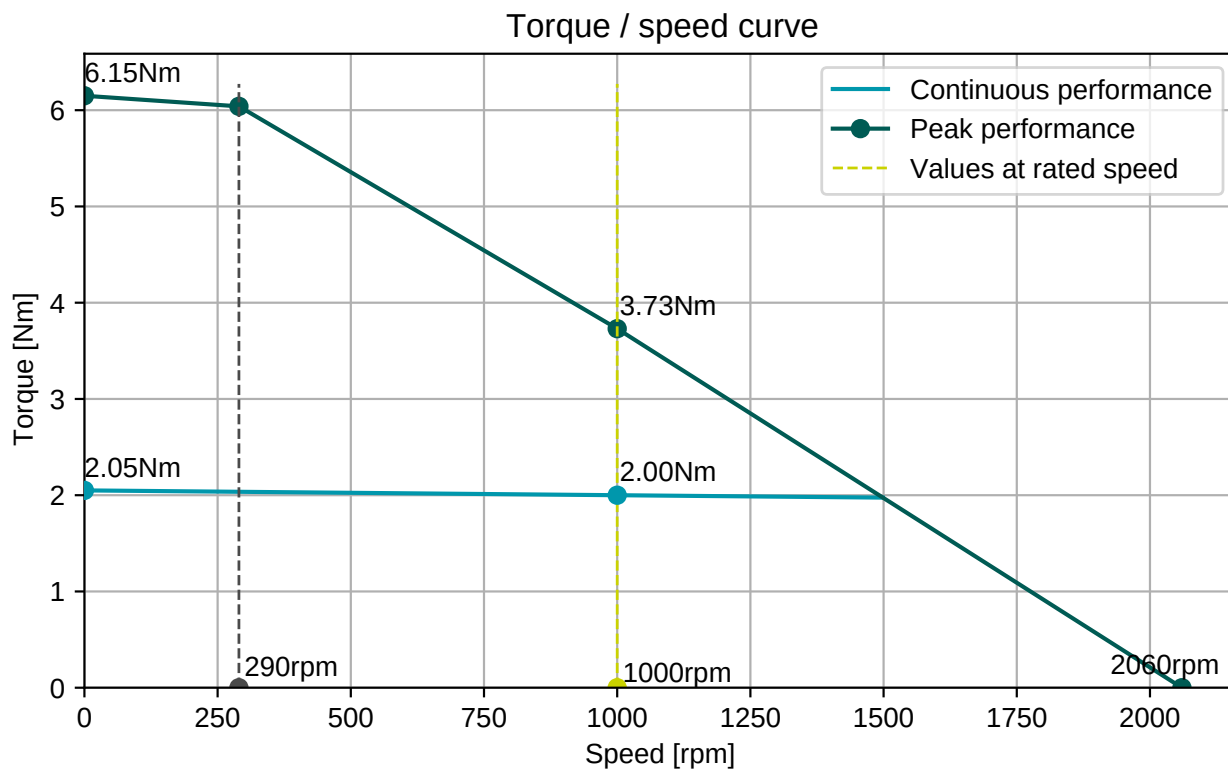


Engineering data (WIN 783)		Mechanical data (setting 16)	
DC bus voltage	36 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	25 V AC (rms)	Mech. time constant	0.99 ms
Rated voltage	18 V AC (rms)	Thermal time constant	23 min
Rated power	209 W	Rotor inertia	0.55 kgcm ²
Rated speed	1000 rpm	Protection	IP64
Rated torque	2.00 Nm	Color	RAL 9005
Rated current	11.02 A (rms)	Cooling	Convection
Peak torque	6.15 Nm	Motor-only mass	2.5 kg
Peak current	41.9 A (rms)	Max. axial force 20kh	92 N
Stall torque	2.05 Nm	Max. radial force 20kh	484 N*
Stall current	10.3 A (rms)	Max. axial force 100kh	54 N
No load speed	2060 rpm	Max. radial force 100kh	283 N*
EMF constant ±10%	12 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.2 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.2 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	SRM50 (Hiperface) multi-turn, 1024 sin/cos+12bits
Electrical time constant	2.44 ms	Brake	
Winding terminal resistance	0.41 Ω	Braking torque	4.50 Nm
Rotary field terminal inductance	1 mH	Voltage	24 V DC
Customs info		Power @20°C	12.0 W
HS Code	85015100	Current @20°C	0.50 A
		Inertia	0.20 kgcm ²
		Mass	0.47 kg


BGC110N00001216000

M23, 8 poles, rotary


AGC113N00001215000

M23, 17 poles, rotary


Connector 1 (9)

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

Connector 2 (130)

1/9	SIN/REFSIN
3/11	COS/REFCOS
5/13	DATA/DATA-
4/2	Us/GND
14/7	Therm

