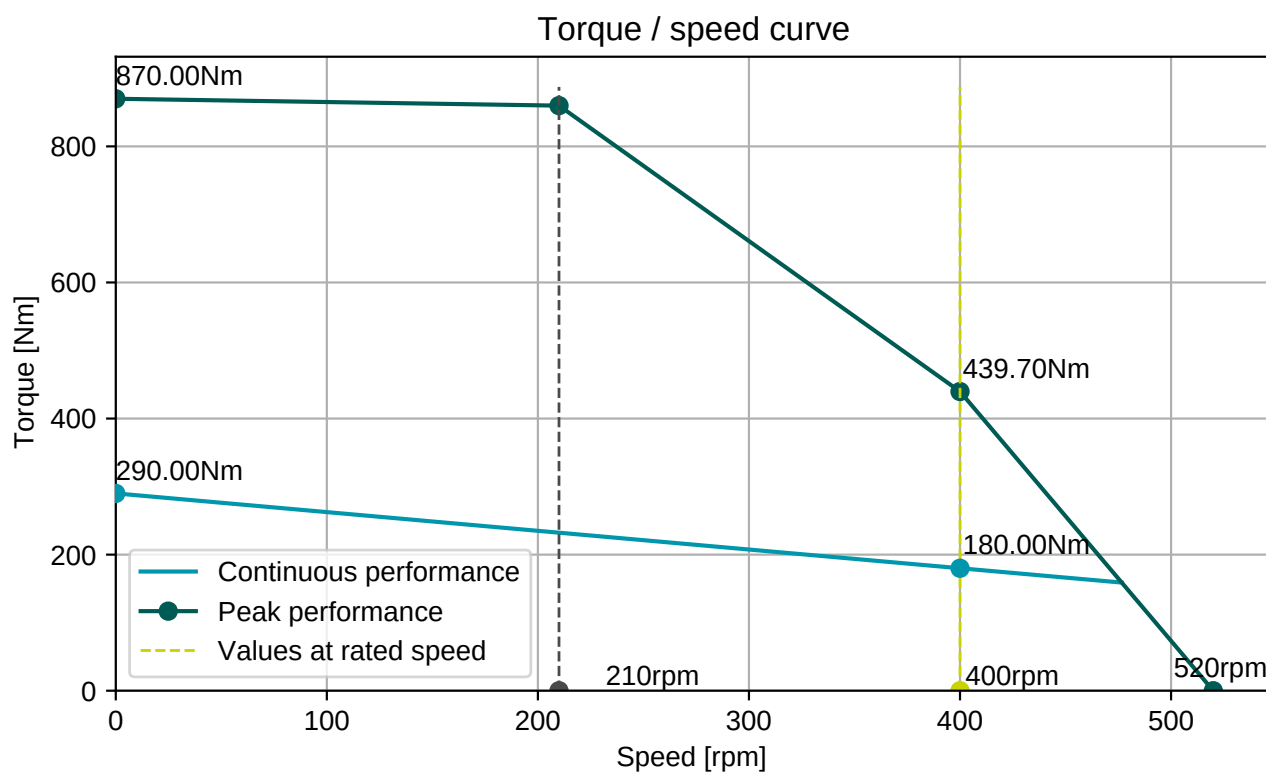


| Engineering data (WIN -707)          |                             | Mechanical data (setting 6) |                        |
|--------------------------------------|-----------------------------|-----------------------------|------------------------|
| DC bus voltage                       | 560 V DC                    | Max mechanical speed        | 2000 rpm               |
| Nominal AC voltage                   | 380 V AC (rms)              | Mech. time constant         | 0.73 ms                |
| Rated voltage                        | 311 V AC (rms)              | Thermal time constant       | 80 min                 |
| Rated power                          | 7.5 kW                      | Rotor inertia               | 1635 kgcm <sup>2</sup> |
| Rated speed                          | 400 rpm                     | Protection                  | IP00                   |
| Rated torque                         | 180.00 Nm                   | Color                       | RAL 9005               |
| Rated current                        | 15.9 A (rms)                | Cooling                     | Convection             |
| Peak torque                          | 870 Nm                      | Motor-only mass             | 30.1 kg                |
| Peak current                         | 103.31 A (rms)              | <b>Sensors</b>              |                        |
| Stall torque                         | 290 Nm                      | Temperature                 | PT1000 {PT1000}        |
| Stall current                        | 24.25 A (rms)               |                             |                        |
| No load speed                        | 520 rpm                     |                             |                        |
| EMF constant ±10%                    | 723 V AC (rms)<br>/ 1000rpm |                             |                        |
| Theoretical torque constant ±10%     | 11.96 Nm / A<br>(rms)       |                             |                        |
| Torque constant ±10%<br>@ rated load | 11.32 Nm / A<br>(rms)       |                             |                        |
| Number of poles                      | 52                          |                             |                        |
| Electrical time constant             | 14.89 ms                    |                             |                        |
| Winding terminal resistance          | 0.37 Ω                      |                             |                        |
| Rotary field terminal inductance     | 5.51 mH                     |                             |                        |
| Customs info                         |                             |                             |                        |
| HS Code                              | 85015230                    |                             |                        |



#### Connector 1 (259)

**white** U

**blue** V

**red** W

2x Therm

2x Brake

