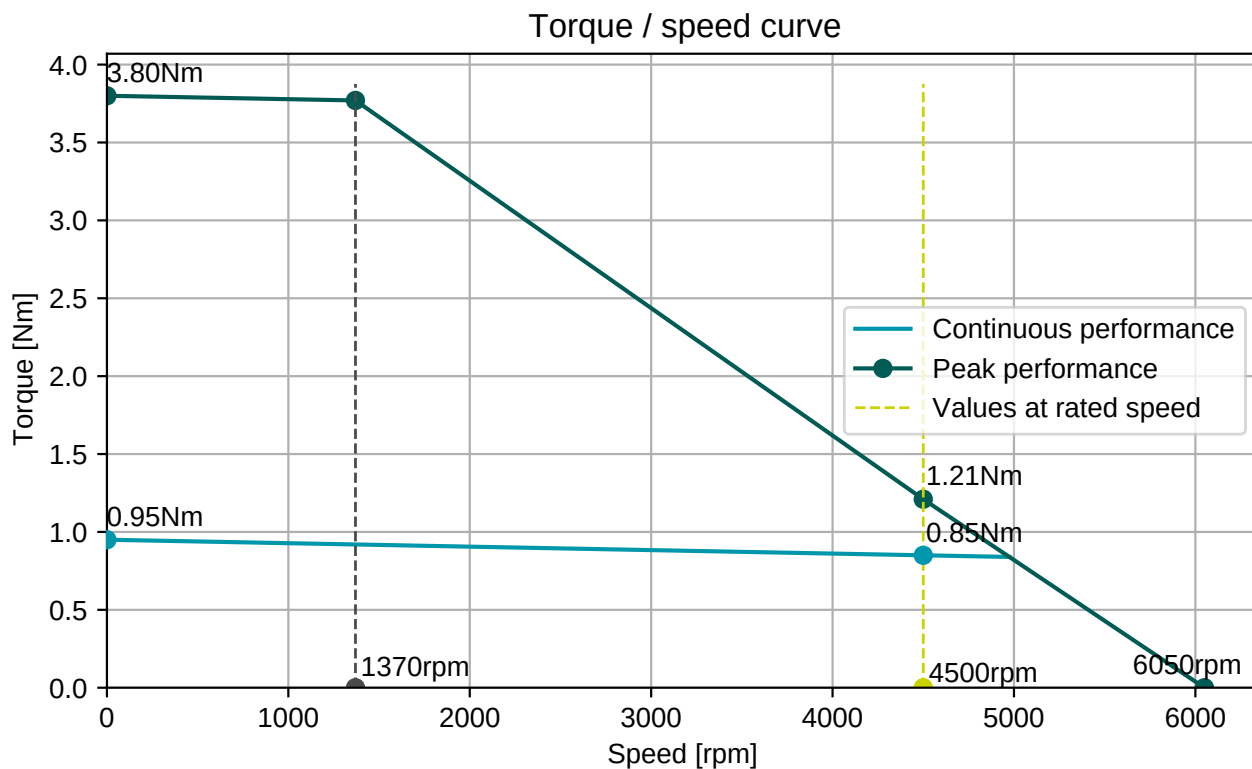


Engineering data (WIN 1246)		Mechanical data (setting 47)	
DC bus voltage	72 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	50 V AC (rms)	Mech. time constant	0.99 ms
Rated voltage	46 V AC (rms)	Thermal time constant	18 min
Rated power	401 W	Rotor inertia	0.11 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	0.85 Nm	Color	RAL 9005
Rated current	6.53 A (rms)	Cooling	Convection
Peak torque	3.8 Nm	Motor-only mass	1.7 kg
Peak current	32.2 A (rms)	Max. axial force 20kh	36 N
Stall torque	0.95 Nm	Max. radial force 20kh	190 N*
Stall current	7 A (rms)	Max. axial force 100kh	21 N
No load speed	6050 rpm	Max. radial force 100kh	111 N*
EMF constant ±10%	8.2 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.136 Nm / A (rms)		
Torque constant ±10% @ rated load	0.130 Nm / A (rms)	Sensors Temperature KTY 84-130 {KTY 84-130 Reissmann} Feedback KN35 (Comcoder) 4096 imp./rev. + Hall, 6 poles	
Number of poles	6		
Electrical time constant	1.36 ms		
Winding terminal resistance	0.96 Ω		
Rotary field terminal inductance	1.31 mH		
Customs info			
HS Code	85015100		



BGC110N00001216000

M23, 8 poles, rotary



AGC113N00001215000

M23, 17 poles, rotary



Connector 1 (1)

1	U
4	V
3	W
2	PE
A	Therm+
B	Therm-
C	Brake+
D	Brake-

Connector 2 (373)

1	B
2	B/
3	A/
4	A
5	N/
6	N
7	GND
10	Vcc
12	V
13	W
14	U
15	V/
16	W/
17	U/

