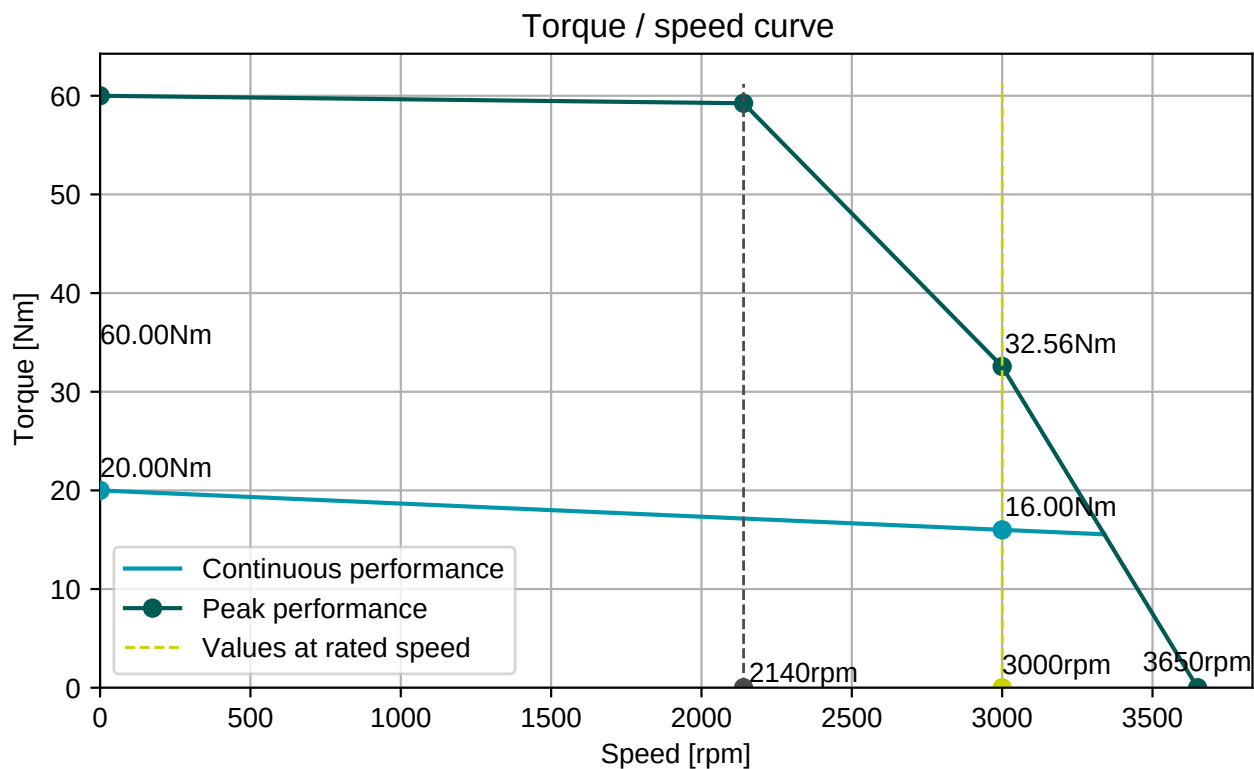


Engineering data (WIN 733)		Mechanical data (setting 46)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.62 ms
Rated voltage	297 V AC (rms)	Thermal time constant	65 min
Rated power	5.0 kW	Rotor inertia	15.1 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	16.00 Nm	Color	RAL 9005
Rated current	11.5 A (rms)	Cooling	Convection
Peak torque	60 Nm	Motor-only mass	11.5 kg
Peak current	39.8 A (rms)	Max. axial force 20kh	142 N
Stall torque	20 Nm	Max. radial force 20kh	746 N*
Stall current	11.6 A (rms)	Max. axial force 100kh	83 N
No load speed	3650 rpm	Max. radial force 100kh	436 N*
EMF constant ±10%	104 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.72 Nm / A (rms)		
Torque constant ±10% @ rated load	1.39 Nm / A (rms)		
Number of poles	10		
Electrical time constant	8.99 ms		
Winding terminal resistance	0.701 Ω		
Rotary field terminal inductance	6.3 mH		

Customs info	
HS Code	85015220

Sensors	
Temperature	PT1000 {PT1000}
Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits



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

