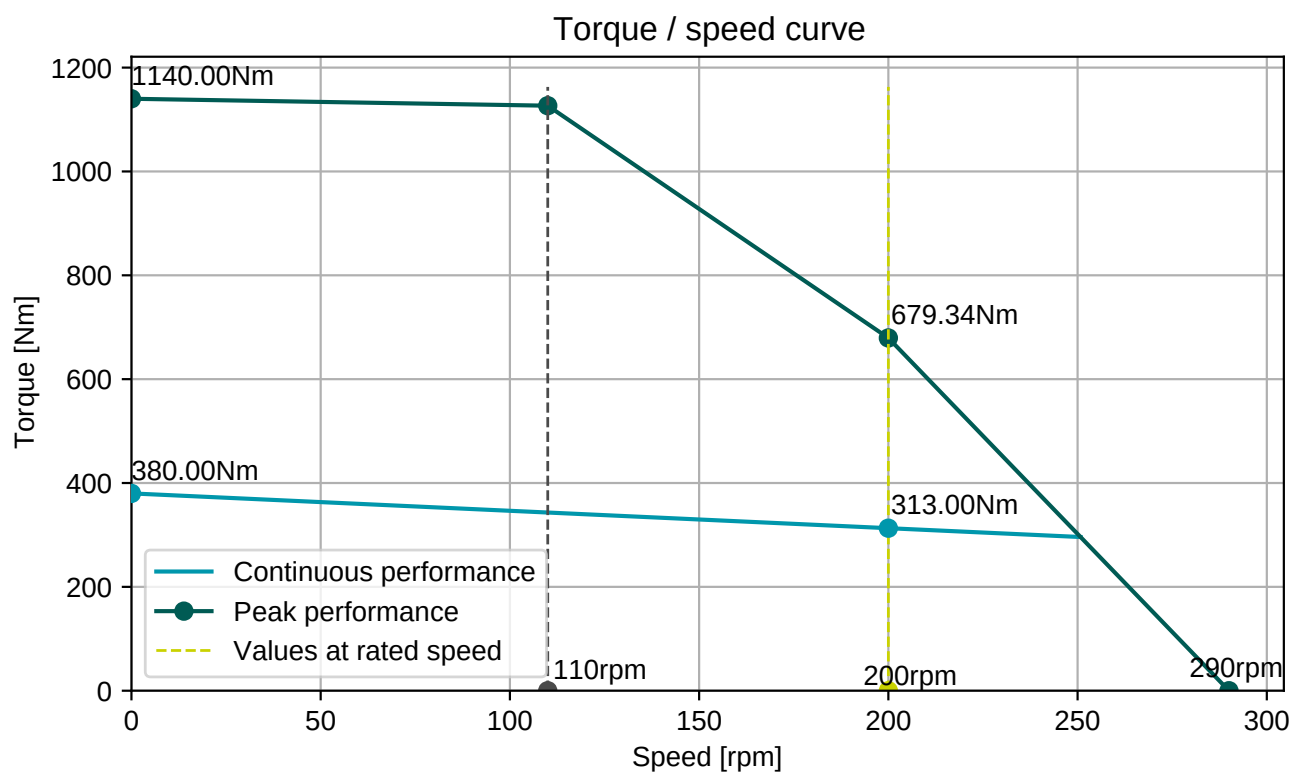


| Engineering data (WIN -703)          |                             | Mechanical data (setting 6) |                        |
|--------------------------------------|-----------------------------|-----------------------------|------------------------|
| DC bus voltage                       | 320 V DC                    | Max mechanical speed        | 2000 rpm               |
| Nominal AC voltage                   | 220 V AC (rms)              | Mech. time constant         | 0.66 ms                |
| Rated voltage                        | 174 V AC (rms)              | Thermal time constant       | 91 min                 |
| Rated power                          | 6.6 kW                      | Rotor inertia               | 2180 kgcm <sup>2</sup> |
| Rated speed                          | 200 rpm                     | Protection                  | IP00                   |
| Rated torque                         | 313.00 Nm                   | Color                       | RAL 9005               |
| Rated current                        | 25.83 A (rms)               | Cooling                     | Convection             |
| Peak torque                          | 1140 Nm                     | Motor-only mass             | 39 kg                  |
| Peak current                         | 128.11 A (rms)              | <b>Sensors</b>              |                        |
| Stall torque                         | 380 Nm                      | Temperature                 | PT1000 {PT1000}        |
| Stall current                        | 30.07 A (rms)               |                             |                        |
| No load speed                        | 290 rpm                     |                             |                        |
| EMF constant ±10%                    | 764 V AC (rms)<br>/ 1000rpm |                             |                        |
| Theoretical torque<br>constant ±10%  | 12.64 Nm / A<br>(rms)       |                             |                        |
| Torque constant ±10%<br>@ rated load | 12.12 Nm / A<br>(rms)       |                             |                        |
| Number of poles                      | 52                          |                             |                        |
| Electrical time constant             | 16.50 ms                    |                             |                        |
| Winding terminal<br>resistance       | 0.28 Ω                      |                             |                        |
| Rotary field terminal<br>inductance  | 4.62 mH                     |                             |                        |
| Customs info                         |                             |                             |                        |
| HS Code                              | 85015220                    |                             |                        |



#### Connector 1 (259)

**white** U

**blue** V

**red** W

2x Therm

2x Brake

