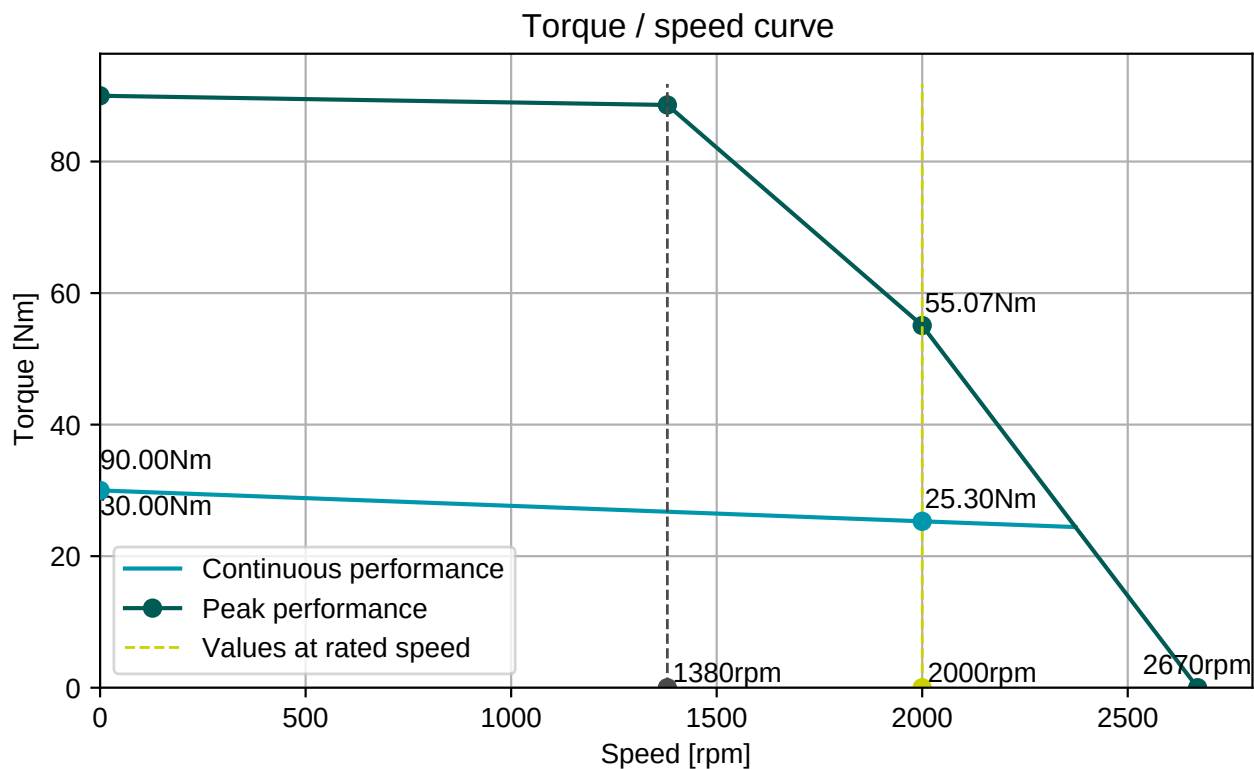


Engineering data (WIN 985)		Mechanical data (setting 46)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.65 ms
Rated voltage	288 V AC (rms)	Thermal time constant	52 min
Rated power	5.3 kW	Rotor inertia	32.7 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	25.30 Nm	Color	RAL 9005
Rated current	12.92 A (rms)	Cooling	Convection
Peak torque	90 Nm	Motor-only mass	22.5 kg
Peak current	45.9 A (rms)	Max. axial force 20kh	159 N
Stall torque	30 Nm	Max. radial force 20kh	839 N*
Stall current	12.8 A (rms)	Max. axial force 100kh	93 N
No load speed	2670 rpm	Max. radial force 100kh	491 N*
EMF constant ±10%	142 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.35 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	1.96 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits
Electrical time constant	14.60 ms	Brake	
Winding terminal resistance	0.63 Ω	Braking torque	36.00 Nm
Rotary field terminal inductance	9.2 mH	Voltage	24 V DC
Customs info		Power @20°C	26.0 W
HS Code	85015220	Current @20°C	1.08 A
		Inertia	6.20 kgcm ²
		Mass	2.85 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

