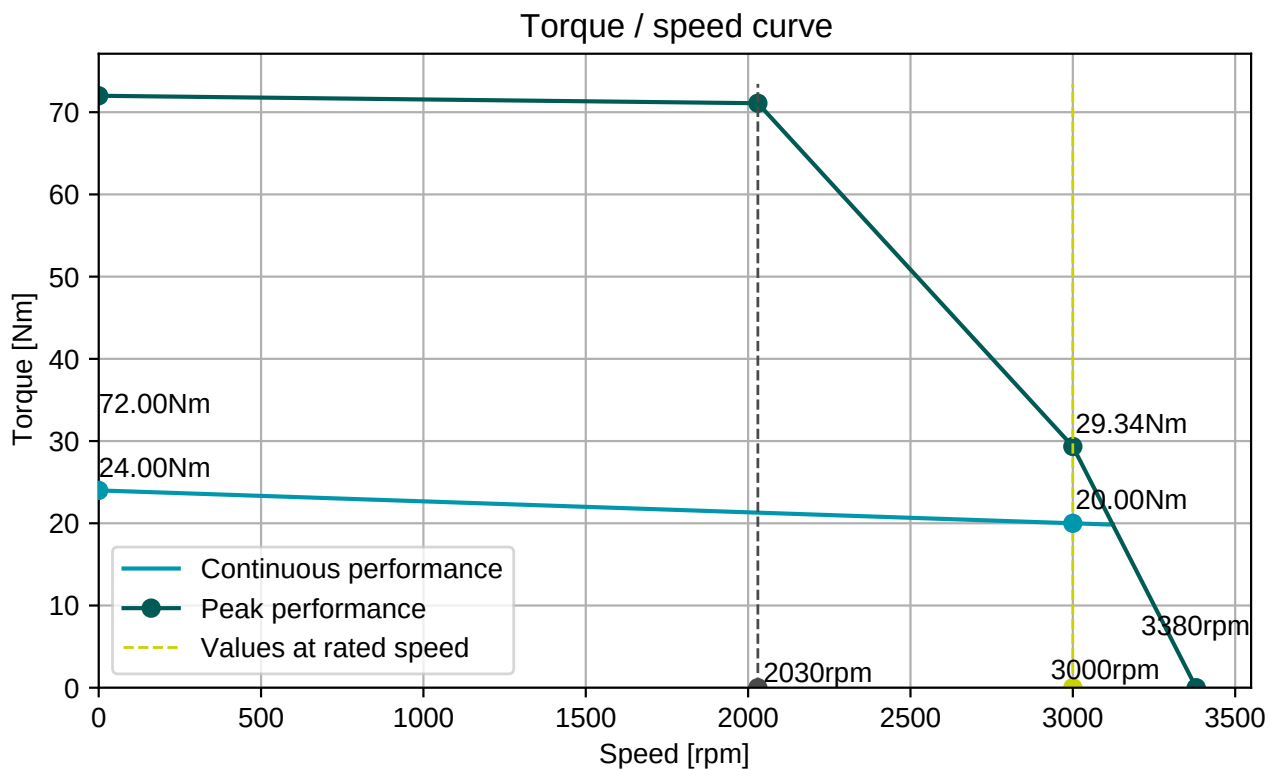


Engineering data (WIN 977)		Mechanical data (setting 16)							
DC bus voltage	320 V DC	Max mechanical speed	9000 rpm						
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.62 ms						
Rated voltage	185 V AC (rms)	Thermal time constant	75 min						
Rated power	6.3 kW	Rotor inertia	18.7 kgcm²						
Rated speed	3000 rpm	Protection	IP64						
Rated torque	20.00 Nm	Color	RAL 9005						
Rated current	22.97 A (rms)	Cooling	Convection						
Peak torque	72 Nm	Motor-only mass	13.5 kg						
Peak current	76.6 A (rms)	Max. axial force 20kh	146 N						
Stall torque	24 Nm	Max. radial force 20kh	770 N*						
Stall current	22.3 A (rms)	Max. axial force 100kh	86 N						
No load speed	3380 rpm	Max. radial force 100kh	450 N*						
EMF constant ±10%	65 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length							
Theoretical torque constant ±10%	1.08 Nm / A (rms)								
Torque constant ±10% @ rated load	0.87 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>SRS50 (Hiperface) single-turn, 1024 sin/cos+12bits</td></tr></table>		Sensors		Temperature	PT1000 {PT1000}	Feedback	SRS50 (Hiperface) single-turn, 1024 sin/cos+12bits
Sensors									
Temperature	PT1000 {PT1000}								
Feedback	SRS50 (Hiperface) single-turn, 1024 sin/cos+12bits								
Number of poles	10								
Electrical time constant	9.09 ms								
Winding terminal resistance	0.22 Ω								
Rotary field terminal inductance	2 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

