

**Engineering data (WIN 726)**

|                                      |                            |
|--------------------------------------|----------------------------|
| DC bus voltage                       | 560 V DC                   |
| Nominal AC voltage                   | 380 V AC (rms)             |
| Rated voltage                        | 265 V AC (rms)             |
| Rated power                          | 872 W                      |
| Rated speed                          | 4500 rpm                   |
| Rated torque                         | 1.85 Nm                    |
| Rated current                        | 2.56 A (rms)               |
| Peak torque                          | 6.15 Nm                    |
| Peak current                         | 9.1 A (rms)                |
| Stall torque                         | 2.05 Nm                    |
| Stall current                        | 2.25 A (rms)               |
| No load speed                        | 6880 rpm                   |
| EMF constant ±10%                    | 55 V AC (rms)<br>/ 1000rpm |
| Theoretical torque<br>constant ±10%  | 0.91 Nm / A<br>(rms)       |
| Torque constant ±10%<br>@ rated load | 0.72 Nm / A<br>(rms)       |
| Number of poles                      | 10                         |
| Electrical time constant             | 2.51 ms                    |
| Winding terminal<br>resistance       | 8.2 Ω                      |
| Rotary field terminal<br>inductance  | 20.6 mH                    |

**Customs info**

|         |          |
|---------|----------|
| HS Code | 85015220 |
|---------|----------|

**Mechanical data (setting 5)**

|                         |                        |
|-------------------------|------------------------|
| Max mechanical speed    | 12000 rpm              |
| Mech. time constant     | 0.94 ms                |
| Thermal time constant   | 23 min                 |
| Rotor inertia           | 0.55 kgcm <sup>2</sup> |
| Protection              | IP64                   |
| Color                   | RAL 9005               |
| Cooling                 | Convection             |
| Motor-only mass         | 2.5 kg                 |
| Max. axial force 20kh   | 56 N                   |
| Max. radial force 20kh  | 293 N*                 |
| Max. axial force 100kh  | 33 N                   |
| Max. radial force 100kh | 171 N*                 |

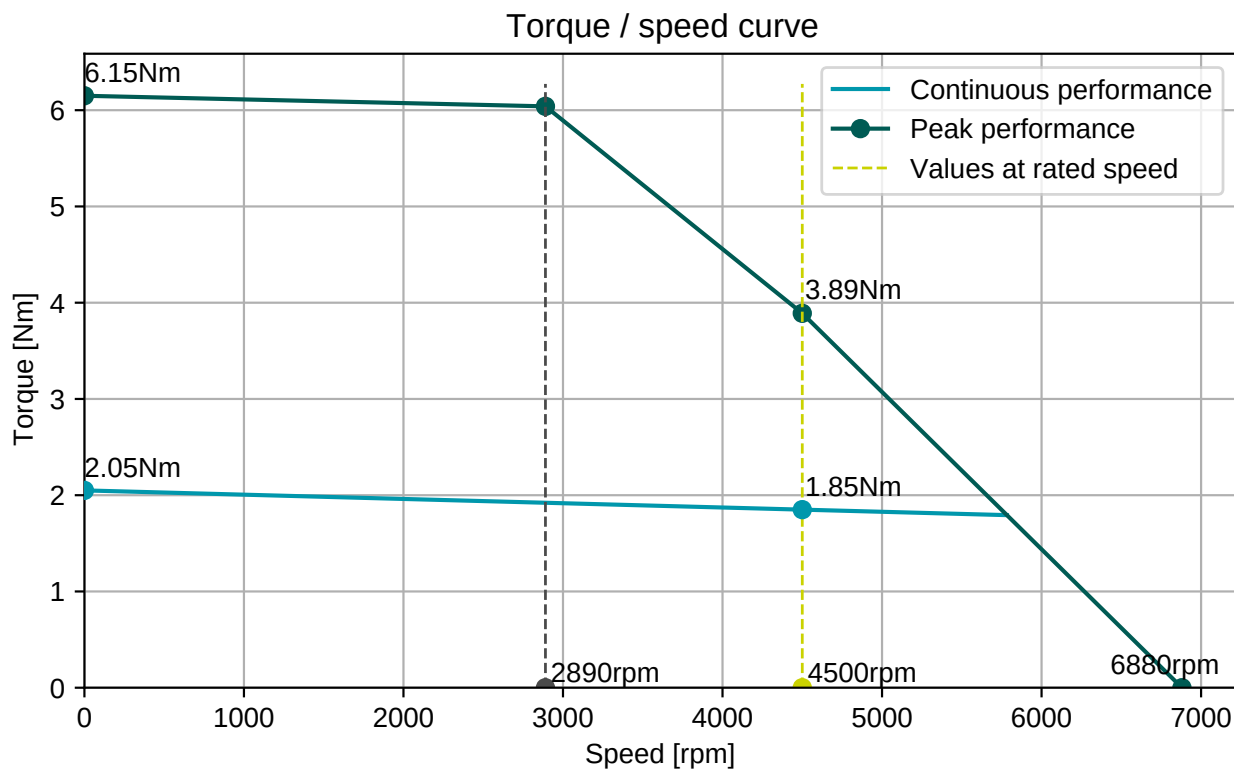
\* Defined for point of action at ½ output shaft length

**Sensors**

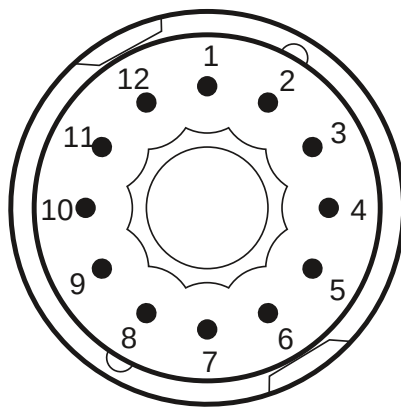
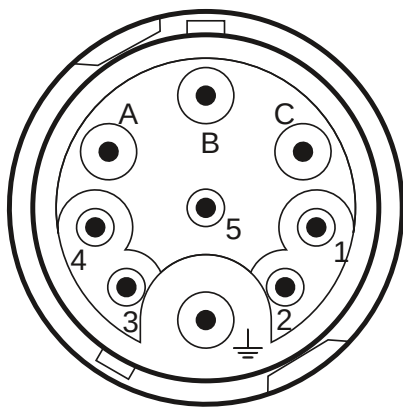
|             |                                                           |
|-------------|-----------------------------------------------------------|
| Temperature | PT1000 {PT1000}                                           |
| Feedback    | 2-pole resolver ( ER5Kd411,<br>TS2620N21E11, RE-15-1-A15) |

**Brake**

|                |                        |
|----------------|------------------------|
| Braking torque | 4.50 Nm                |
| Voltage        | 24 V DC                |
| Power @20°C    | 12.0 W                 |
| 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)**

**Connector 2 (227)**

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

|          |        |
|----------|--------|
| <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     |

