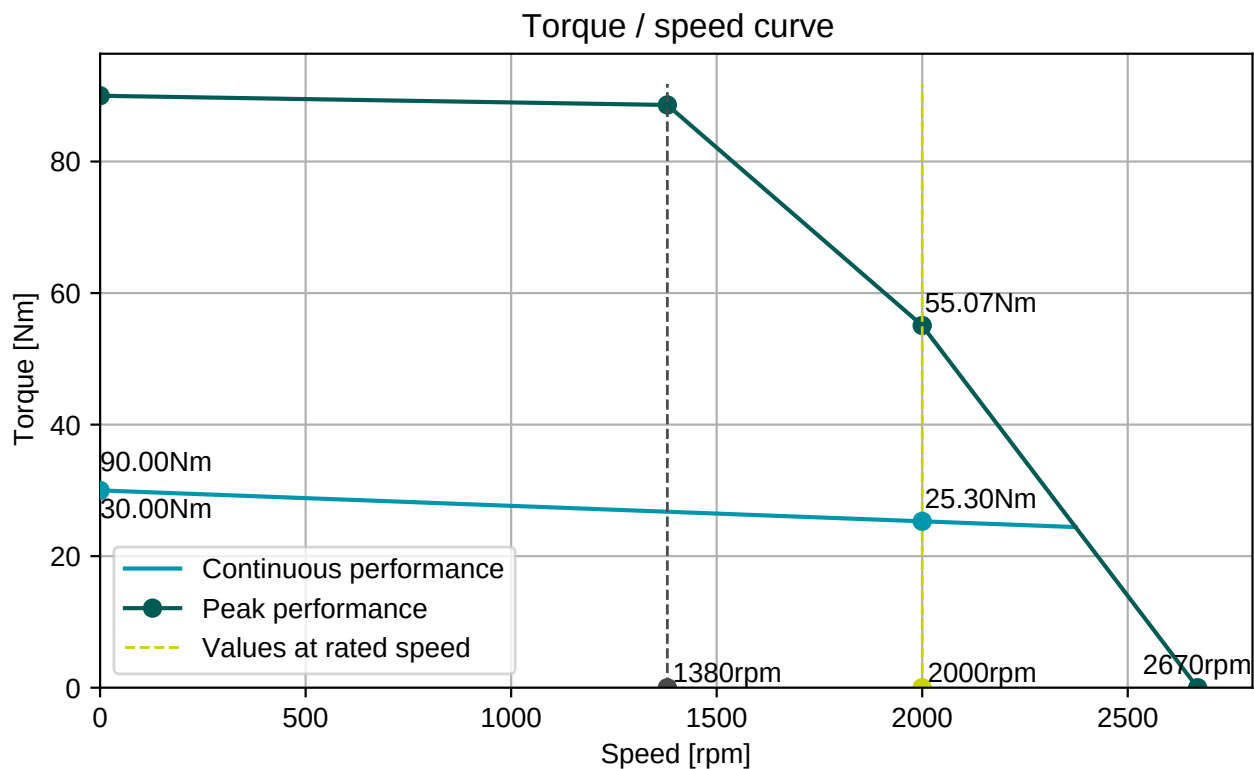


Engineering data (WIN 985)		Mechanical data (setting 46)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.65 ms
Rated voltage	288 V AC (rms)	Thermal time constant	52 min
Rated power	5.3 kW	Rotor inertia	32.7 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	25.30 Nm	Color	RAL 9005
Rated current	12.92 A (rms)	Cooling	Convection
Peak torque	90 Nm	Motor-only mass	18 kg
Peak current	45.9 A (rms)	Max. axial force 20kh	156 N
Stall torque	30 Nm	Max. radial force 20kh	820 N*
Stall current	12.8 A (rms)	Max. axial force 100kh	91 N
No load speed	2670 rpm	Max. radial force 100kh	480 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)		
Torque constant ±10% @ rated load	1.96 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits	
Number of poles	10		
Electrical time constant	14.60 ms		
Winding terminal resistance	0.63 Ω		
Rotary field terminal inductance	9.2 mH		
Customs info			
HS Code	85015220		


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

