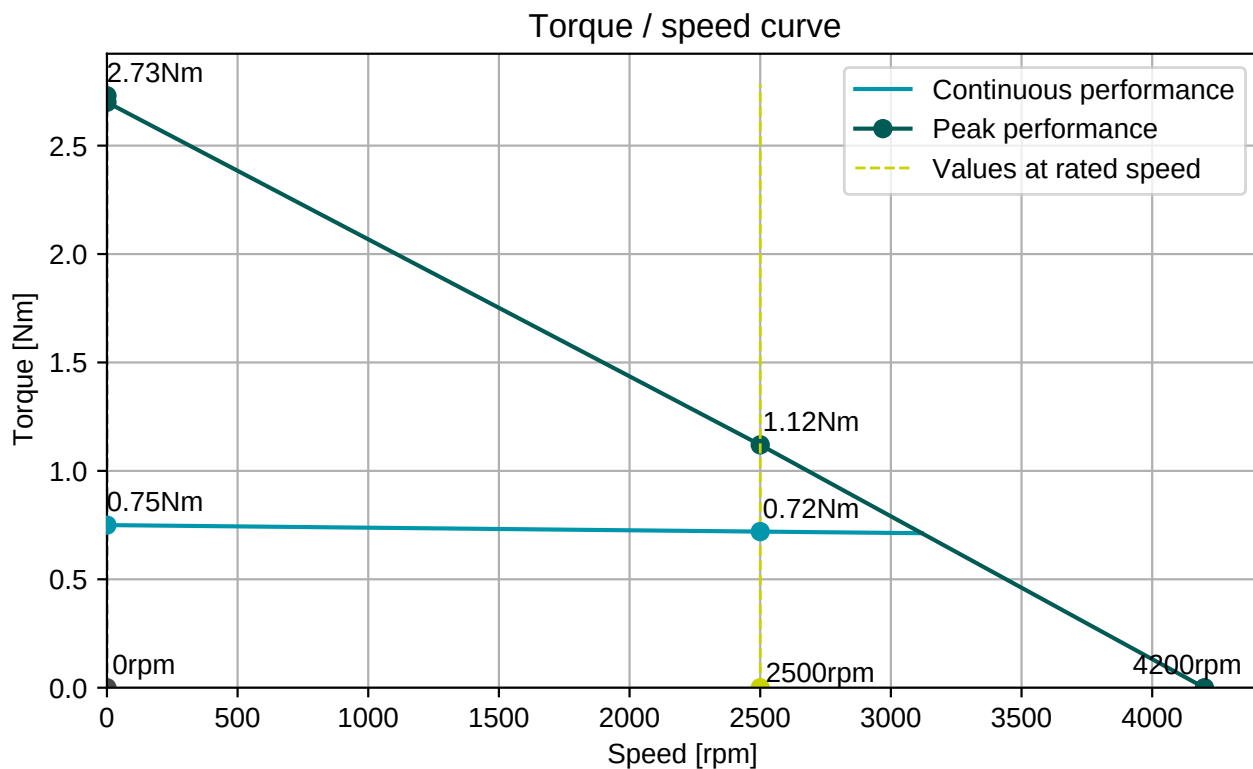
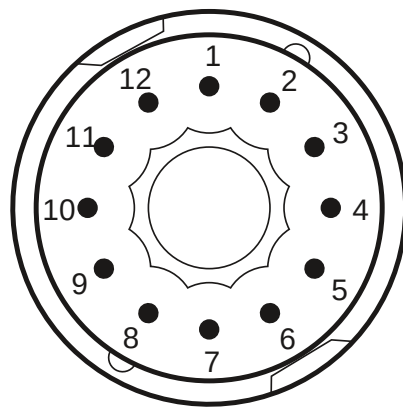
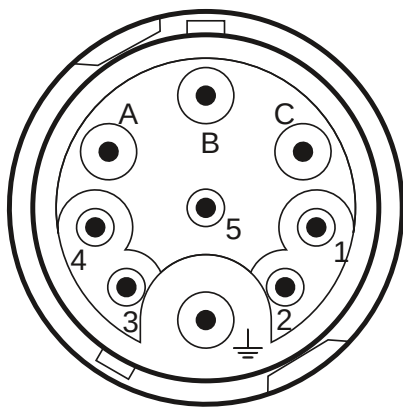


| Engineering data (WIN 795)        |                             | Mechanical data (setting 5)                                                                                      |                        |
|-----------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------|------------------------|
| DC bus voltage                    | 36 V DC                     | Max mechanical speed                                                                                             | 12000 rpm              |
| Nominal AC voltage                | 25 V AC (rms)               | Mech. time constant                                                                                              | 1.15 ms                |
| Rated voltage                     | 21 V AC (rms)               | Thermal time constant                                                                                            | 12 min                 |
| Rated power                       | 188 W                       | Rotor inertia                                                                                                    | 0.09 kgcm <sup>2</sup> |
| Rated speed                       | 2500 rpm                    | Protection                                                                                                       | IP64                   |
| Rated torque                      | 0.72 Nm                     | Color                                                                                                            | RAL 9005               |
| Rated current                     | 7.8 A (rms)                 | Cooling                                                                                                          | Convection             |
| Peak torque                       | 2.73 Nm                     | Motor-only mass                                                                                                  | 1.1 kg                 |
| Peak current                      | 31.2 A (rms)                | Max. axial force 20kh                                                                                            | 50 N                   |
| Stall torque                      | 0.75 Nm                     | Max. radial force 20kh                                                                                           | 261 N*                 |
| Stall current                     | 7.7 A (rms)                 | Max. axial force 100kh                                                                                           | 29 N                   |
| No load speed                     | 4200 rpm                    | Max. radial force 100kh                                                                                          | 153 N*                 |
| EMF constant ±10%                 | 5.9 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length                                                           |                        |
| Theoretical torque constant ±10%  | 0.1 Nm / A (rms)            |                                                                                                                  |                        |
| Torque constant ±10% @ rated load | 0.1 Nm / A (rms)            | <b>Sensors</b><br>Temperature PT1000 {PT1000}<br>Feedback 2-pole resolver ( ER5Kd411, TS2620N21E11, RE-15-1-A15) |                        |
| Number of poles                   | 6                           |                                                                                                                  |                        |
| Electrical time constant          | 1.27 ms                     |                                                                                                                  |                        |
| Winding terminal resistance       | 0.7 Ω                       |                                                                                                                  |                        |
| Rotary field terminal inductance  | 0.89 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     |

