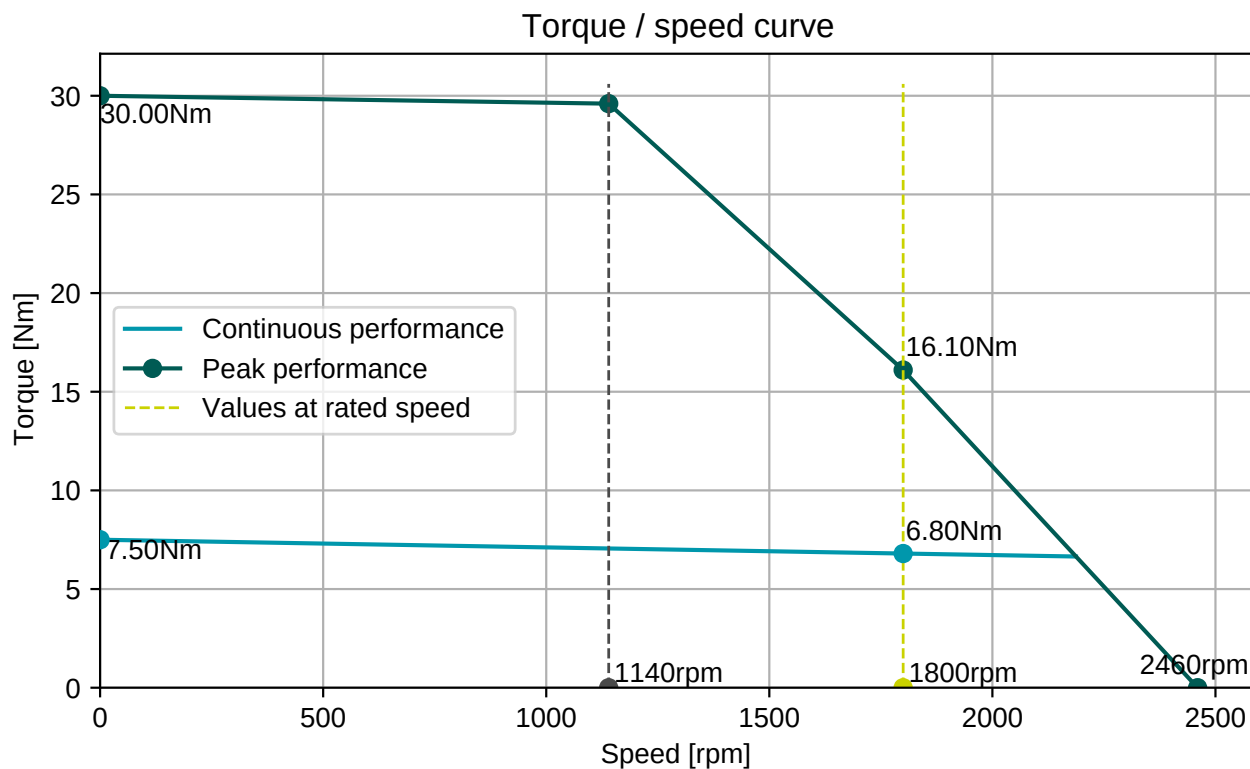


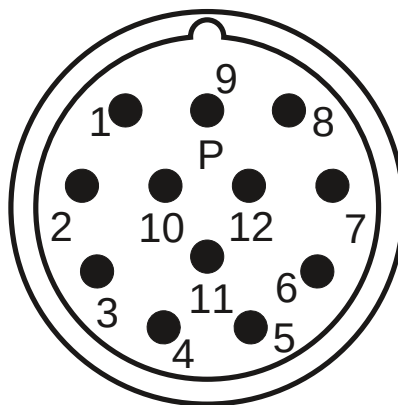
| Engineering data (WIN 156)           |                             | Mechanical data (setting 1) |                                        |
|--------------------------------------|-----------------------------|-----------------------------|----------------------------------------|
| DC bus voltage                       | 560 V DC                    | Max mechanical speed        | 12000 rpm                              |
| Nominal AC voltage                   | 330 V AC (rms)              | Mech. time constant         | 0.89 ms                                |
| Rated voltage                        | 273 V AC (rms)              | Thermal time constant       | 66 min                                 |
| Rated power                          | 1.3 kW                      | Rotor inertia               | 4.15 kgcm <sup>2</sup>                 |
| Rated speed                          | 1800 rpm                    | Protection                  | IP64                                   |
| Rated torque                         | 6.80 Nm                     | Color                       | RAL 9005                               |
| Rated current                        | 3.2 A (rms)                 | Cooling                     | Convection                             |
| Peak torque                          | 30 Nm                       | Motor-only mass             | 8.1 kg                                 |
| Peak current                         | 15.6 A (rms)                | <b>Sensors</b>              |                                        |
| Stall torque                         | 7.5 Nm                      | Temperature                 | PTC 111-K13 {PTC 111-K13<br>Reissmann} |
| Stall current                        | 3.38 A (rms)                | Feedback                    | 6-poles resolver RE-15-3-A14           |
| No load speed                        | 2460 rpm                    |                             |                                        |
| EMF constant ±10%                    | 134 V AC (rms)<br>/ 1000rpm |                             |                                        |
| Theoretical torque<br>constant ±10%  | 2.22 Nm / A<br>(rms)        |                             |                                        |
| Torque constant ±10%<br>@ rated load | 2.12 Nm / A<br>(rms)        |                             |                                        |
| Number of poles                      | 6                           |                             |                                        |
| Electrical time constant             | 6.18 ms                     |                             |                                        |
| Winding terminal<br>resistance       | 6.1 Ω                       |                             |                                        |
| Rotary field terminal<br>inductance  | 37.7 mH                     |                             |                                        |
| Customs info                         |                             |                             |                                        |
| HS Code                              | 85015220                    |                             |                                        |


**BFC110N00000207000**

M23, 8 poles, rectangular


**AFC114N00000214000**

M23, 12 poles, rectangular


**Connector 1 (3)**

|   |        |
|---|--------|
| 1 | U      |
| 4 | V      |
| 3 | W      |
| 2 | PE     |
| A |        |
| B |        |
| C | Brake+ |
| D | Brake- |

**Connector 2 (4)**

|   |        |
|---|--------|
| 4 | S1     |
| 8 | S3     |
| 3 | S4     |
| 7 | S2     |
| 5 | R2     |
| 9 | R1     |
| 2 | Therm+ |
| 6 | Therm- |

