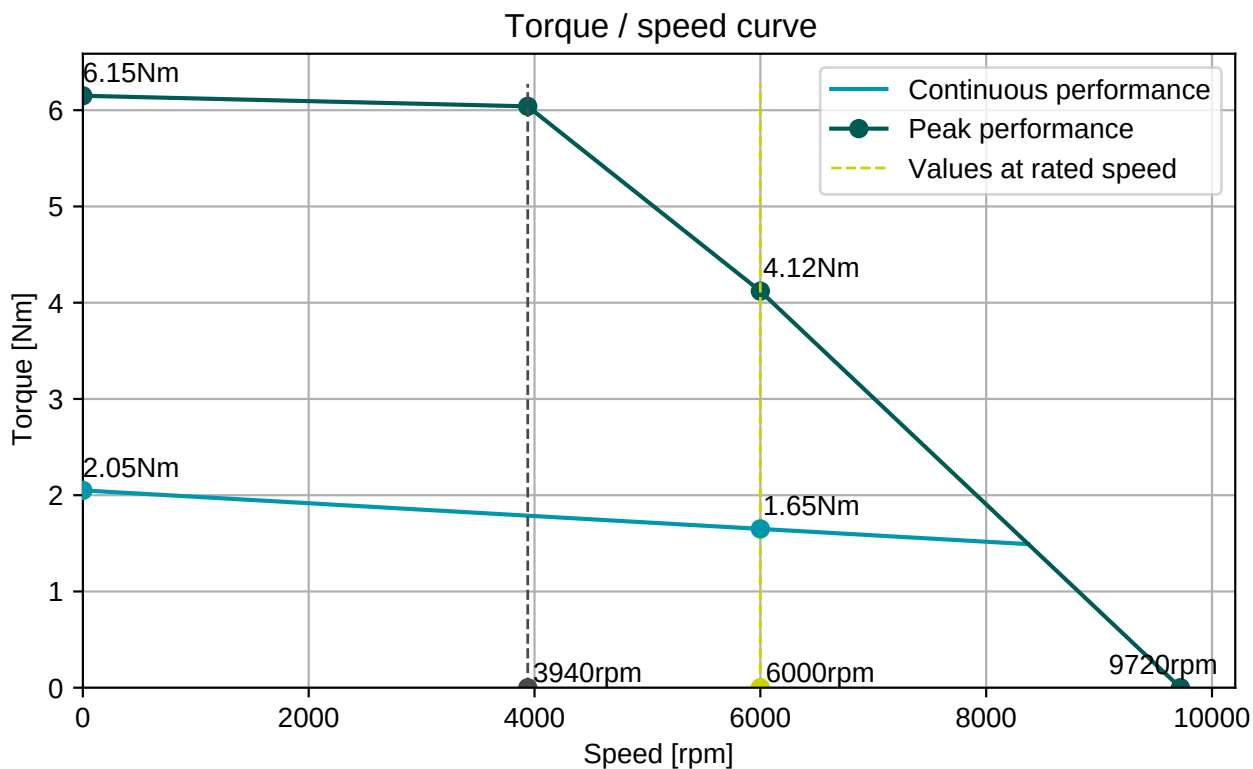


Engineering data (WIN 690)		Mechanical data (setting 5)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.92 ms
Rated voltage	231 V AC (rms)	Thermal time constant	23 min
Rated power	1.0 kW	Rotor inertia	0.55 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	1.65 Nm	Color	RAL 9005
Rated current	3.47 A (rms)	Cooling	Convection
Peak torque	6.15 Nm	Max. axial force 20kh	56 N
Peak current	14.5 A (rms)	Max. radial force 20kh	296 N*
Stall torque	2.05 Nm	Max. axial force 100kh	33 N
Stall current	3.18 A (rms)	Max. radial force 100kh	173 N*
No load speed	9720 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	39 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	0.65 Nm / A (rms)	Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Torque constant ±10% @ rated load	0.48 Nm / A (rms)	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
Number of poles	10	Brake	
Electrical time constant	2.55 ms	Braking torque	4.50 Nm
Winding terminal resistance	4 Ω	Voltage	24 V DC
Rotary field terminal inductance	10.2 mH	Power @20°C	12.0 W
Customs info		Current @20°C	0.50 A
HS Code	85015220	Inertia	0.20 kgcm ²
		Mass	0.47 kg


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

