

Engineering data (WIN 159)

DC bus voltage	560 V DC
Nominal AC voltage	330 V AC (rms)
Rated voltage	308 V AC (rms)
Rated power	2.0 kW
Rated speed	3000 rpm
Rated torque	6.40 Nm
Rated current	4.35 A (rms)
Peak torque	30 Nm
Peak current	29.4 A (rms)
Stall torque	7.5 Nm
Stall current	4.82 A (rms)
No load speed	3510 rpm
EMF constant ±10%	94 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.55 Nm / A (rms)
Torque constant ±10% @ rated load	1.47 Nm / A (rms)
Number of poles	6
Electrical time constant	6.40 ms
Winding terminal resistance	3 Ω
Rotary field terminal inductance	19.2 mH

Customs info

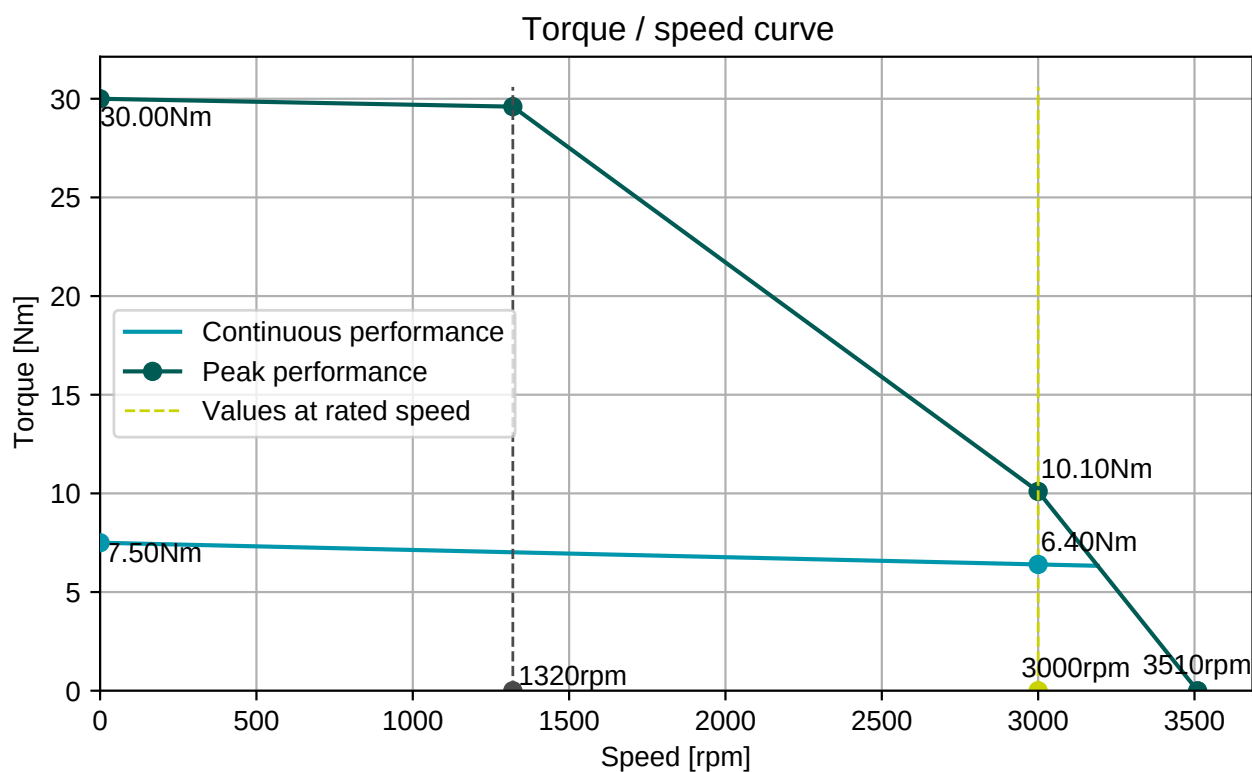
HS Code	85015220
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Mechanical data (setting 5)

Max mechanical speed	12000 rpm
Mech. time constant	0.89 ms
Thermal time constant	66 min
Rotor inertia	4.15 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	8.1 kg

Sensors

Temperature	KTY 84-130 {KTY 84-130 Reissmann}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)



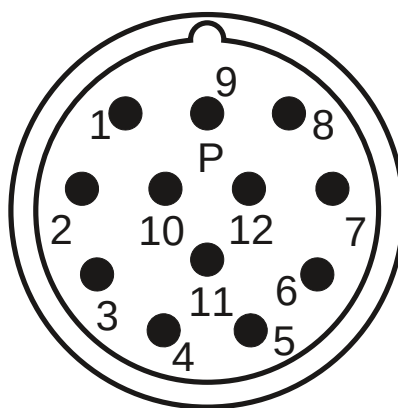
BGC110N00001216000

M23, 8 poles, rotary



AGC052N00001215000

M23, 12 poles, rotary



Connector 1 (9)

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

Connector 2 (10)

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

