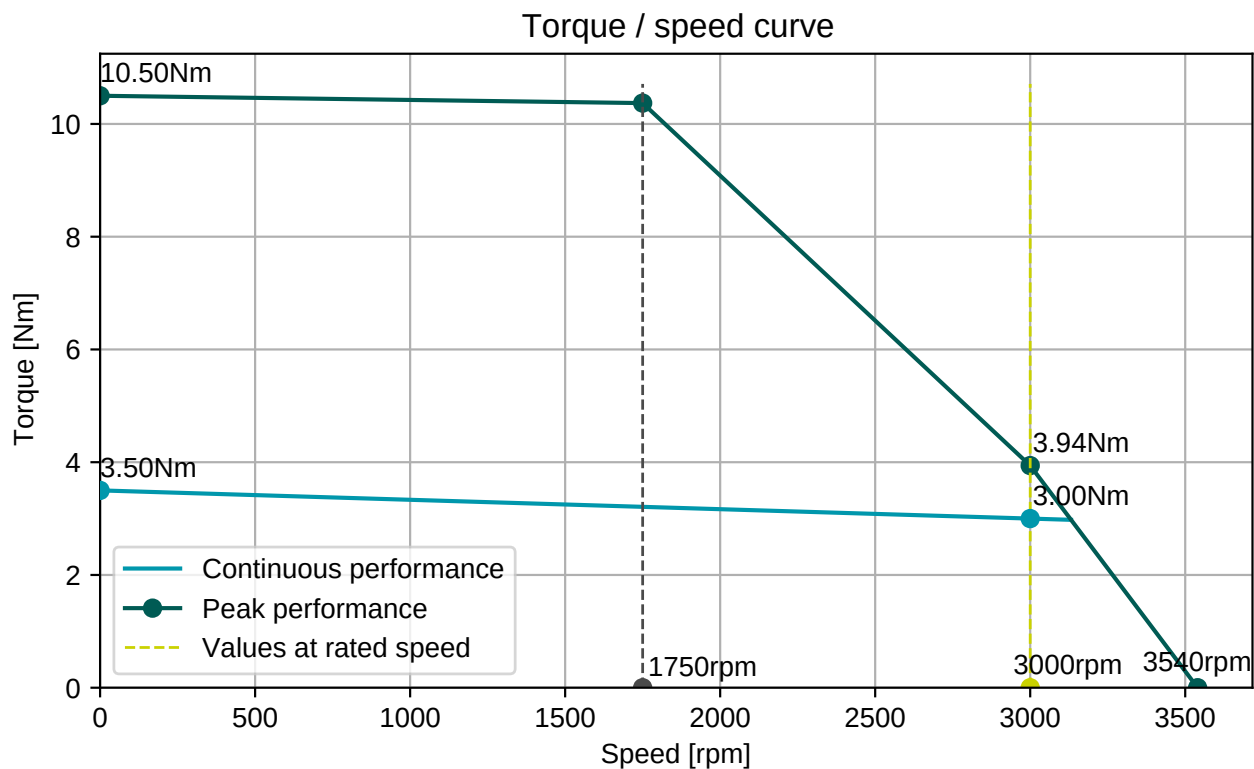


Engineering data (WIN 739)		Mechanical data (setting 46)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.73 ms
Rated voltage	193 V AC (rms)	Thermal time constant	27 min
Rated power	942 W	Rotor inertia	1.04 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	3.00 Nm	Color	RAL 9005
Rated current	3.47 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Motor-only mass	2.9 kg
Peak current	12.3 A (rms)	Max. axial force 20kh	68 N
Stall torque	3.5 Nm	Max. radial force 20kh	360 N*
Stall current	3.41 A (rms)	Max. axial force 100kh	40 N
No load speed	3540 rpm	Max. radial force 100kh	211 N*
EMF constant ±10%	62 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.03 Nm / A (rms)		
Torque constant ±10% @ rated load	0.86 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	2.86 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	4.27 Ω	Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits
Rotary field terminal inductance	12.2 mH	Brake	
Customs info		Braking torque	4.50 Nm
HS Code	85015220	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

