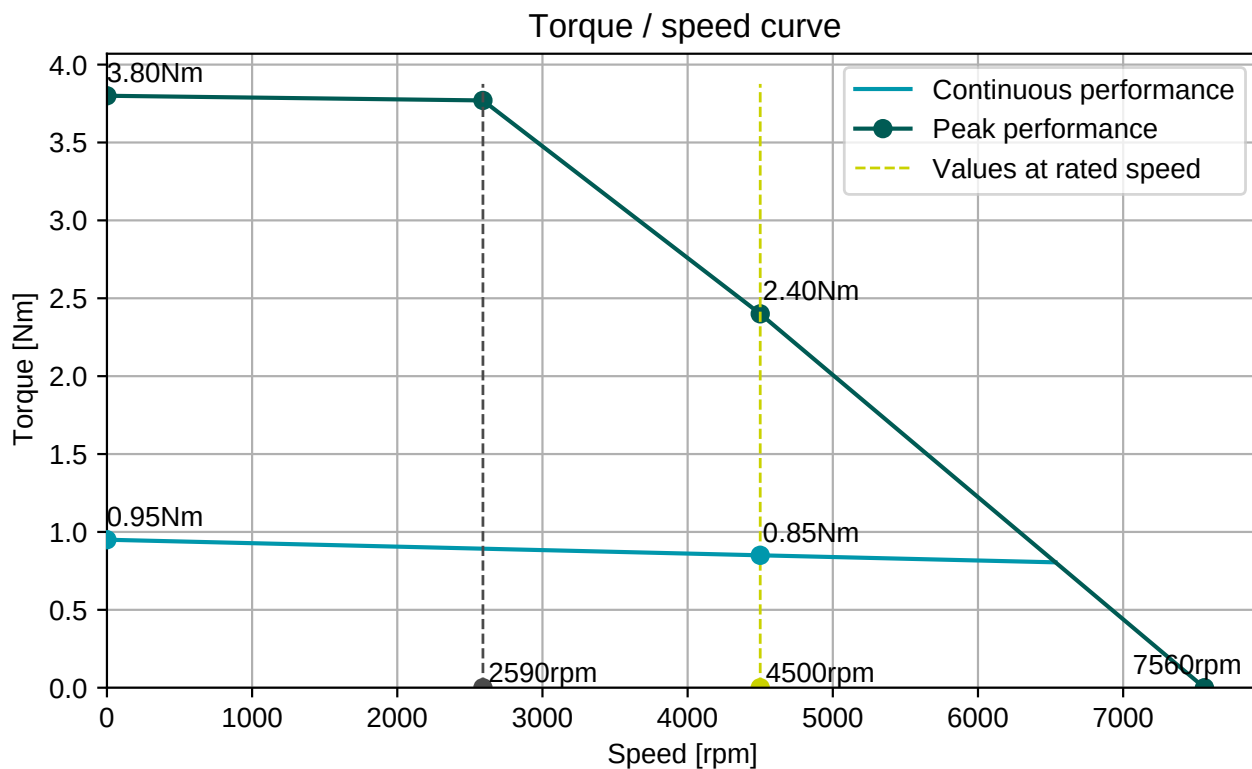
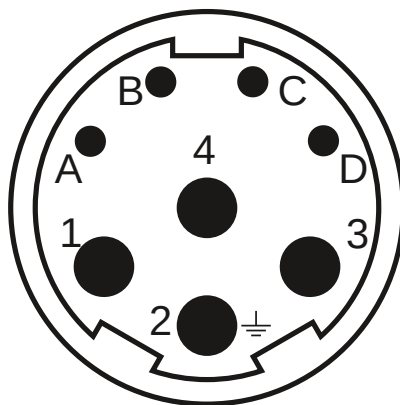


| Engineering data (WIN 787)           |                            | Mechanical data (setting 48)                                                                    |                        |
|--------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                       | 560 V DC                   | Max mechanical speed                                                                            | 12000 rpm              |
| Nominal AC voltage                   | 380 V AC (rms)             | Mech. time constant                                                                             | 0.93 ms                |
| Rated voltage                        | 274 V AC (rms)             | Thermal time constant                                                                           | 18 min                 |
| Rated power                          | 401 W                      | Rotor inertia                                                                                   | 0.11 kgcm <sup>2</sup> |
| Rated speed                          | 4500 rpm                   | Protection                                                                                      | IP64                   |
| Rated torque                         | 0.85 Nm                    | Color                                                                                           | RAL 9005               |
| Rated current                        | 1.07 A (rms)               | Cooling                                                                                         | Convection             |
| Peak torque                          | 3.8 Nm                     | Motor-only mass                                                                                 | 1.27 kg                |
| Peak current                         | 5.3 A (rms)                | Max. axial force 20kh                                                                           | 42 N                   |
| Stall torque                         | 0.95 Nm                    | Max. radial force 20kh                                                                          | 222 N*                 |
| Stall current                        | 1.15 A (rms)               | Max. axial force 100kh                                                                          | 25 N                   |
| No load speed                        | 7560 rpm                   | Max. radial force 100kh                                                                         | 130 N*                 |
| EMF constant ±10%                    | 50 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                          |                        |
| Theoretical torque constant ±10%     | 0.83 Nm / A<br>(rms)       |                                                                                                 |                        |
| Torque constant ±10%<br>@ rated load | 0.79 Nm / A<br>(rms)       | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback EKM36 (HDSL) multi-turn, 17 + 12 bits |                        |
| Number of poles                      | 6                          |                                                                                                 |                        |
| Electrical time constant             | 1.44 ms                    |                                                                                                 |                        |
| Winding terminal resistance          | 33.57 Ω                    |                                                                                                 |                        |
| Rotary field terminal inductance     | 48.5 mH                    |                                                                                                 |                        |
| Customs info                         |                            |                                                                                                 |                        |
| HS Code                              | 85015100                   |                                                                                                 |                        |



**BEA120N00000200000**

M23, 8 poles, straight



#### Connector 1 (283)

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

