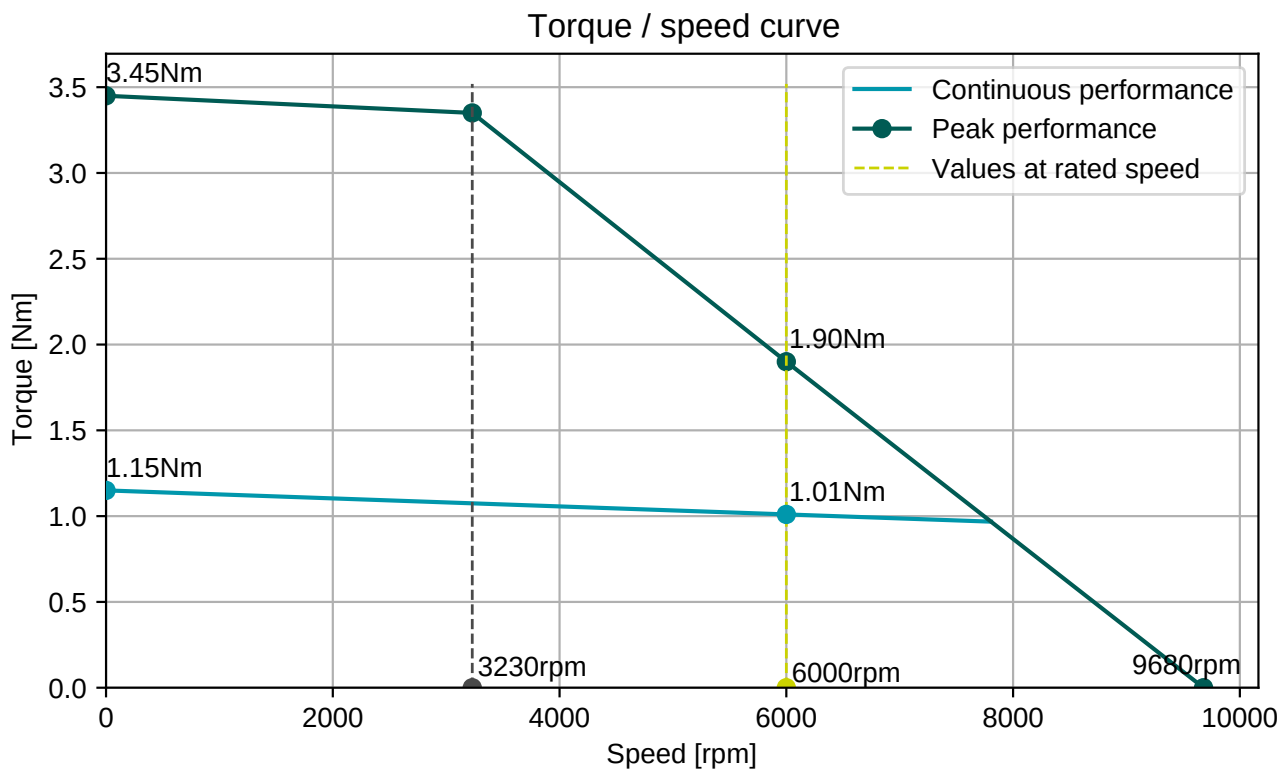


Engineering data (WIN 719)		Mechanical data (setting 46)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	1.38 ms
Rated voltage	269 V AC (rms)	Thermal time constant	21 min
Rated power	635 W	Rotor inertia	0.31 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	1.01 Nm	Color	RAL 9005
Rated current	1.99 A (rms)	Cooling	Convection
Peak torque	3.45 Nm	Motor-only mass	1.5 kg
Peak current	7.8 A (rms)	Max. axial force 20kh	43 N
Stall torque	1.15 Nm	Max. radial force 20kh	225 N*
Stall current	1.78 A (rms)	Max. axial force 100kh	25 N
No load speed	9680 rpm	Max. radial force 100kh	131 N*
EMF constant ±10%	39 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.65 Nm / A (rms)		
Torque constant ±10% @ rated load	0.51 Nm / A (rms)		
Number of poles	10		
Electrical time constant	2.15 ms		
Winding terminal resistance	10.71 Ω		
Rotary field terminal inductance	23 mH		

Customs info	
HS Code	85015100

Sensors	
Temperature	PT1000 {PT1000}
Feedback	SKS36 (Hiperface) single-turn, 128 sin/cos


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

