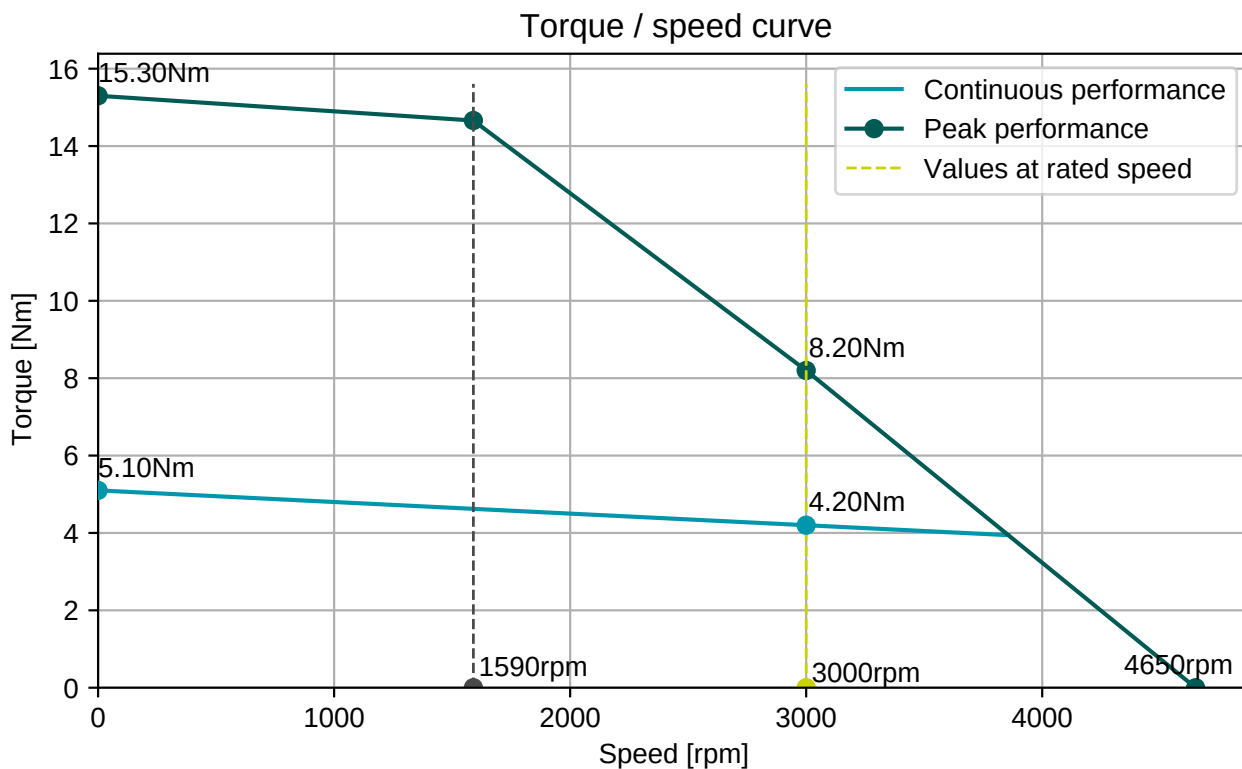


Engineering data (WIN 709)		Mechanical data (setting 5)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.78 ms
Rated voltage	276 V AC (rms)	Thermal time constant	25 min
Rated power	1.3 kW	Rotor inertia	2.04 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	4.20 Nm	Color	RAL 9005
Rated current	3.94 A (rms)	Cooling	Convection
Peak torque	15.3 Nm	Max. axial force 20kh	116 N
Peak current	17.4 A (rms)	Max. radial force 20kh	611 N*
Stall torque	5.1 Nm	Max. axial force 100kh	68 N
Stall current	3.81 A (rms)	Max. radial force 100kh	357 N*
No load speed	4650 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	81 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	1.34 Nm / A (rms)	Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Torque constant ±10% @ rated load	1.07 Nm / A (rms)	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
Number of poles	10	Brake	
Electrical time constant	5.45 ms	Braking torque	9.00 Nm
Winding terminal resistance	3.98 Ω	Voltage	24 V DC
Rotary field terminal inductance	21.7 mH	Power @20°C	18.0 W
		Current @20°C	0.75 A
		Inertia	0.60 kgcm ²
		Mass	0.82 kg
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 (10)

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

