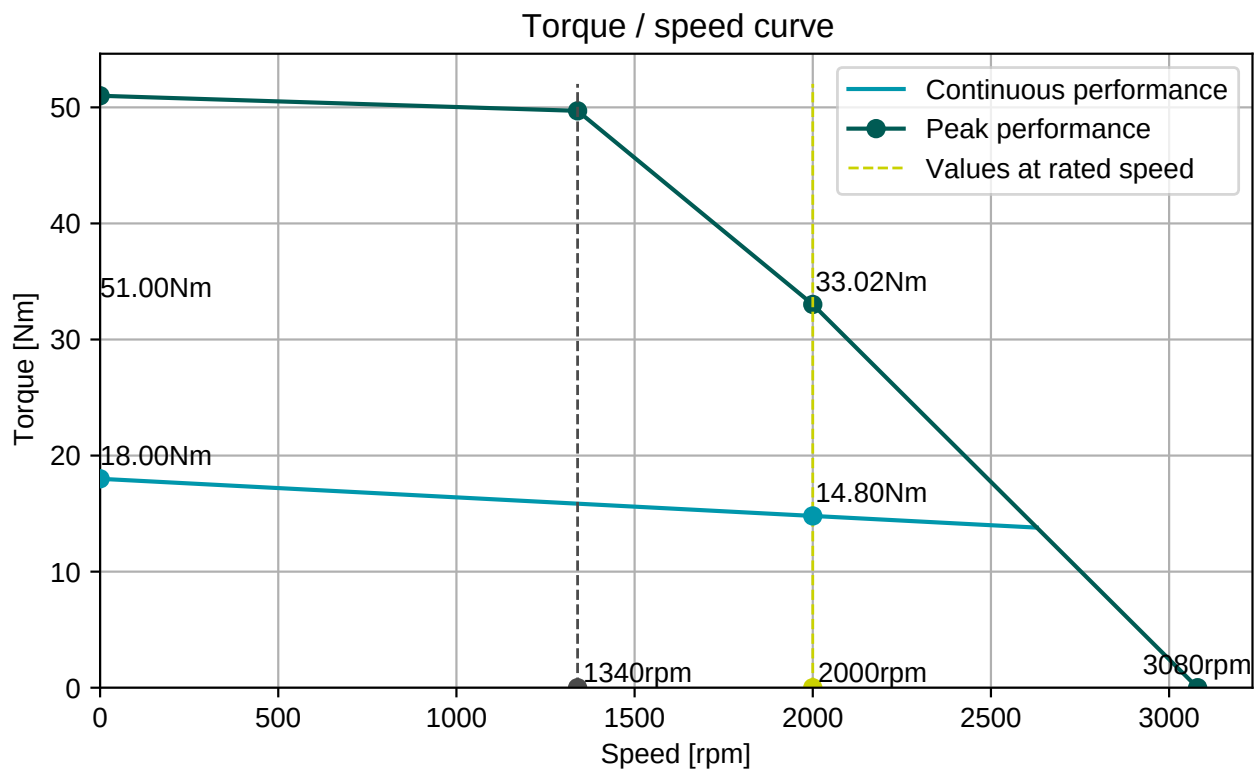


Engineering data (WIN 976)		Mechanical data (setting 16)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.92 ms
Rated voltage	269 V AC (rms)	Thermal time constant	42 min
Rated power	3.1 kW	Rotor inertia	18.5 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	14.80 Nm	Color	RAL 9005
Rated current	8.56 A (rms)	Cooling	Convection
Peak torque	51 Nm	Motor-only mass	9.2 kg
Peak current	32.9 A (rms)	Max. axial force 20kh	139 N
Stall torque	18 Nm	Max. radial force 20kh	729 N*
Stall current	8.8 A (rms)	Max. axial force 100kh	81 N
No load speed	3080 rpm	Max. radial force 100kh	427 N*
EMF constant ±10%	123 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.03 Nm / A (rms)		
Torque constant ±10% @ rated load	1.73 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback SRM50 (Hiperface) multi-turn, 1024 sin/cos+12bits	
Number of poles	10		
Electrical time constant	11.51 ms		
Winding terminal resistance	1.19 Ω		
Rotary field terminal inductance	13.7 mH		
Customs info			
HS Code	85015220		


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

