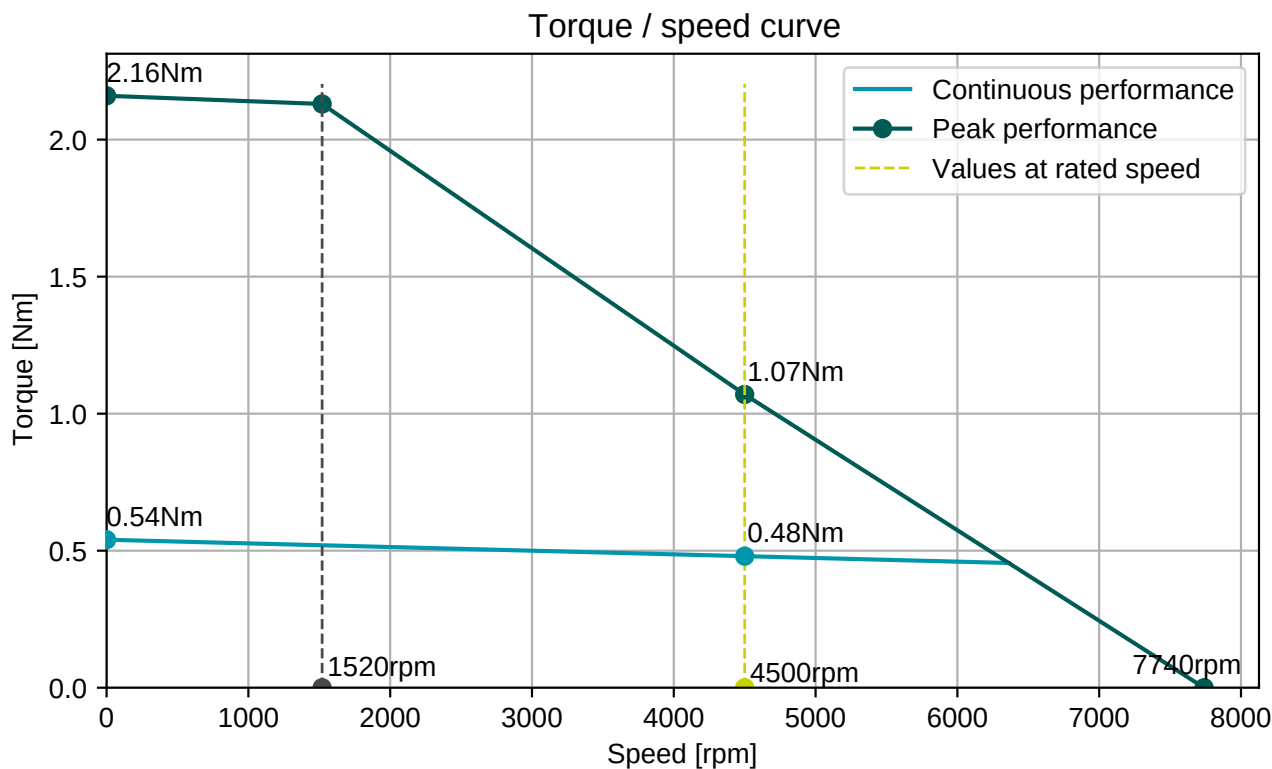


Engineering data (WIN 815)		Mechanical data (setting 49)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	1.43 ms
Rated voltage	166 V AC (rms)	Thermal time constant	12 min
Rated power	226 W	Rotor inertia	0.07 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	0.48 Nm	Color	RAL 9005
Rated current	1.12 A (rms)	Cooling	Convection
Peak torque	2.16 Nm	Motor-only mass	1.37 kg
Peak current	5.4 A (rms)	Max. axial force 20kh	42 N
Stall torque	0.54 Nm	Max. radial force 20kh	222 N*
Stall current	1.17 A (rms)	Max. axial force 100kh	25 N
No load speed	7740 rpm	Max. radial force 100kh	130 N*
EMF constant ±10%	28 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.46 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.43 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	6	Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits
Electrical time constant	1.27 ms	Brake	
Winding terminal resistance	25.37 Ω	Braking torque	2.00 Nm
Rotary field terminal inductance	32.3 mH	Voltage	24 V DC
Customs info		Power @20°C	11.0 W
HS Code	85015100	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

