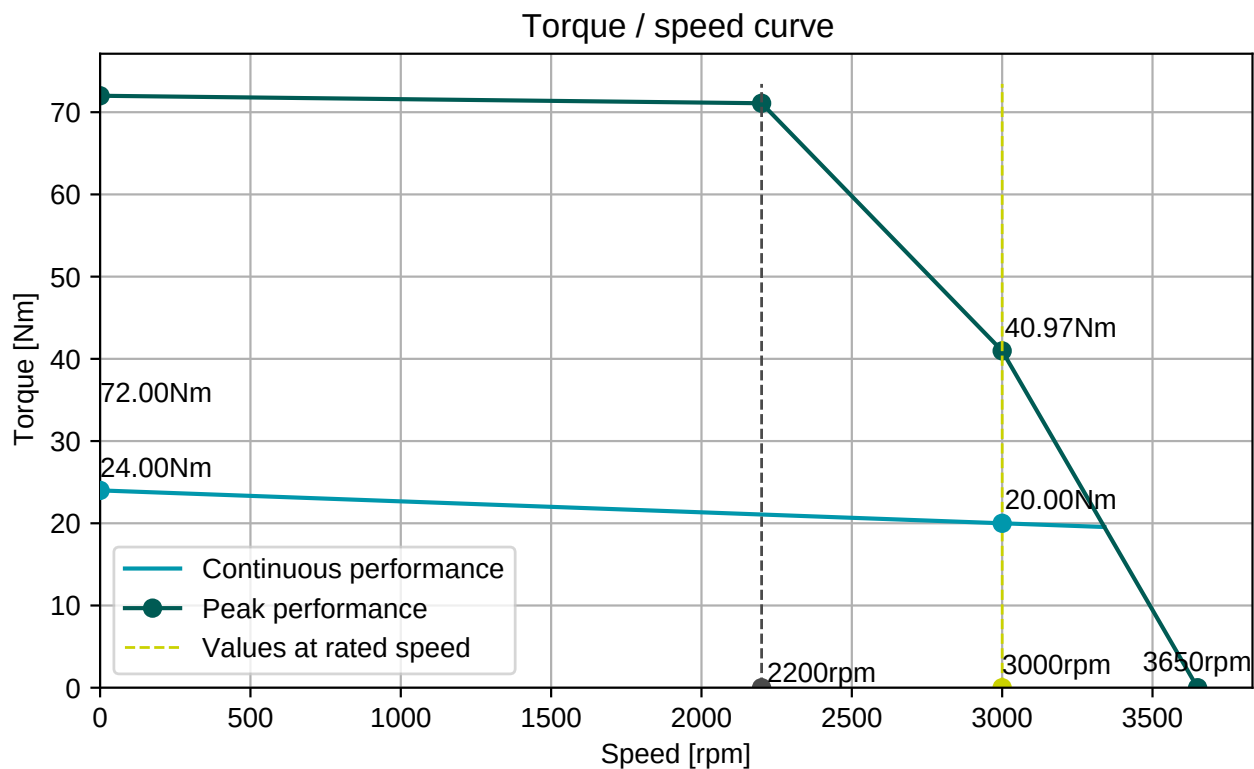


Engineering data (WIN 863)		Mechanical data (setting 16)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.61 ms
Rated voltage	296 V AC (rms)	Thermal time constant	75 min
Rated power	6.3 kW	Rotor inertia	18.7 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	20.00 Nm	Color	RAL 9005
Rated current	14.35 A (rms)	Cooling	Convection
Peak torque	72 Nm	Motor-only mass	14.6 kg
Peak current	47.9 A (rms)	Max. axial force 20kh	147 N
Stall torque	24 Nm	Max. radial force 20kh	775 N*
Stall current	14 A (rms)	Max. axial force 100kh	86 N
No load speed	3650 rpm	Max. radial force 100kh	453 N*
EMF constant ±10%	104 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.72 Nm / A (rms)		
Torque constant ±10% @ rated load	1.39 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	8.93 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	0.56 Ω	Feedback	SRM50 (Hiperface) multi-turn, 1024 sin/cos+12bits
Rotary field terminal inductance	5 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

