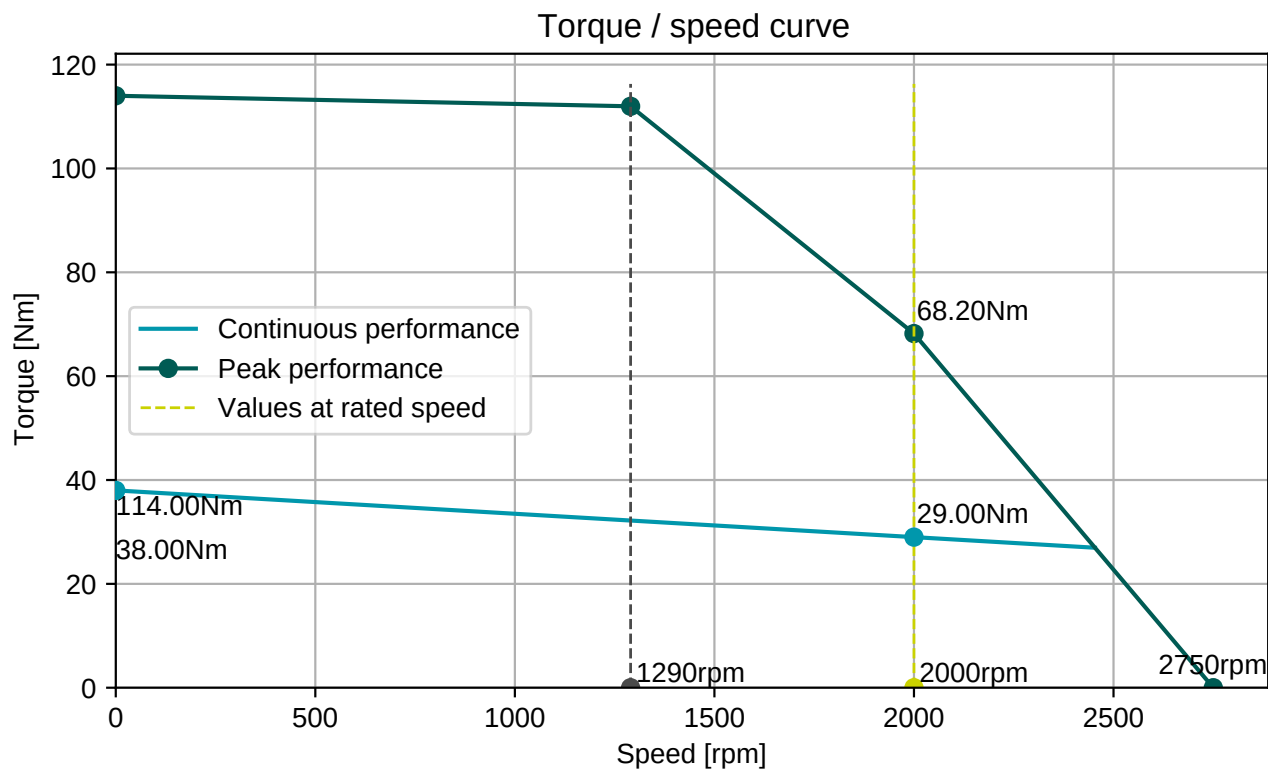


Engineering data (WIN 898)		Mechanical data (setting 16)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.69 ms
Rated voltage	284 V AC (rms)	Thermal time constant	57 min
Rated power	6.1 kW	Rotor inertia	39.9 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	29.00 Nm	Color	RAL 9005
Rated current	14.95 A (rms)	Cooling	Convection
Peak torque	114 Nm	Motor-only mass	20.2 kg
Peak current	64.4 A (rms)	Max. axial force 20kh	161 N
Stall torque	38 Nm	Max. radial force 20kh	849 N*
Stall current	16.6 A (rms)	Max. axial force 100kh	94 N
No load speed	2750 rpm	Max. radial force 100kh	496 N*
EMF constant ±10%	138 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.28 Nm / A (rms)		
Torque constant ±10% @ rated load	1.94 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback SRM50 (Hiperface) multi-turn, 1024 sin/cos+12bits	
Number of poles	10		
Electrical time constant	13.85 ms		
Winding terminal resistance	0.52 Ω		
Rotary field terminal inductance	7.2 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

