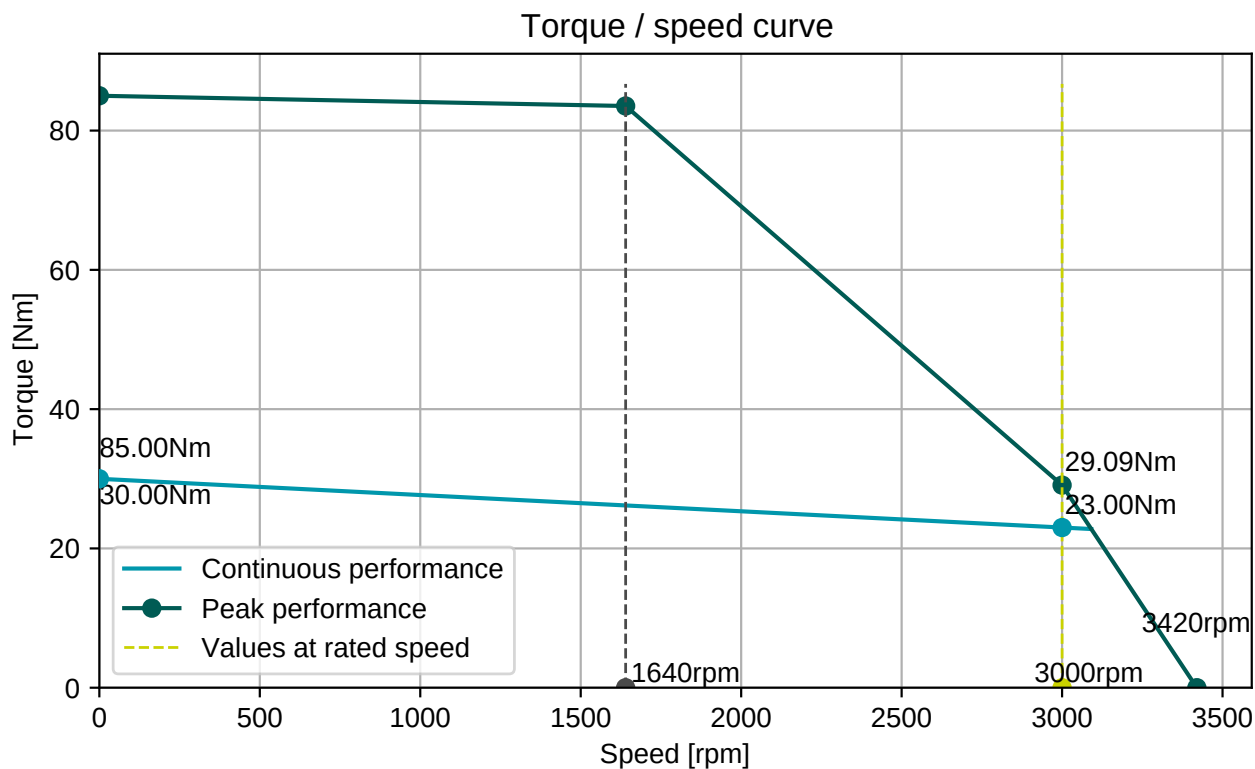


Engineering data (WIN 861)		Mechanical data (setting 16)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	1.04 ms
Rated voltage	333 V AC (rms)	Thermal time constant	80 min
Rated power	7.2 kW	Rotor inertia	49.5 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	23.00 Nm	Color	RAL 9005
Rated current	15.52 A (rms)	Cooling	Convection
Peak torque	85 Nm	Motor-only mass	15.5 kg
Peak current	57.7 A (rms)	Max. axial force 20kh	231 N
Stall torque	30 Nm	Max. radial force 20kh	1214 N*
Stall current	16.3 A (rms)	Max. axial force 100kh	135 N
No load speed	3420 rpm	Max. radial force 100kh	710 N*
EMF constant ±10%	111 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.84 Nm / A (rms)		
Torque constant ±10% @ rated load	1.48 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback SRS50 (Hiperface) single-turn, 1024 sin/cos+12bits	
Number of poles	10		
Electrical time constant	15.61 ms		
Winding terminal resistance	0.41 Ω		
Rotary field terminal inductance	6.4 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

