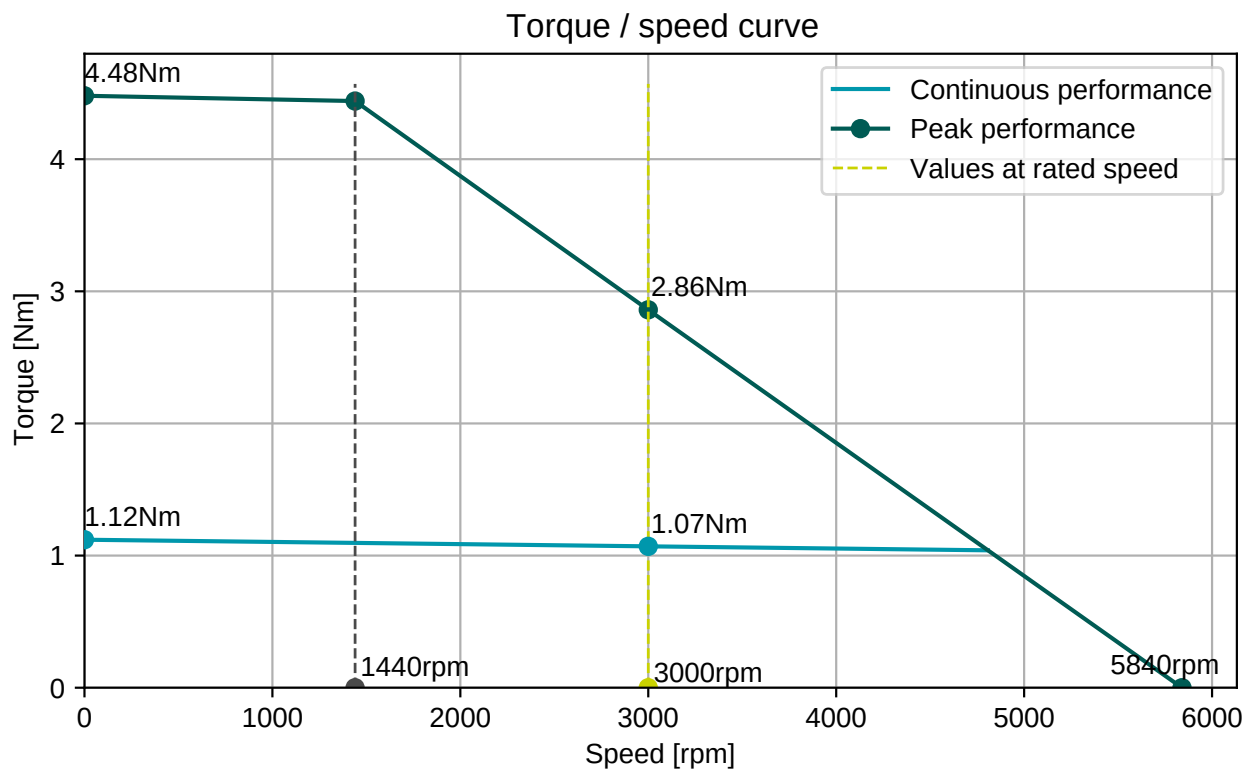


Engineering data (WIN 1586)		Mechanical data (setting 1)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.69 ms
Rated voltage	149 V AC (rms)	Thermal time constant	18 min
Rated power	336 W	Rotor inertia	0.11 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	1.07 Nm	Color	RAL 9005
Rated current	1.78 A (rms)	Cooling	Convection
Peak torque	4.48 Nm	Motor-only mass	0.9 kg
Peak current	8.3 A (rms)	Max. axial force 20kh	52 N
Stall torque	1.12 Nm	Max. radial force 20kh	261 N*
Stall current	1.81 A (rms)	Max. axial force 100kh	29 N
No load speed	5840 rpm	Max. radial force 100kh	150 N*
EMF constant ±10%	37.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.62 Nm / A (rms)		
Torque constant ±10% @ rated load	0.60 Nm / A (rms)		
Number of poles	6		
Electrical time constant	1.57 ms		
Winding terminal resistance	13.98 Ω		
Rotary field terminal inductance	21.9 mH		
Customs info		Sensors	
HS Code	85015100	Temperature	PT1000 {PT1000}
		Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
		Note	
		X: shaft-9x24	



BGC110N00001216000

M23, 8 poles, rotary



AGC052N00001215000

M23, 12 poles, rotary



Connector 1 (3)

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

Connector 2 (26)

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

