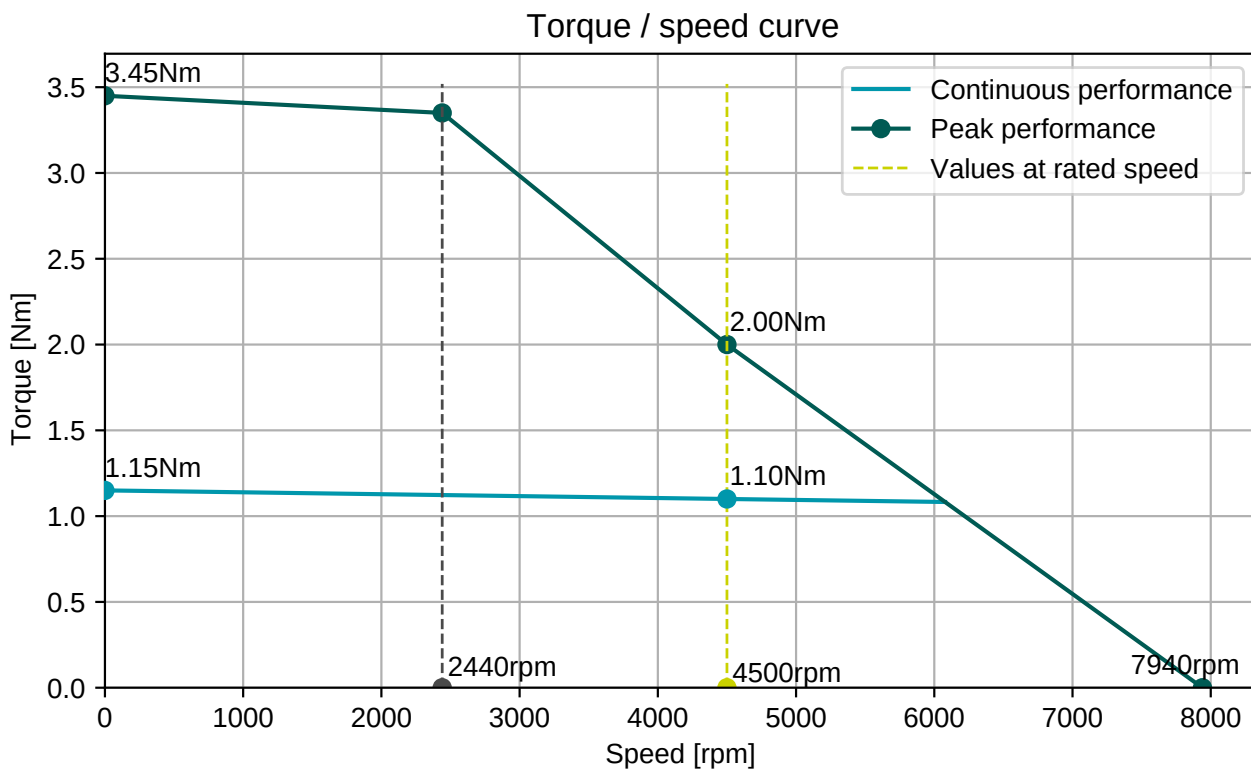


Engineering data (WIN 960)		Mechanical data (setting 5)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	1.39 ms
Rated voltage	154 V AC (rms)	Thermal time constant	21 min
Rated power	518 W	Rotor inertia	0.31 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	1.10 Nm	Color	RAL 9005
Rated current	2.94 A (rms)	Cooling	Convection
Peak torque	3.45 Nm	Motor-only mass	1.5 kg
Peak current	11.1 A (rms)	Max. axial force 20kh	47 N
Stall torque	1.15 Nm	Max. radial force 20kh	247 N*
Stall current	2.53 A (rms)	Max. axial force 100kh	27 N
No load speed	7940 rpm	Max. radial force 100kh	145 N*
EMF constant ±10%	27.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.45 Nm / A (rms)		
Torque constant ±10% @ rated load	0.37 Nm / A (rms)		
Number of poles	10		
Electrical time constant	2.23 ms		
Winding terminal resistance	5.37 Ω		
Rotary field terminal inductance	12 mH		

Customs info	
HS Code	85015100

Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)



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

