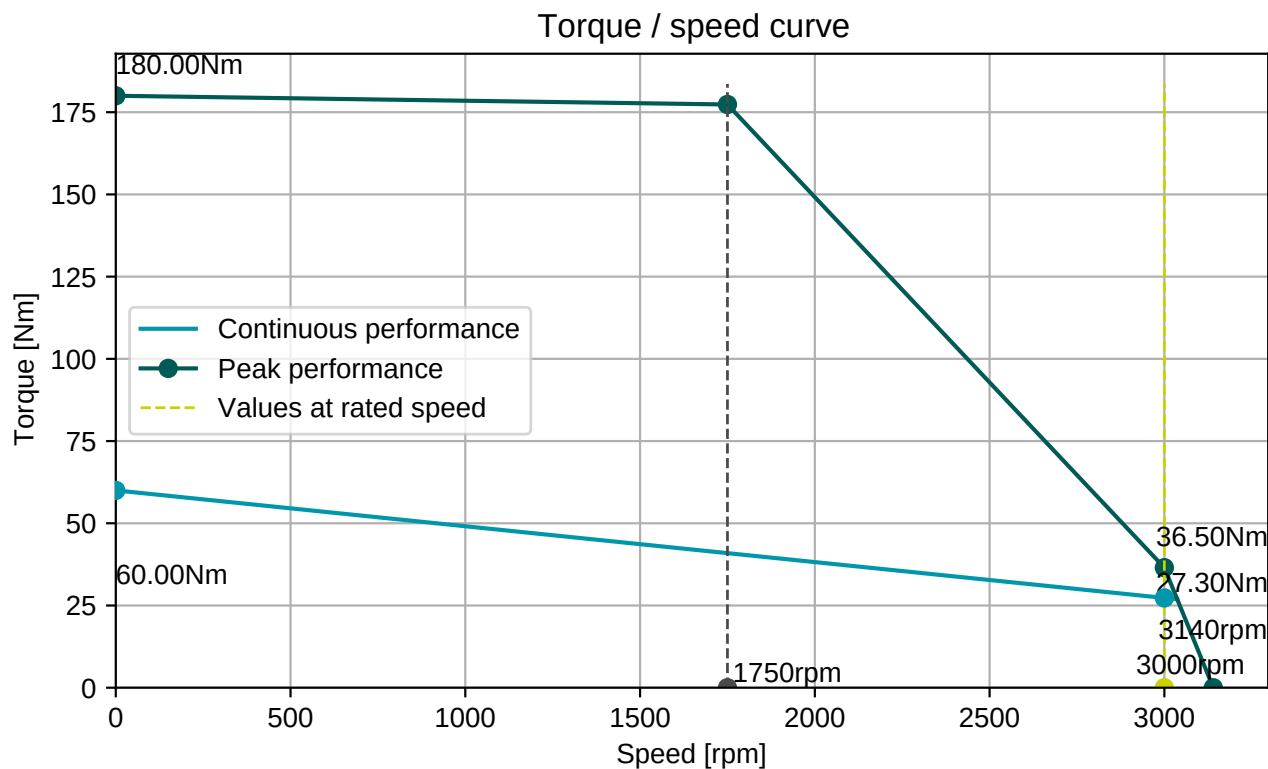


Engineering data (WIN 1165)		Mechanical data (setting 16)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.69 ms
Rated voltage	349 V AC (rms)	Thermal time constant	108 min
Rated power	8.6 kW	Rotor inertia	107 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	27.30 Nm	Color	RAL 9005
Rated current	16.18 A (rms)	Cooling	Convection
Peak torque	180 Nm	Motor-only mass	30.5 kg
Peak current	101.8 A (rms)	Max. axial force 20kh	264 N
Stall torque	60 Nm	Max. radial force 20kh	1388 N*
Stall current	30 A (rms)	Max. axial force 100kh	154 N
No load speed	3140 rpm	Max. radial force 100kh	811 N*
EMF constant ±10%	125 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.067 Nm / A (rms)		
Torque constant ±10% @ rated load	1.687 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback SRM50 (Hiperface) multi-turn, 1024 sin/cos+12bits	
Number of poles	10		
Electrical time constant	18.75 ms		
Winding terminal resistance	0.16 Ω		
Rotary field terminal inductance	3 mH		
Customs info			
HS Code	85015230		


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

