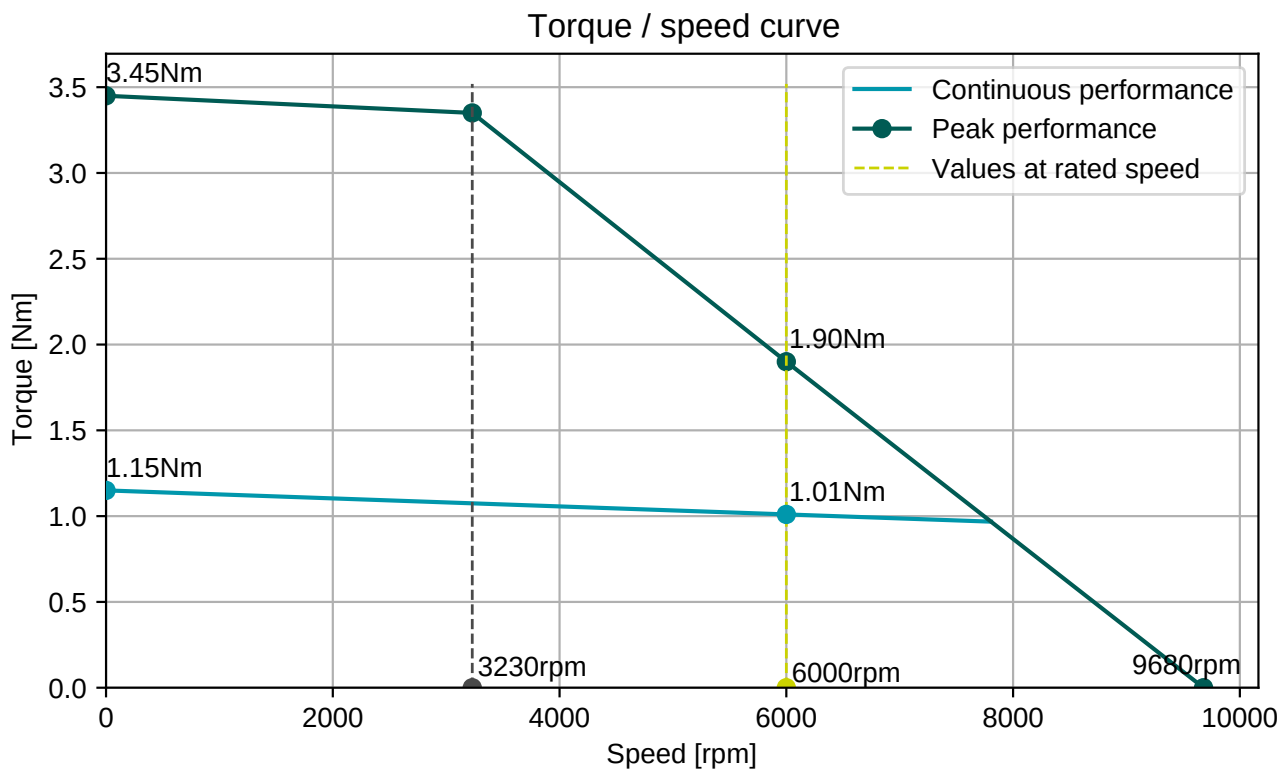
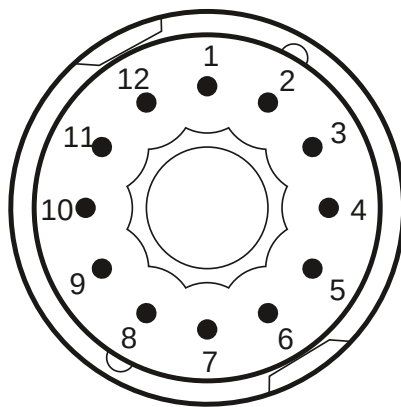
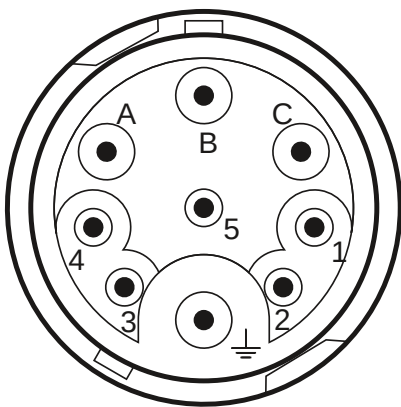


| Engineering data (WIN 719)        |                            | Mechanical data (setting 5)                            |                                                           |
|-----------------------------------|----------------------------|--------------------------------------------------------|-----------------------------------------------------------|
| DC bus voltage                    | 560 V DC                   | Max mechanical speed                                   | 12000 rpm                                                 |
| Nominal AC voltage                | 380 V AC (rms)             | Mech. time constant                                    | 1.38 ms                                                   |
| Rated voltage                     | 269 V AC (rms)             | Thermal time constant                                  | 21 min                                                    |
| Rated power                       | 635 W                      | Rotor inertia                                          | 0.31 kgcm <sup>2</sup>                                    |
| Rated speed                       | 6000 rpm                   | Protection                                             | IP64                                                      |
| Rated torque                      | 1.01 Nm                    | Color                                                  | RAL 9005                                                  |
| Rated current                     | 1.99 A (rms)               | Cooling                                                | Convection                                                |
| Peak torque                       | 3.45 Nm                    | Motor-only mass                                        | 1.5 kg                                                    |
| Peak current                      | 7.8 A (rms)                | Max. axial force 20kh                                  | 45 N                                                      |
| Stall torque                      | 1.15 Nm                    | Max. radial force 20kh                                 | 237 N*                                                    |
| Stall current                     | 1.78 A (rms)               | Max. axial force 100kh                                 | 26 N                                                      |
| No load speed                     | 9680 rpm                   | Max. radial force 100kh                                | 139 N*                                                    |
| EMF constant ±10%                 | 39 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                                           |
| Theoretical torque constant ±10%  | 0.65 Nm / A<br>(rms)       | Sensors                                                |                                                           |
| Torque constant ±10% @ rated load | 0.51 Nm / A<br>(rms)       | Temperature                                            | PT1000 {PT1000}                                           |
| Number of poles                   | 10                         | Feedback                                               | 2-pole resolver ( ER5Kd411,<br>TS2620N21E11, RE-15-1-A15) |
| Electrical time constant          | 2.15 ms                    | Brake                                                  |                                                           |
| Winding terminal resistance       | 10.71 Ω                    | Braking torque                                         | 4.50 Nm                                                   |
| Rotary field terminal inductance  | 23 mH                      | Voltage                                                | 24 V DC                                                   |
| <b>Customs info</b>               |                            | Power @20°C                                            | 12.0 W                                                    |
| HS Code                           | 85015100                   | Current @20°C                                          | 0.50 A                                                    |
|                                   |                            | Inertia                                                | 0.20 kgcm <sup>2</sup>                                    |
|                                   |                            | Mass                                                   | 0.47 kg                                                   |



**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     |

