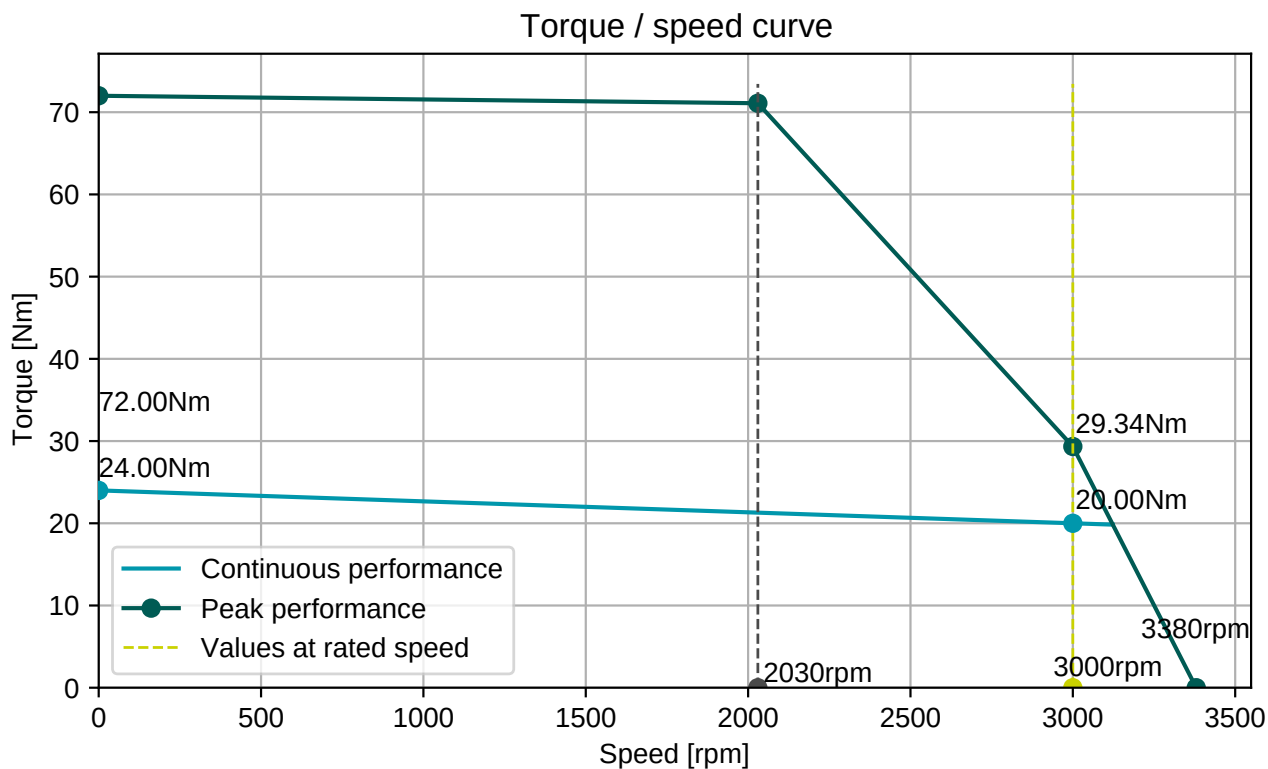


Engineering data (WIN 977)		Mechanical data (setting 46)	
DC bus voltage	320 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.62 ms
Rated voltage	185 V AC (rms)	Thermal time constant	75 min
Rated power	6.3 kW	Rotor inertia	18.7 kgcm²
Rated speed	3000 rpm	Protection	IP64
Rated torque	20.00 Nm	Color	RAL 9005
Rated current	22.97 A (rms)	Cooling	Convection
Peak torque	72 Nm	Motor-only mass	13.5 kg
Peak current	76.6 A (rms)	Max. axial force 20kh	146 N
Stall torque	24 Nm	Max. radial force 20kh	770 N*
Stall current	22.3 A (rms)	Max. axial force 100kh	86 N
No load speed	3380 rpm	Max. radial force 100kh	450 N*
EMF constant ±10%	65 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.08 Nm / A (rms)		
Torque constant ±10% @ rated load	0.87 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback SKS36 (Hiperface) single-turn, 128 sin/cos	
Number of poles	10		
Electrical time constant	9.09 ms		
Winding terminal resistance	0.22 Ω		
Rotary field terminal inductance	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

