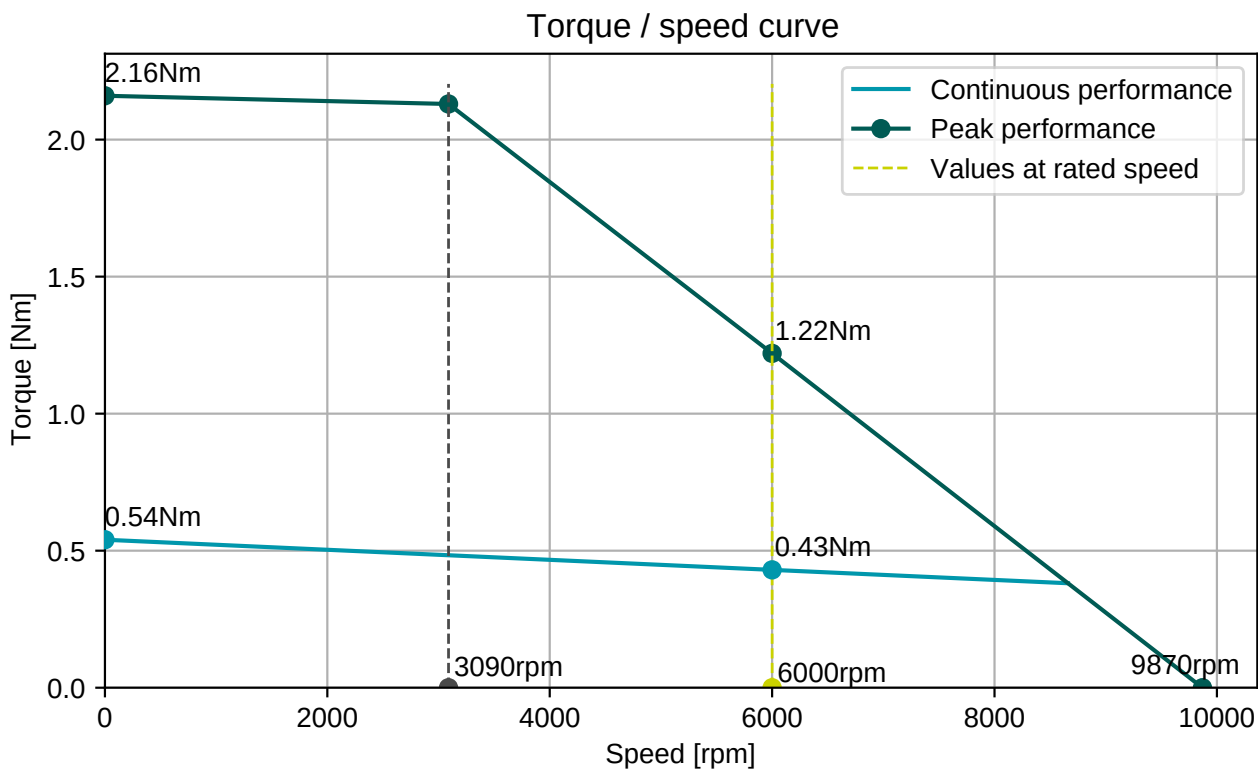
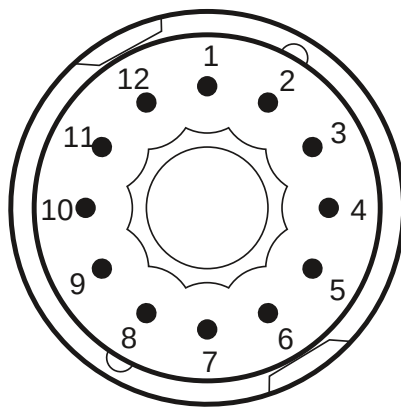
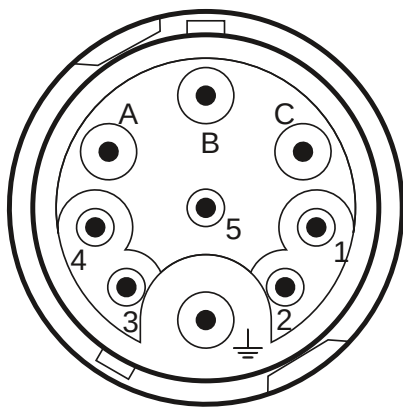


| Engineering data (WIN 750)        |                            | Mechanical data (setting 5)                                   |                                                        |
|-----------------------------------|----------------------------|---------------------------------------------------------------|--------------------------------------------------------|
| DC bus voltage                    | 320 V DC                   | Max mechanical speed                                          | 12000 rpm                                              |
| Nominal AC voltage                | 220 V AC (rms)             | Mech. time constant                                           | 1.45 ms                                                |
| Rated voltage                     | 161 V AC (rms)             | Thermal time constant                                         | 12 min                                                 |
| Rated power                       | 270 W                      | Rotor inertia                                                 | 0.07 kgcm <sup>2</sup>                                 |
| Rated speed                       | 6000 rpm                   | Protection                                                    | IP64                                                   |
| Rated torque                      | 0.43 Nm                    | Color                                                         | RAL 9005                                               |
| Rated current                     | 1.3 A (rms)                | Cooling                                                       | Convection                                             |
| Peak torque                       | 2.16 Nm                    | Max. axial force 20kh                                         | 35 N                                                   |
| Peak current                      | 6.8 A (rms)                | Max. radial force 20kh                                        | 186 N*                                                 |
| Stall torque                      | 0.54 Nm                    | Max. axial force 100kh                                        | 21 N                                                   |
| Stall current                     | 1.48 A (rms)               | Max. radial force 100kh                                       | 109 N*                                                 |
| No load speed                     | 9870 rpm                   | <i>* Defined for point of action at ½ output shaft length</i> |                                                        |
| EMF constant ±10%                 | 22 V AC (rms)<br>/ 1000rpm | Sensors                                                       |                                                        |
| Theoretical torque constant ±10%  | 0.36 Nm / A (rms)          | Temperature                                                   | PTC 111-K13 {PTC 111-K13 Reissmann}                    |
| Torque constant ±10% @ rated load | 0.33 Nm / A (rms)          | Feedback                                                      | 2-pole resolver ( ER5Kd411, TS2620N21E11, RE-15-1-A15) |
| Number of poles                   | 6                          |                                                               |                                                        |
| Electrical time constant          | 1.25 ms                    |                                                               |                                                        |
| Winding terminal resistance       | 15.82 Ω                    |                                                               |                                                        |
| Rotary field terminal inductance  | 19.8 mH                    |                                                               |                                                        |
| Customs info                      |                            |                                                               |                                                        |
| HS Code                           | 85015100                   |                                                               |                                                        |



**EGA101N00000001000**  
 2x M15, 9 and 12 poles rotary



**Connector 1 (226)**

|           |        |
|-----------|--------|
| <b>A</b>  | U      |
| <b>B</b>  | V      |
| <b>C</b>  | W      |
| <b>PE</b> | PE     |
| <b>1</b>  | Brake+ |
| <b>2</b>  | Brake- |

**Connector 2 (227)**

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

