

Engineering data (WIN 1199)

DC bus voltage	24 V DC
Nominal AC voltage	15 V AC (rms)
Rated voltage	12 V AC (rms)
Rated power	57 W
Rated speed	6000 rpm
Rated torque	0.09 Nm
Rated current	4.03 A (rms)
Peak torque	0.4 Nm
Peak current	17.7 A (rms)
Stall torque	0.1 Nm
Stall current	4.11 A (rms)
No load speed	9990 rpm
EMF constant ±10%	1.5 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.02 Nm / A (rms)
Torque constant ±10% @ rated load	0.02 Nm / A (rms)
Number of poles	6
Electrical time constant	0.31 ms
Winding terminal resistance	0.64 Ω
Rotary field terminal inductance	0.2 mH

Customs info

HS Code	85015100
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Mechanical data (setting 5)

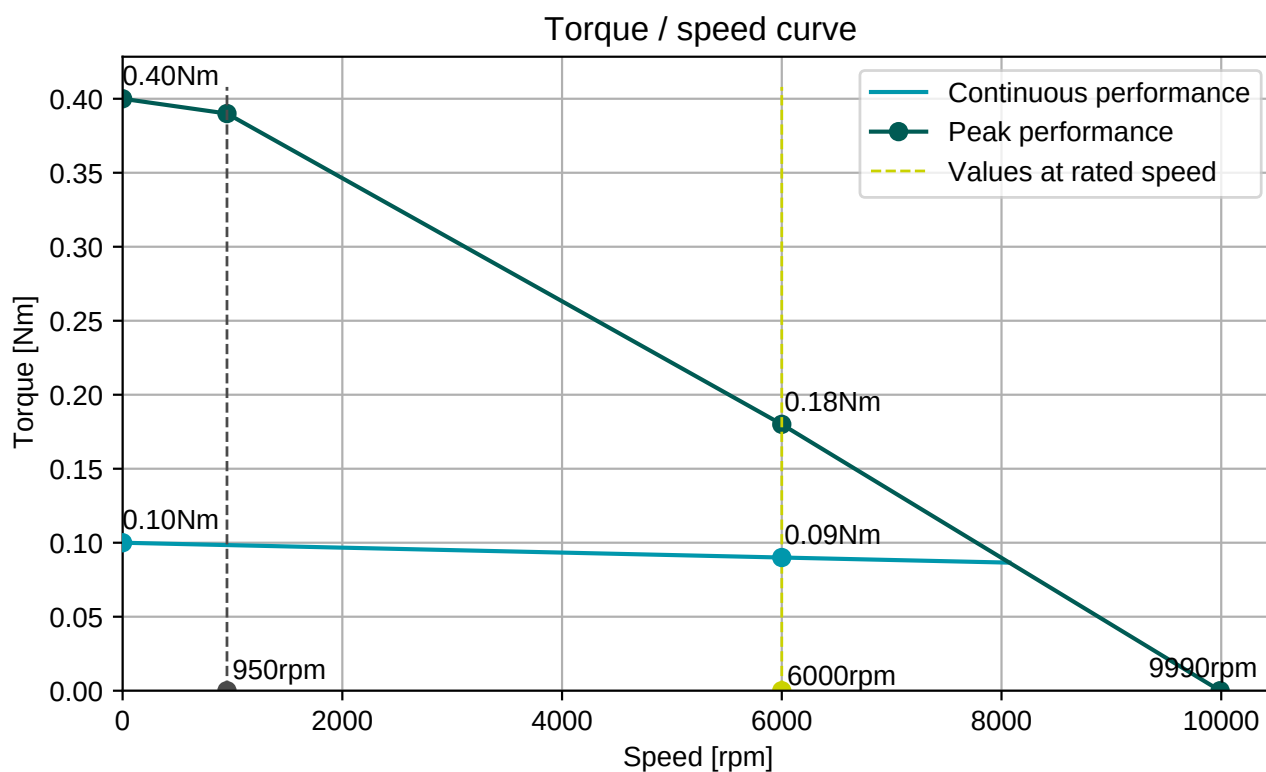
Max mechanical speed	12000 rpm
Mech. time constant	4.32 ms
Thermal time constant	18 min
Rotor inertia	0.024 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	0.5 kg

Sensors

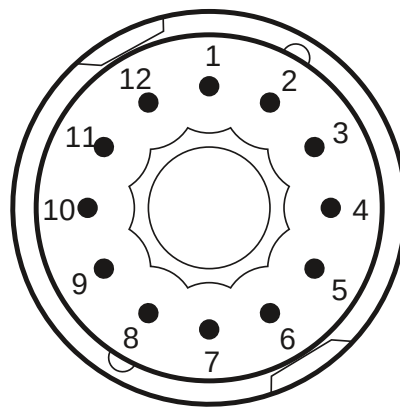
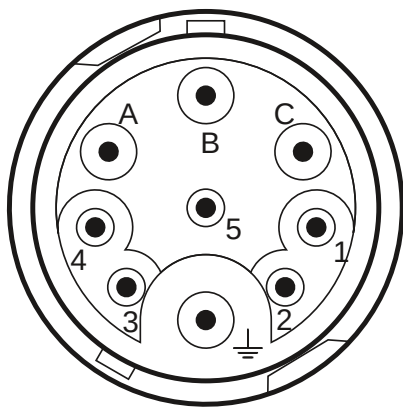
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver size 10

Brake

Braking torque	0.40 Nm
Voltage	24 V DC
Power @20°C	8.0 W
Current @20°C	0.33 A
Inertia	0.02 kgcm ²
Mass	0.10 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

