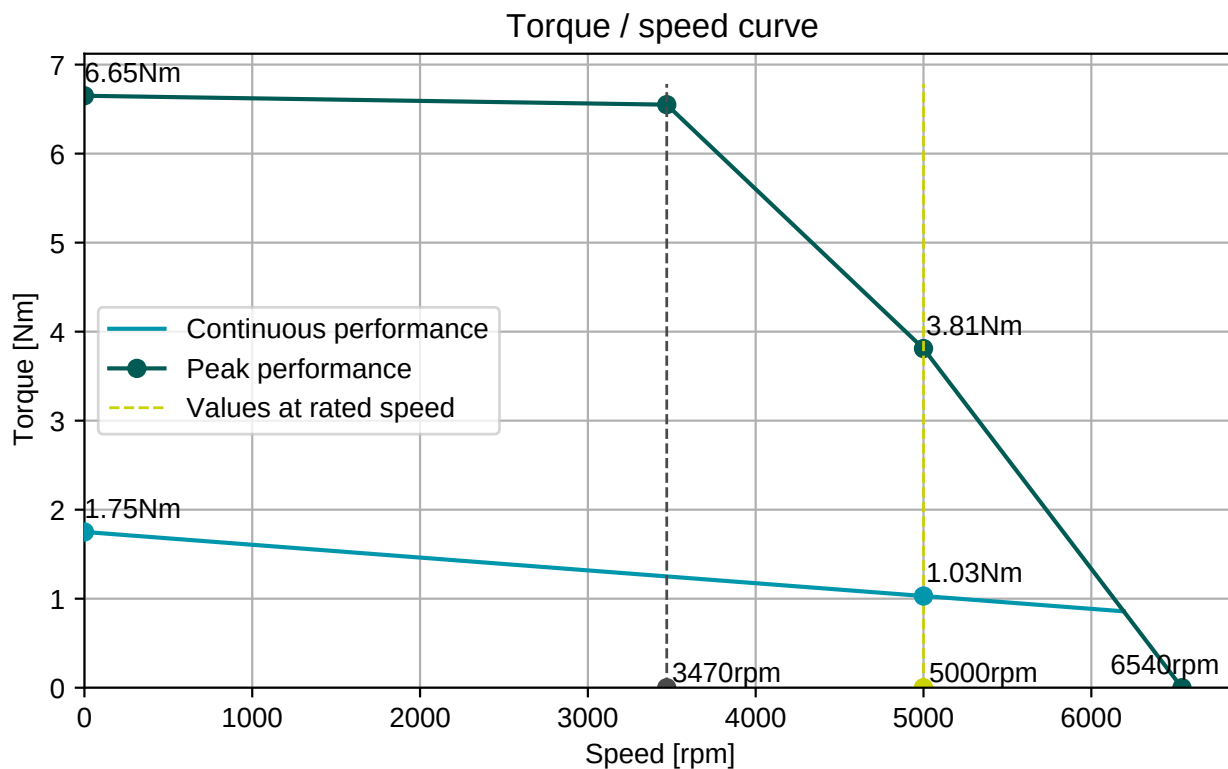


Engineering data (WIN 1621)		Mechanical data (setting 5)							
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm						
Nominal AC voltage	220 V AC (rms)	Mech. time constant	1.38 ms						
Rated voltage	167 V AC (rms)	Thermal time constant	28 min						
Rated power	539 W	Rotor inertia	0.68 kgcm²						
Rated speed	5000 rpm	Protection	IP64						
Rated torque	1.03 Nm	Color	RAL 9005						
Rated current	2.24 A (rms)	Cooling	Convection						
Peak torque	6.65 Nm	Motor-only mass	1.9 kg						
Peak current	14 A (rms)	Max. axial force 20kh	45 N						
Stall torque	1.75 Nm	Max. radial force 20kh	239 N*						
Stall current	3.16 A (rms)	Max. axial force 100kh	27 N						
No load speed	6540 rpm	Max. radial force 100kh	140 N*						
EMF constant ±10%	33.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length							
Theoretical torque constant ±10%	0.554 Nm / A (rms)								
Torque constant ±10% @ rated load	0.460 Nm / A (rms)	<table><tr><th colspan="2">Sensors</th></tr><tr><td>Temperature</td><td>PT1000 {PT1000}</td></tr><tr><td>Feedback</td><td>2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)</td></tr></table>		Sensors		Temperature	PT1000 {PT1000}	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
Sensors									
Temperature	PT1000 {PT1000}								
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)								
Number of poles	10								
Electrical time constant	1.43 ms								
Winding terminal resistance	3.607 Ω								
Rotary field terminal inductance	5.17 mH								

Customs info	
HS Code	85015100


BGC110N00001216000

M23, 8 poles, rotary


AGC052N00001215000

M23, 12 poles, rotary


Connector 1 (9)

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

Connector 2 (10)

2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1

