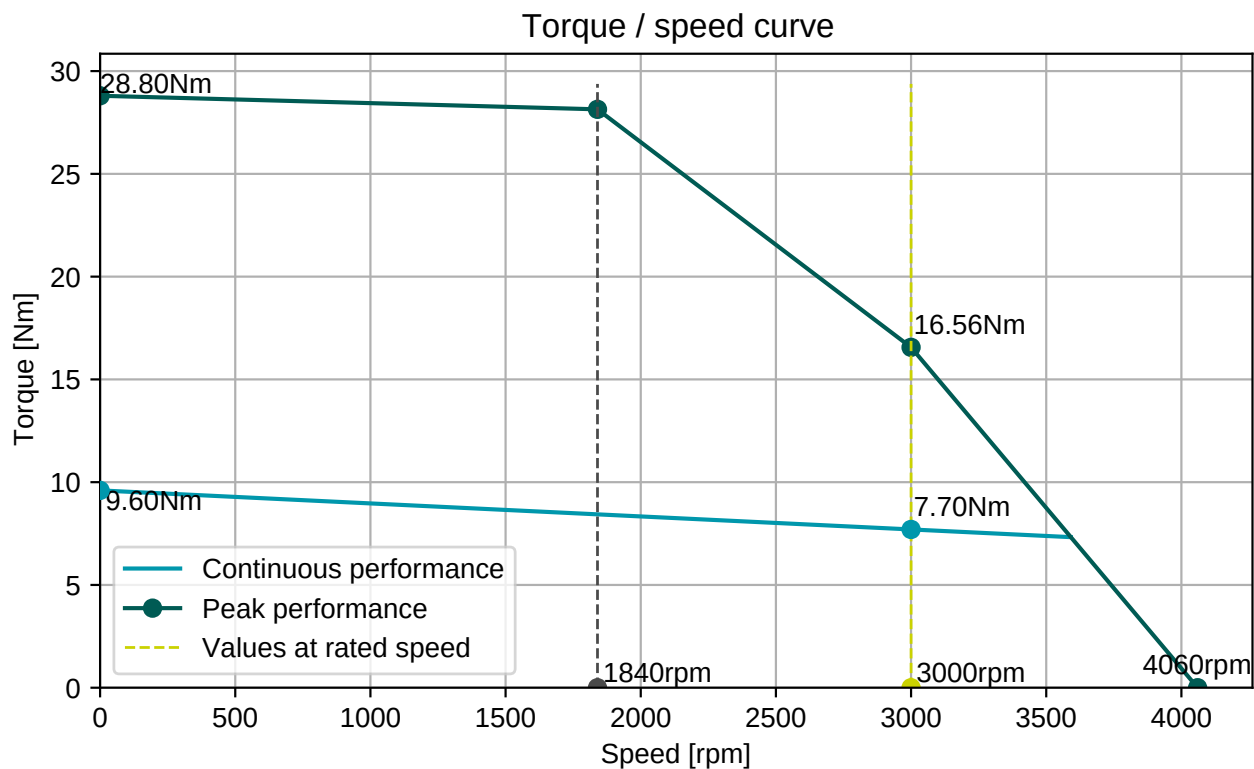


Engineering data (WIN 712)		Mechanical data (setting 46)							
DC bus voltage	320 V DC	Max mechanical speed	9000 rpm						
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.58 ms						
Rated voltage	161 V AC (rms)	Thermal time constant	35 min						
Rated power	2.4 kW	Rotor inertia	4.49 kgcm²						
Rated speed	3000 rpm	Protection	IP64						
Rated torque	7.70 Nm	Color	RAL 9005						
Rated current	10.84 A (rms)	Cooling	Convection						
Peak torque	28.8 Nm	Motor-only mass	6.4 kg						
Peak current	49.2 A (rms)	Max. axial force 20kh	131 N						
Stall torque	9.6 Nm	Max. radial force 20kh	689 N*						
Stall current	10.7 A (rms)	Max. axial force 100kh	77 N						
No load speed	4060 rpm	Max. radial force 100kh	403 N*						
EMF constant ±10%	54 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length							
Theoretical torque constant ±10%	0.89 Nm / A (rms)								
Torque constant ±10% @ rated load	0.71 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>SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits</td></tr></table>		Sensors		Temperature	PT1000 {PT1000}	Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits
Sensors									
Temperature	PT1000 {PT1000}								
Feedback	SKM36 (Hiperface) multi-turn, 128 sin/cos+12bits								
Number of poles	10								
Electrical time constant	6.10 ms								
Winding terminal resistance	0.59 Ω								
Rotary field terminal inductance	3.6 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

