

Engineering data (WIN 796)

DC bus voltage	320 V DC
Nominal AC voltage	220 V AC (rms)
Rated voltage	176 V AC (rms)
Rated power	286 W
Rated speed	3000 rpm
Rated torque	0.91 Nm
Rated current	1.3 A (rms)
Peak torque	3.8 Nm
Peak current	6 A (rms)
Stall torque	0.95 Nm
Stall current	1.31 A (rms)
No load speed	4960 rpm
EMF constant ±10%	44 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.73 Nm / A (rms)
Torque constant ±10% @ rated load	0.70 Nm / A (rms)
Number of poles	6
Electrical time constant	1.45 ms
Winding terminal resistance	25.59 Ω
Rotary field terminal inductance	37.1 mH

Customs info

HS Code	85015100
---------	----------

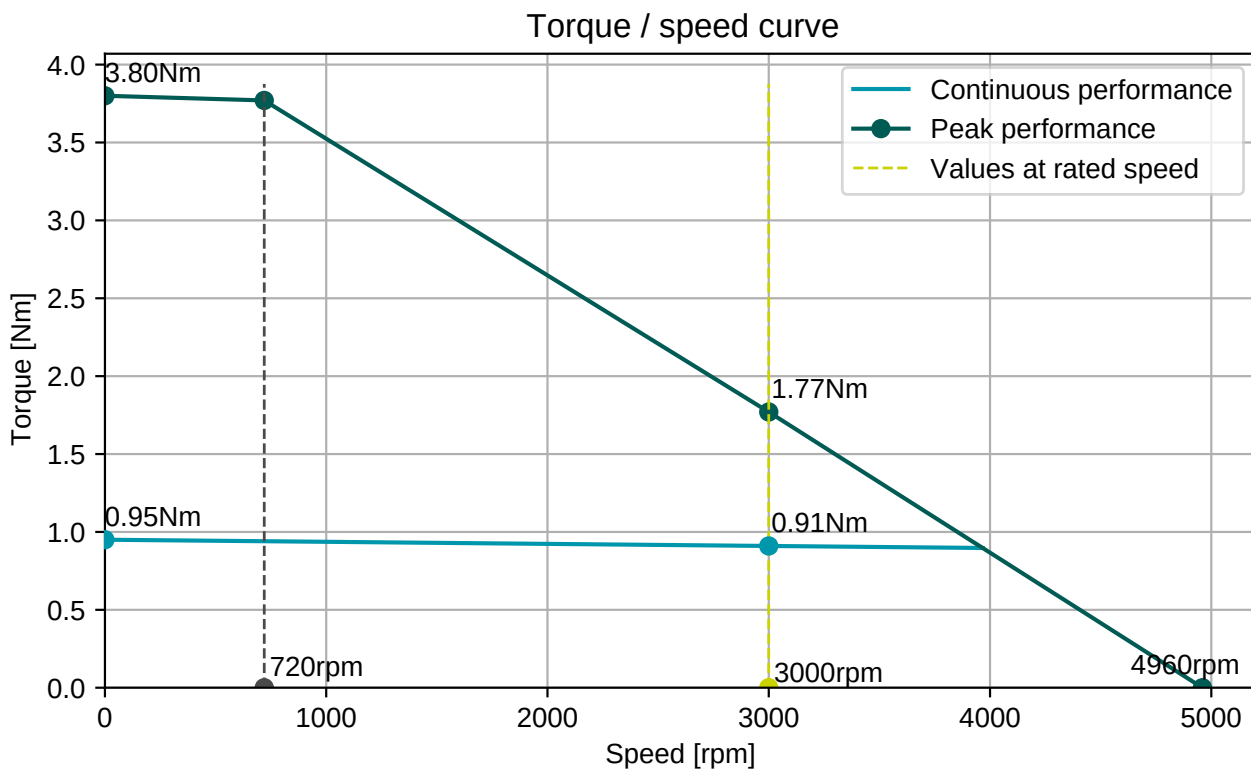
Mechanical data (setting 5)

Max mechanical speed	12000 rpm
Mech. time constant	0.92 ms
Thermal time constant	18 min
Rotor inertia	0.11 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	48 N
Max. radial force 20kh	254 N*
Max. axial force 100kh	28 N
Max. radial force 100kh	148 N*

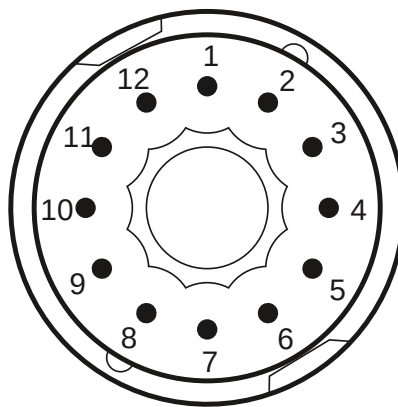
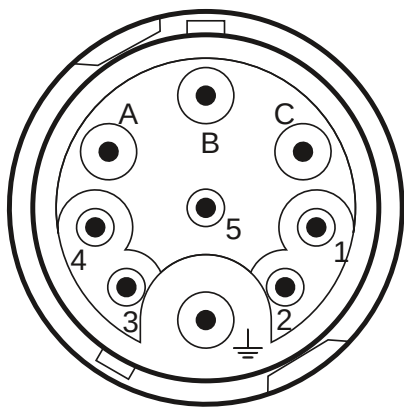
* Defined for point of action at ½ output shaft length

Sensors

Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)



EGA101N00000001000
 2x M15, 9 and 12 poles rotary



Connector 1 (226)

A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-

Connector 2 (227)

2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1

