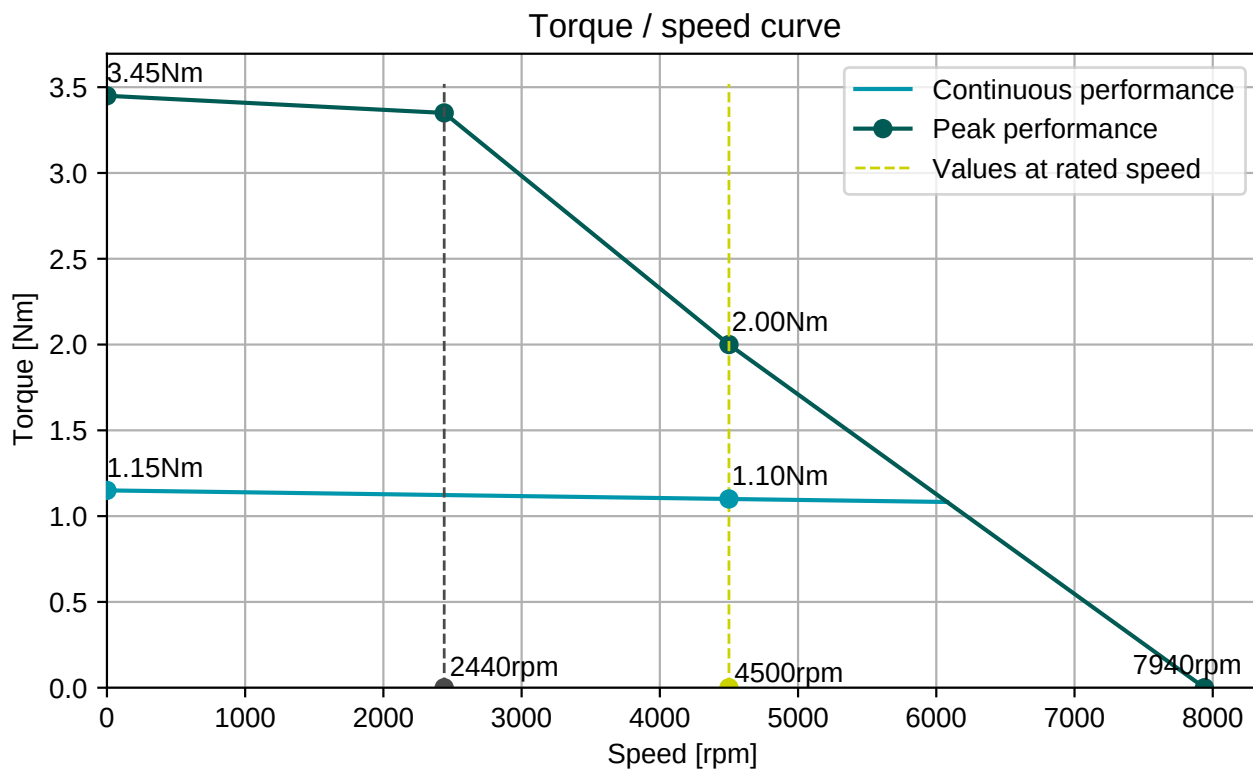


Engineering data (WIN 960)		Mechanical data (setting 16)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	1.39 ms
Rated voltage	154 V AC (rms)	Thermal time constant	21 min
Rated power	518 W	Rotor inertia	0.31 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	1.10 Nm	Color	RAL 9005
Rated current	2.94 A (rms)	Cooling	Convection
Peak torque	3.45 Nm	Motor-only mass	2 kg
Peak current	11.1 A (rms)	Max. axial force 20kh	50 N
Stall torque	1.15 Nm	Max. radial force 20kh	261 N*
Stall current	2.53 A (rms)	Max. axial force 100kh	29 N
No load speed	7940 rpm	Max. radial force 100kh	153 N*
EMF constant ±10%	27.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.45 Nm / A (rms)		
Torque constant ±10% @ rated load	0.37 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	2.23 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	5.37 Ω	Feedback	SRS50 (Hiperface) single-turn, 1024 sin/cos+12bits
Rotary field terminal inductance	12 mH	Brake	
Customs info		Braking torque	4.50 Nm
HS Code	85015100	Voltage	24 V DC
		Power @20°C	12.0 W
		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

