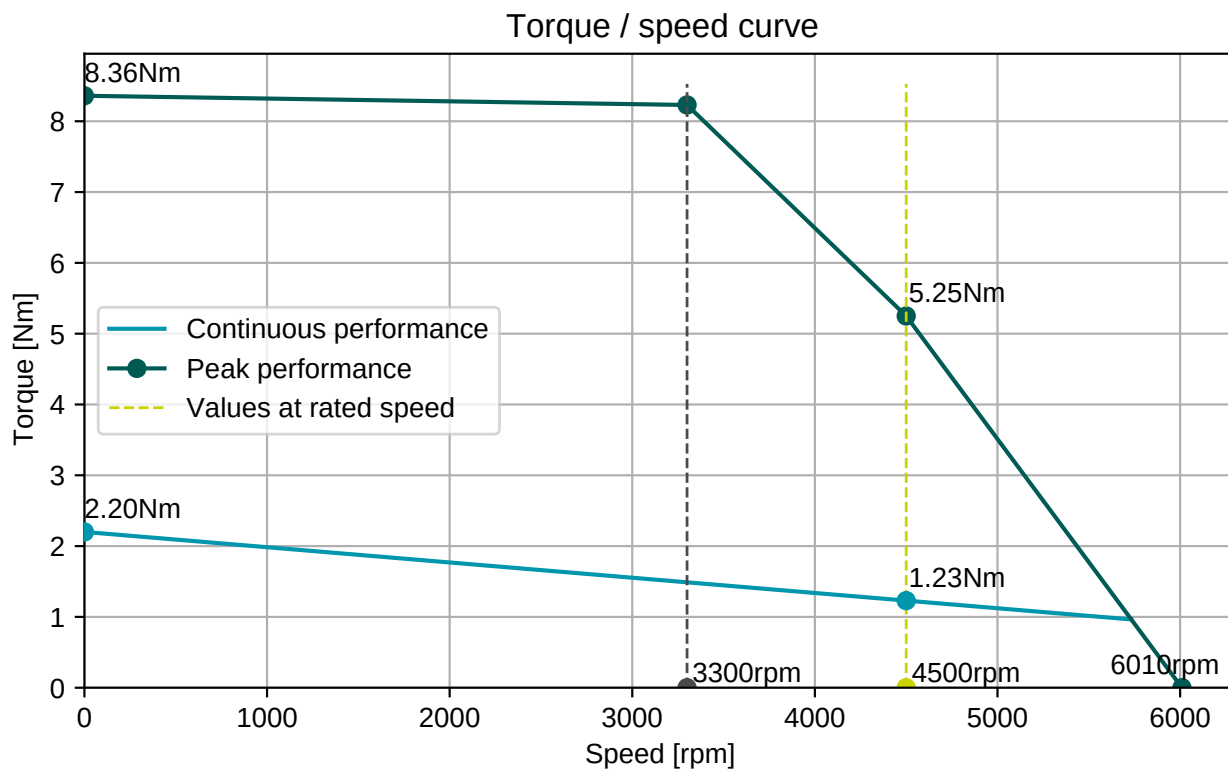


Engineering data (WIN 1600)		Mechanical data (setting 5)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	1.21 ms
Rated voltage	280 V AC (rms)	Thermal time constant	32 min
Rated power	580 W	Rotor inertia	0.85 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	1.23 Nm	Color	RAL 9005
Rated current	1.43 A (rms)	Cooling	Convection
Peak torque	8.36 Nm	Motor-only mass	2.7 kg
Peak current	9.2 A (rms)	Max. axial force 20kh	56 N
Stall torque	2.2 Nm	Max. radial force 20kh	293 N*
Stall current	2.11 A (rms)	Max. axial force 100kh	33 N
No load speed	6010 rpm	Max. radial force 100kh	171 N*
EMF constant ±10%	63 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.042 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.860 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
Electrical time constant	1.58 ms	Brake	
Winding terminal resistance	8.941 Ω	Braking torque	4.50 Nm
Rotary field terminal inductance	14.1 mH	Voltage	24 V DC
Customs info		Power @20°C	12.0 W
HS Code	85015100	Current @20°C	0.50 A
		Inertia	0.20 kgcm ²
		Mass	0.47 kg


BGC110N00001216000

M23, 8 poles, rotary


AGC052N00001215000

M23, 12 poles, rotary


Connector 1 (9)

1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	
D	

Connector 2 (10)

2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1

