

Engineering data (WIN 1417)

DC bus voltage	320 V DC
Nominal AC voltage	220 V AC (rms)
Rated voltage	148 V AC (rms)
Rated power	346 W
Rated speed	3000 rpm
Rated torque	1.10 Nm
Rated current	1.73 A (rms)
Peak torque	4.94 Nm
Peak current	8.3 A (rms)
Stall torque	1.3 Nm
Stall current	1.77 A (rms)
No load speed	4910 rpm
EMF constant ±10%	44.5 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.736 Nm / A (rms)
Torque constant ±10% @ rated load	0.636 Nm / A (rms)
Number of poles	10
Electrical time constant	1.44 ms
Winding terminal resistance	9.598 Ω
Rotary field terminal inductance	13.8 mH

Customs info

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

Mechanical data (setting 49)

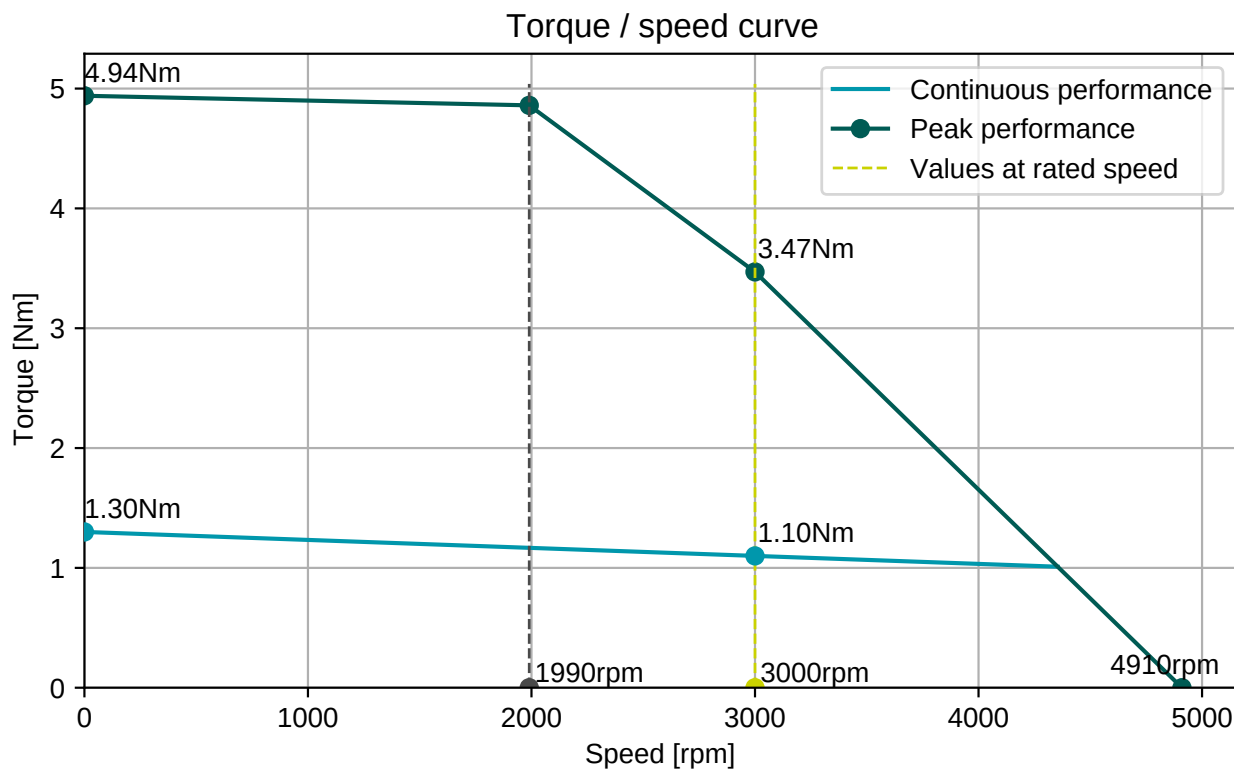
Max mechanical speed	12000 rpm
Mech. time constant	1.53 ms
Thermal time constant	24 min
Rotor inertia	0.5 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

Sensors

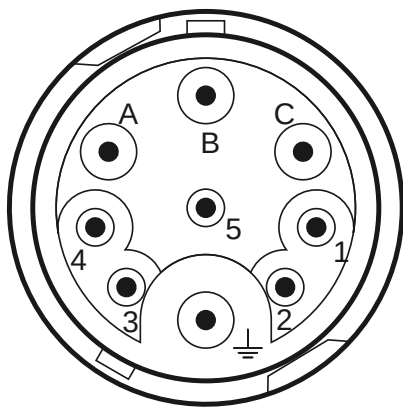
Temperature	PT1000 {PT1000}
Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits

Brake

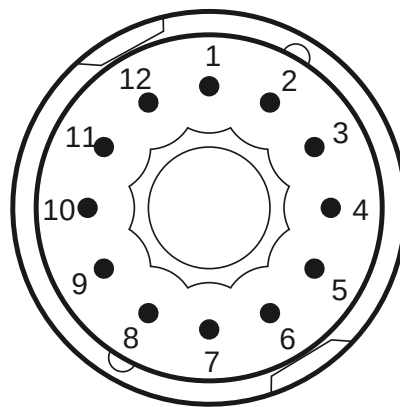
Braking torque	4.50 Nm
Voltage	24 V DC
Power @20°C	12.0 W
Current @20°C	0.50 A
Inertia	0.20 kgcm ²
Mass	0.47 kg



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 (208)	
1	Us
2	GND
3	+ COS
4	REFCOS
5	REFSIN
6	+ SIN
7	Therm+
8	Therm-
9	Data +
10	Data -

