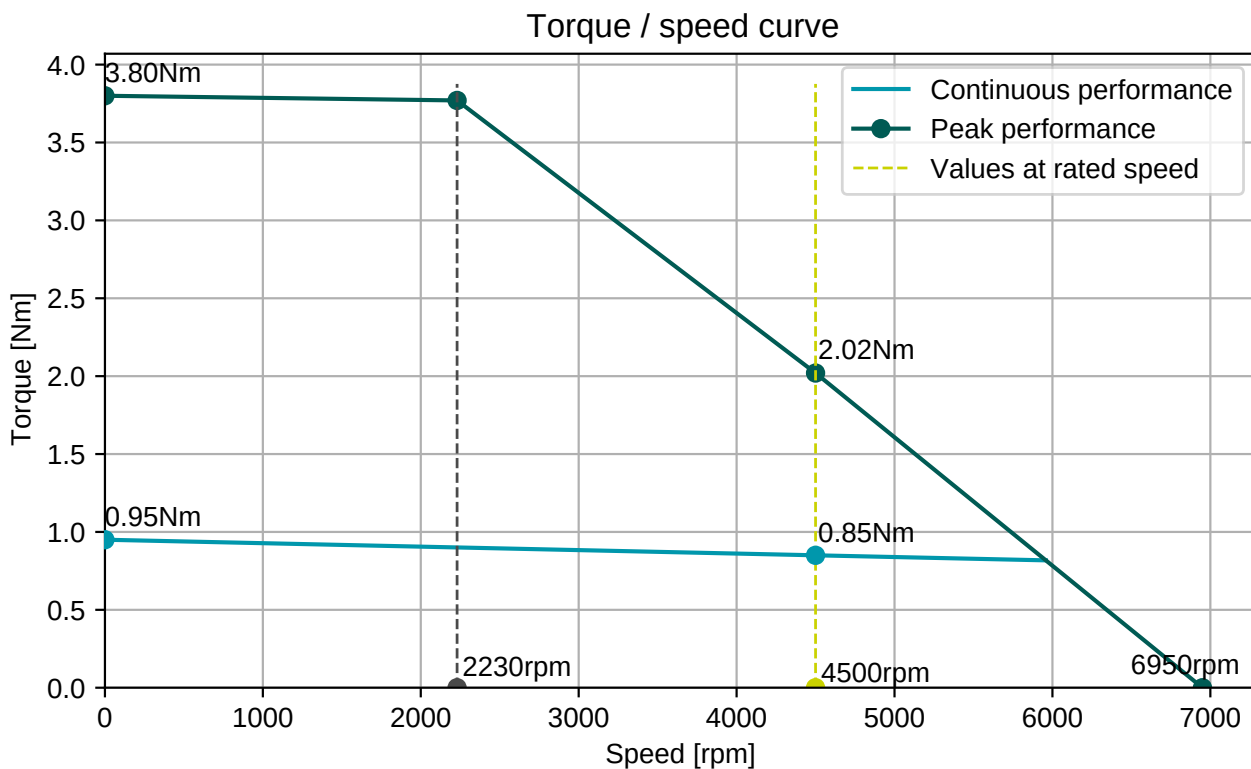


Engineering data (WIN 745)		Mechanical data (setting 49)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.92 ms
Rated voltage	172 V AC (rms)	Thermal time constant	18 min
Rated power	401 W	Rotor inertia	0.11 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	0.85 Nm	Color	RAL 9005
Rated current	1.7 A (rms)	Cooling	Convection
Peak torque	3.8 Nm	Motor-only mass	1.7 kg
Peak current	8.4 A (rms)	Max. axial force 20kh	44 N
Stall torque	0.95 Nm	Max. radial force 20kh	230 N*
Stall current	1.82 A (rms)	Max. axial force 100kh	26 N
No load speed	6950 rpm	Max. radial force 100kh	135 N*
EMF constant ±10%	31.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.52 Nm / A (rms)		
Torque constant ±10% @ rated load	0.50 Nm / A (rms)		
Number of poles	6	Sensors	
Electrical time constant	1.46 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	13.05 Ω	Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits
Rotary field terminal inductance	19 mH	Brake	
Customs info		Braking torque	2.00 Nm
HS Code	85015100	Voltage	24 V DC
		Power @20°C	11.0 W
		Current @20°C	0.46 A
		Inertia	0.08 kgcm ²
		Mass	0.20 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

