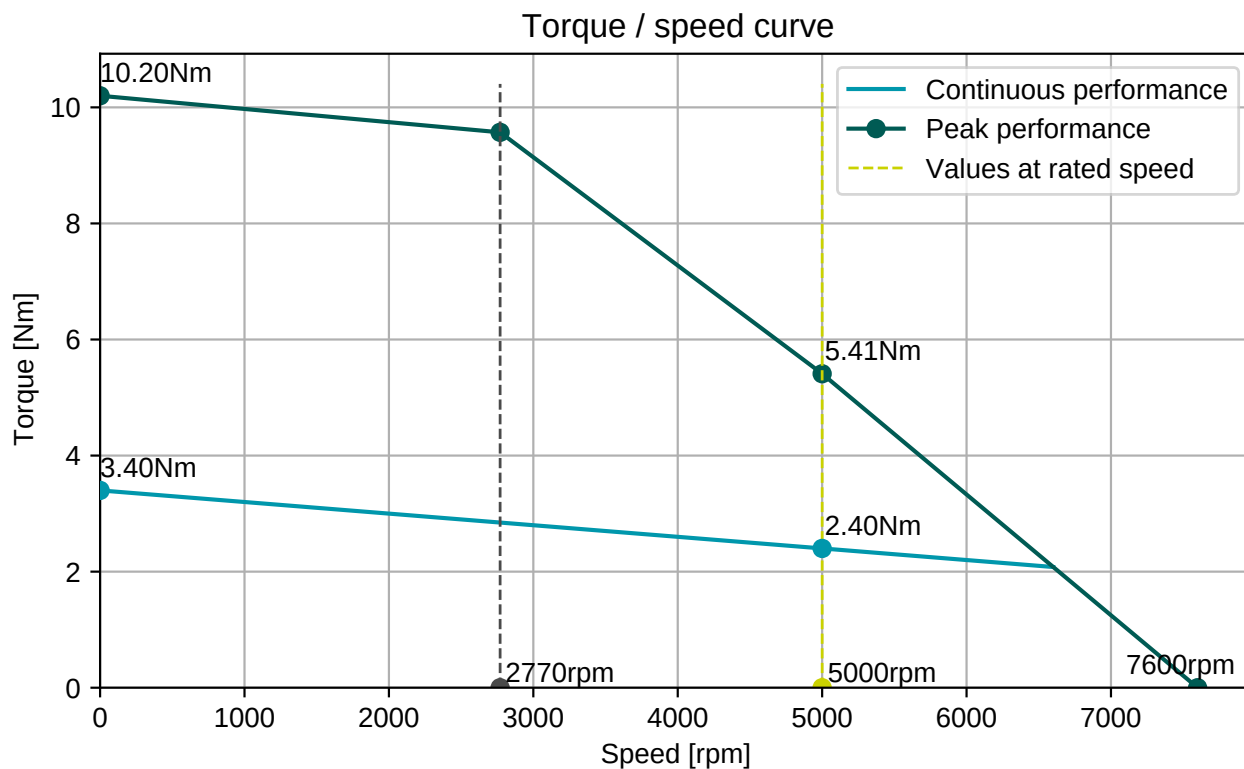


Engineering data (WIN 1156)		Mechanical data (setting 29)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	1.35 ms
Rated voltage	264 V AC (rms)	Thermal time constant	25 min
Rated power	1.3 kW	Rotor inertia	2.04 kgcm ²
Rated speed	5000 rpm	Protection	IP64
Rated torque	2.40 Nm	Color	RAL 9005
Rated current	4.22 A (rms)	Cooling	Convection
Peak torque	10.2 Nm	Motor-only mass	3 kg
Peak current	18.9 A (rms)	Max. axial force 20kh	95 N
Stall torque	3.4 Nm	Max. radial force 20kh	502 N*
Stall current	4.15 A (rms)	Max. axial force 100kh	56 N
No load speed	7600 rpm	Max. radial force 100kh	294 N*
EMF constant ±10%	49.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.82 Nm / A (rms)		
Torque constant ±10% @ rated load	0.57 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EQI1131 (EnDat 2.2) multi-turn, 19 + 12 bits	
Number of poles	10		
Electrical time constant	4.63 ms		
Winding terminal resistance	2.57 Ω		
Rotary field terminal inductance	11.9 mH		
Customs info			
HS Code	85015220		


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 (293)

1	Vcc (+5V)
2	GND
3	DATA
4	DATA-
5	CLOCK
6	CLOCK-
7	Therm+
8	Therm-
9	Vcc sensor
10	GND sensor

