

Engineering data (WIN -100107)

DC bus voltage	24 V DC
Nominal AC voltage	15 V AC (rms)
Rated voltage	14 V AC (rms)
Rated power	356 W
Rated speed	2000 rpm
Rated torque	1.70 Nm
Rated current	19.27 A (rms)
Peak torque	7.6 Nm
Peak current	88.21 A (rms)
Stall torque	1.9 Nm
Stall current	20.51 A (rms)
No load speed	2660 rpm
EMF constant ±10%	5.6 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.09 Nm / A (rms)
Torque constant ±10% @ rated load	0.09 Nm / A (rms)
Number of poles	6
Electrical time constant	1.94 ms
Winding terminal resistance	0.098 Ω
Rotary field terminal inductance	0.19 mH

Customs info

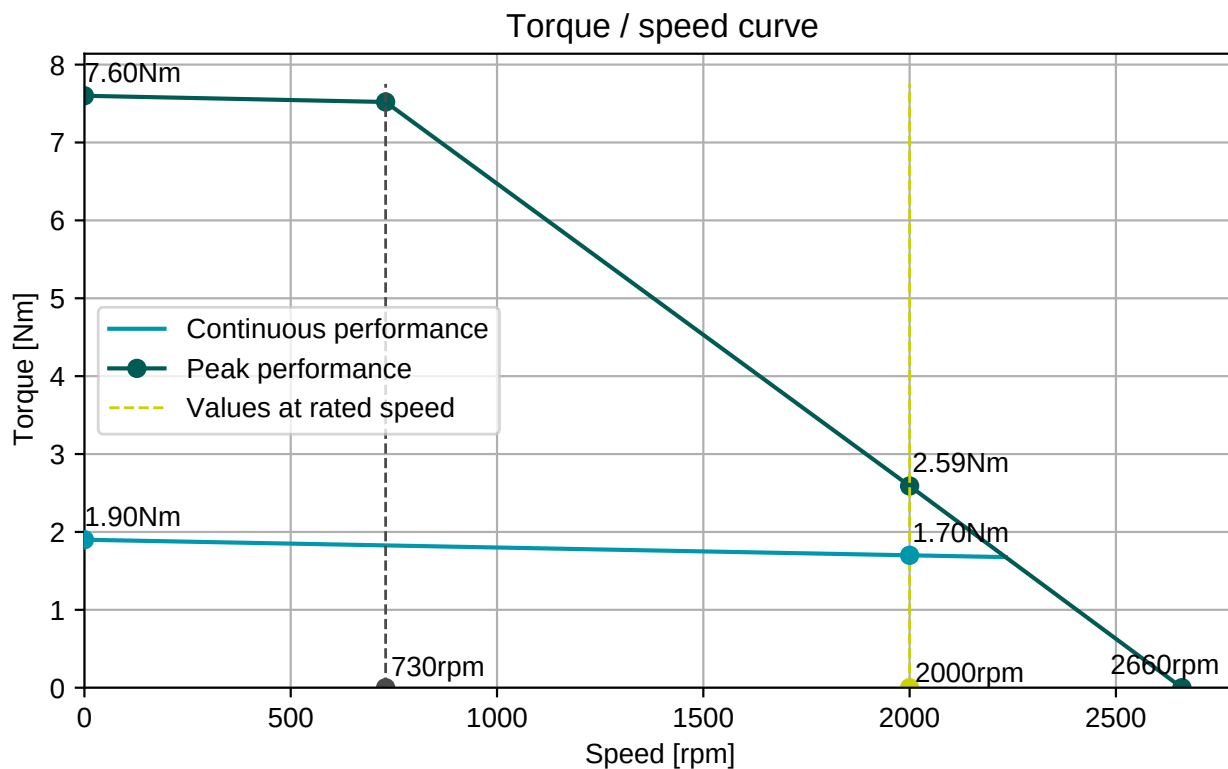
HS Code	85015100
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Mechanical data (setting 5)

Max mechanical speed	9000 rpm
Mech. time constant	1.82 ms
Thermal time constant	31 min
Rotor inertia	0.92 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

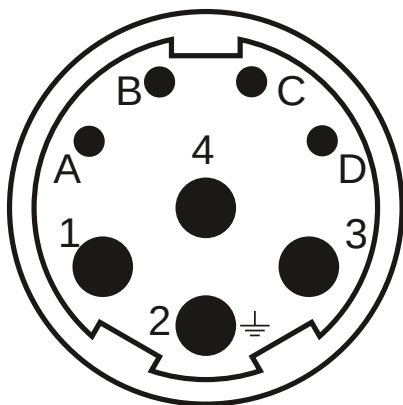
Sensors

Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)



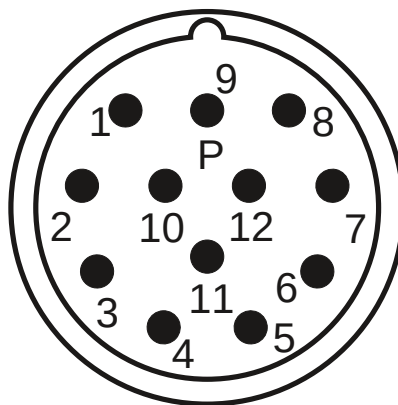
BFC110N00000207000

M23, 8 poles, rectangular



AFC114N00000214000

M23, 12 poles, rectangular



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

