

Engineering data (WIN 778)

DC bus voltage	36 V DC
Nominal AC voltage	23 V AC (rms)
Rated voltage	16 V AC (rms)
Rated power	181 W
Rated speed	1500 rpm
Rated torque	1.15 Nm
Rated current	11.25 A (rms)
Peak torque	3.45 Nm
Peak current	44.2 A (rms)
Stall torque	1.15 Nm
Stall current	10 A (rms)
No load speed	3270 rpm
EMF constant ±10%	6.9 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.11 Nm / A (rms)
Torque constant ±10% @ rated load	0.10 Nm / A (rms)
Number of poles	10
Electrical time constant	2.21 ms
Winding terminal resistance	0.34 Ω
Rotary field terminal inductance	0.75 mH

Customs info

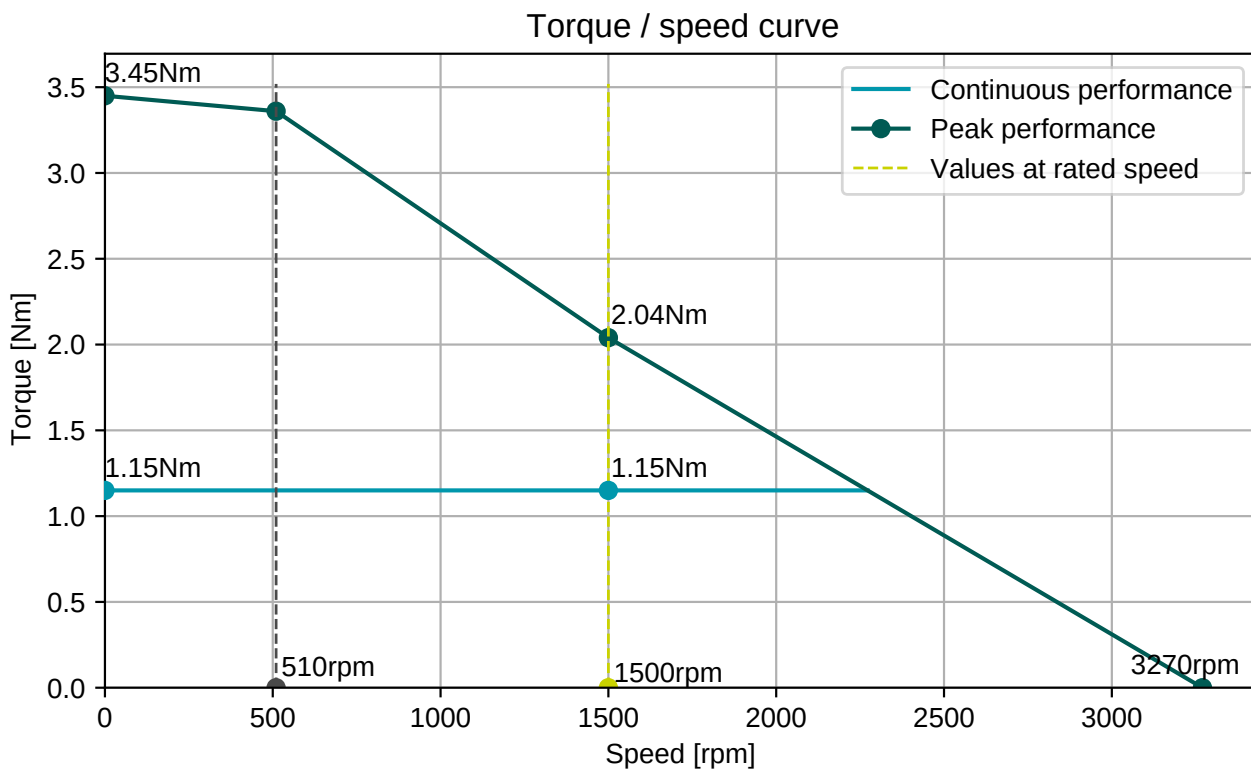
HS Code	85015100
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Mechanical data (setting 5)

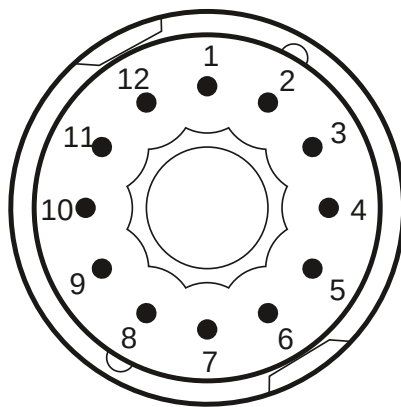
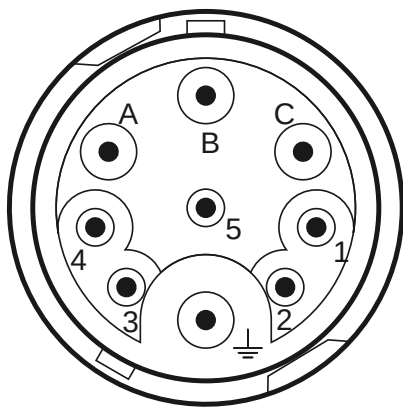
Max mechanical speed	12000 rpm
Mech. time constant	1.40 ms
Thermal time constant	21 min
Rotor inertia	0.31 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

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

