

Engineering data (WIN 769)

DC bus voltage	36 V DC
Nominal AC voltage	25 V AC (rms)
Rated voltage	19 V AC (rms)
Rated power	146 W
Rated speed	1500 rpm
Rated torque	0.93 Nm
Rated current	7.45 A (rms)
Peak torque	3.06 Nm
Peak current	25.3 A (rms)
Stall torque	0.95 Nm
Stall current	7.3 A (rms)
No load speed	3160 rpm
EMF constant ±10%	7.8 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.13 Nm / A (rms)
Torque constant ±10% @ rated load	0.12 Nm / A (rms)
Number of poles	6
Electrical time constant	1.36 ms
Winding terminal resistance	0.87 Ω
Rotary field terminal inductance	1.18 mH

Customs info

HS Code	85015100
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Mechanical data (setting 5)

Max mechanical speed	12000 rpm
Mech. time constant	1.00 ms
Thermal time constant	18 min
Rotor inertia	0.11 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	1.7 kg
Max. axial force 20kh	63 N
Max. radial force 20kh	332 N*
Max. axial force 100kh	37 N
Max. radial force 100kh	194 N*

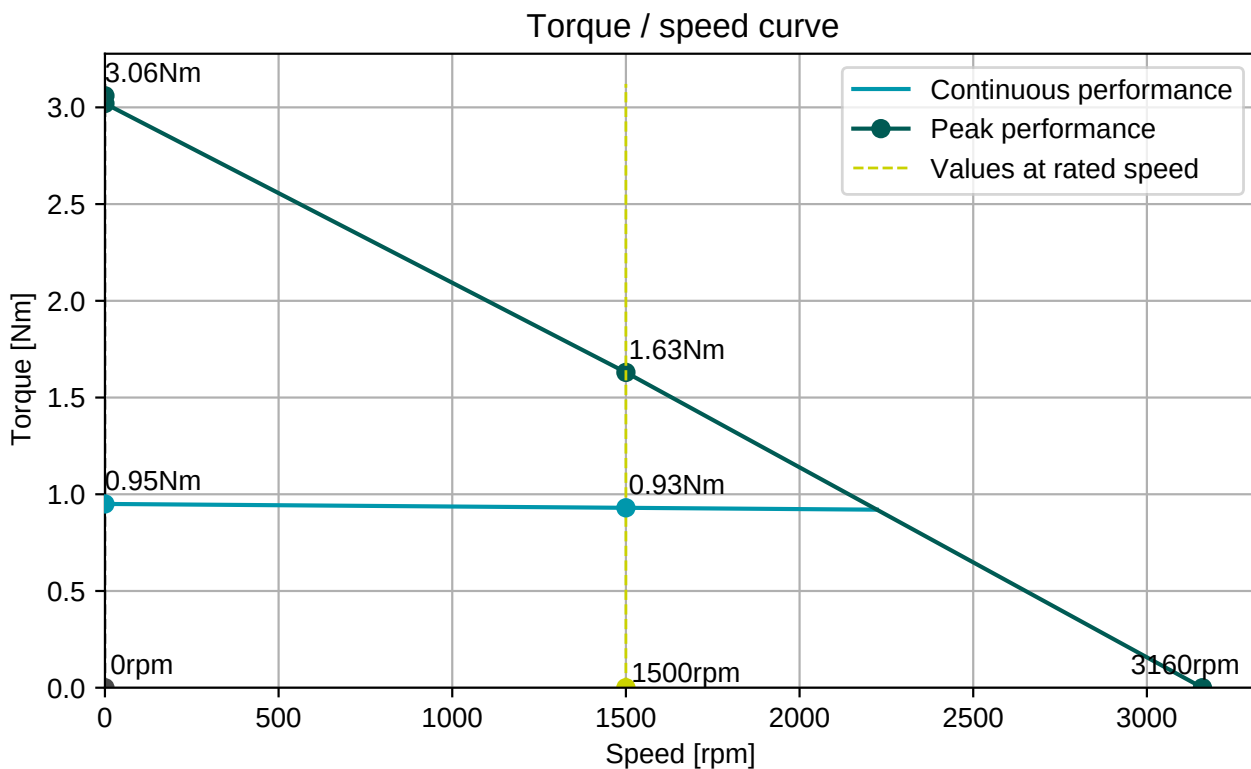
* Defined for point of action at ½ output shaft length

Sensors

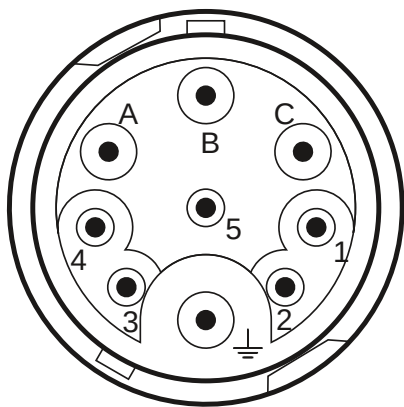
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

Brake

Braking torque	2.00 Nm
Voltage	24 V DC
Power @20°C	11.0 W
Current @20°C	0.46 A
Inertia	0.08 kgcm ²
Mass	0.20 kg

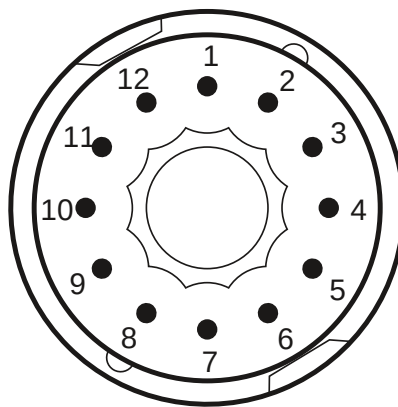


EGA101N00000001000
 2x M15, 9 and 12 poles rotary



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

