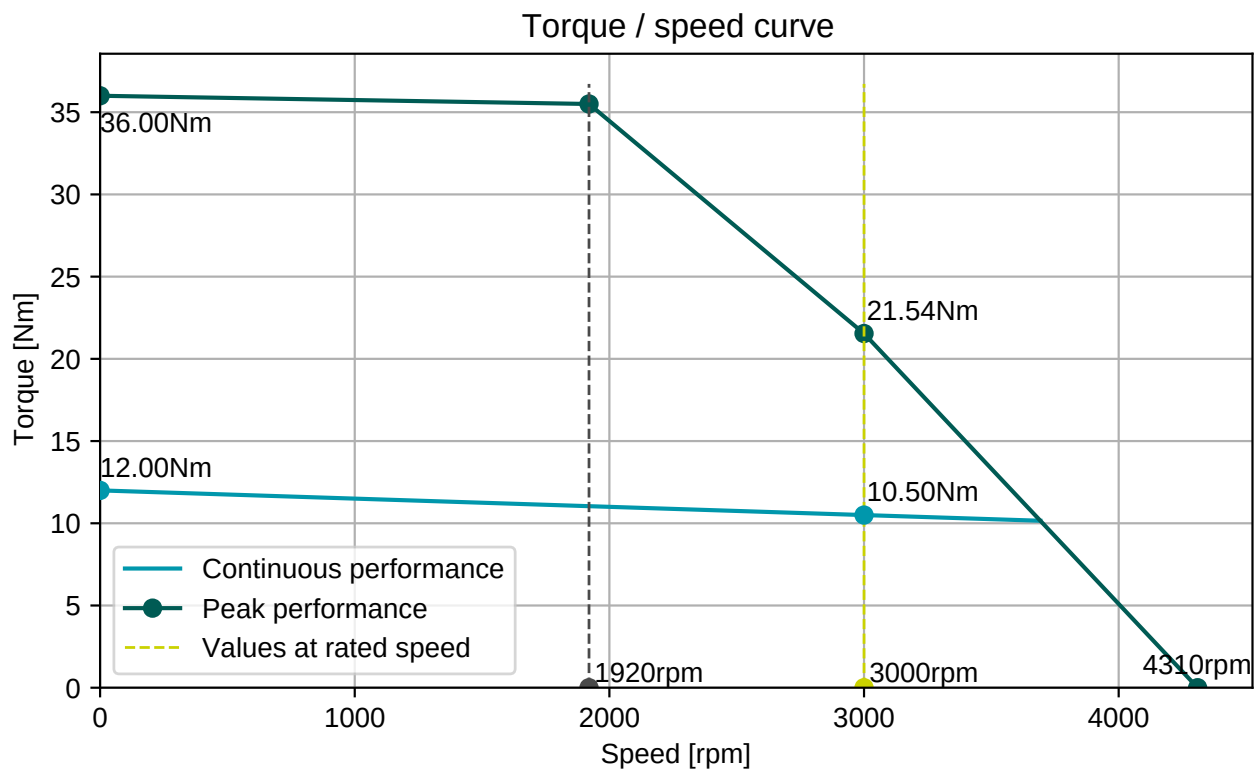


Engineering data (WIN 728)		Mechanical data (setting 46)	
DC bus voltage	320 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.81 ms
Rated voltage	164 V AC (rms)	Thermal time constant	45 min
Rated power	3.3 kW	Rotor inertia	7.9 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	10.50 Nm	Color	RAL 9005
Rated current	14.73 A (rms)	Cooling	Convection
Peak torque	36 Nm	Motor-only mass	8.6 kg
Peak current	52.5 A (rms)	Max. axial force 20kh	129 N
Stall torque	12 Nm	Max. radial force 20kh	681 N*
Stall current	14.2 A (rms)	Max. axial force 100kh	76 N
No load speed	4310 rpm	Max. radial force 100kh	398 N*
EMF constant ±10%	51 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.84 Nm / A (rms)		
Torque constant ±10% @ rated load	0.71 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	8.10 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	0.42 Ω	Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits
Rotary field terminal inductance	3.4 mH	Brake	
Customs info		Braking torque	18.00 Nm
HS Code	85015220	Voltage	24 V DC
		Power @20°C	24.0 W
		Current @20°C	1.00 A
		Inertia	2.00 kgcm ²
		Mass	1.80 kg


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

