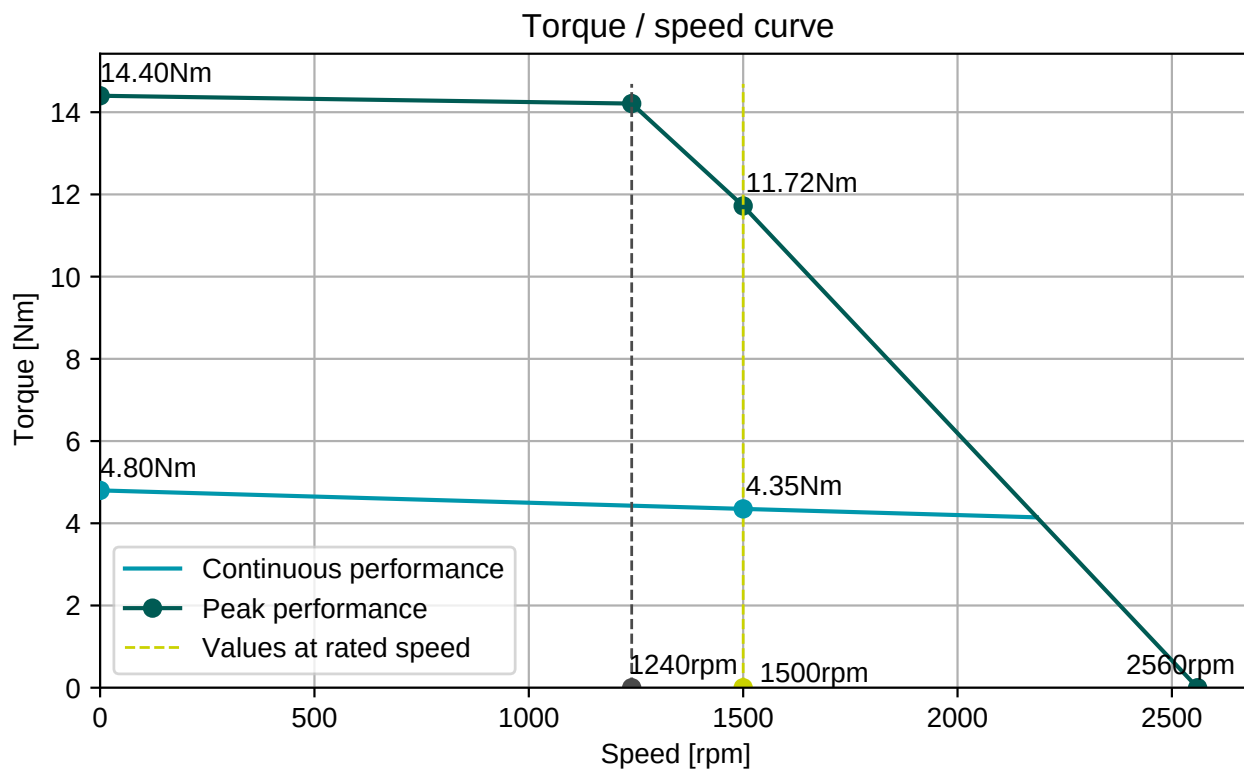


Engineering data (WIN 1249)		Mechanical data (setting 31)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.68 ms
Rated voltage	256 V AC (rms)	Thermal time constant	30 min
Rated power	683 W	Rotor inertia	1.52 kgcm ²
Rated speed	1500 rpm	Protection	IP64
Rated torque	4.35 Nm	Color	RAL 9005
Rated current	1.97 A (rms)	Cooling	Convection
Peak torque	14.4 Nm	Motor-only mass	2 kg
Peak current	7 A (rms)	Max. axial force 20kh	101 N
Stall torque	4.8 Nm	Max. radial force 20kh	530 N*
Stall current	1.96 A (rms)	Max. axial force 100kh	59 N
No load speed	2560 rpm	Max. radial force 100kh	310 N*
EMF constant ±10%	148 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.448 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	2.208 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
Electrical time constant	3.01 ms	Brake	
Winding terminal resistance	15.482 Ω	Braking torque	4.50 Nm
Rotary field terminal inductance	46.6 mH	Voltage	24 V DC
Power @20°C		Current @20°C	12.0 W
Inertia		Mass	0.50 A
Mass			0.20 kgcm ²
0.47 kg			
Customs info			
HS Code	85015100		


BGC110N00001216000

M23, 8 poles, rotary


AGC052N00001215000

M23, 12 poles, rotary


Connector 1 (1)

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

Connector 2 (2)

4	S1
8	S3
3	S4
7	S2
5	R2
9	R1

