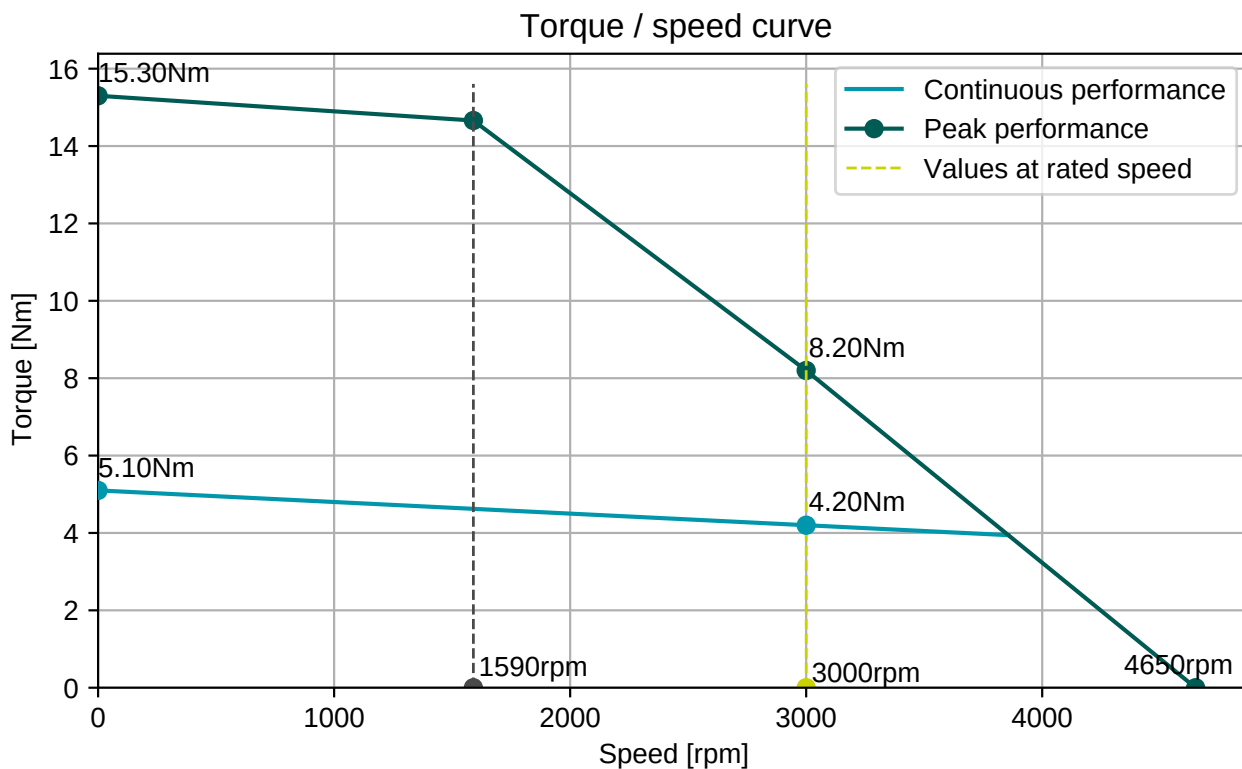


Engineering data (WIN 709)		Mechanical data (setting 46)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.78 ms
Rated voltage	276 V AC (rms)	Thermal time constant	25 min
Rated power	1.3 kW	Rotor inertia	2.04 kgcm²
Rated speed	3000 rpm	Protection	IP64
Rated torque	4.20 Nm	Color	RAL 9005
Rated current	3.94 A (rms)	Cooling	Convection
Peak torque	15.3 Nm	Motor-only mass	3.8 kg
Peak current	17.4 A (rms)	Max. axial force 20kh	113 N
Stall torque	5.1 Nm	Max. radial force 20kh	595 N*
Stall current	3.81 A (rms)	Max. axial force 100kh	66 N
No load speed	4650 rpm	Max. radial force 100kh	348 N*
EMF constant ±10%	81 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.34 Nm / A (rms)		
Torque constant ±10% @ rated load	1.07 Nm / A (rms)	Sensors	
Number of poles	10	Temperature	PT1000 {PT1000}
Electrical time constant	5.45 ms	Feedback	SKS36 (Hiperface) single-turn, 128 sin/cos
Winding terminal resistance	3.98 Ω		
Rotary field terminal inductance	21.7 mH		

Customs info	
HS Code	85015220


BGC110N00001216000

M23, 8 poles, rotary


AGC113N00001215000

M23, 17 poles, rotary


Connector 1 (9)

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

Connector 2 (130)

1/9	SIN/REFSIN
3/11	COS/REFCOS
5/13	DATA/DATA-
4/2	Us/GND
14/7	Therm

