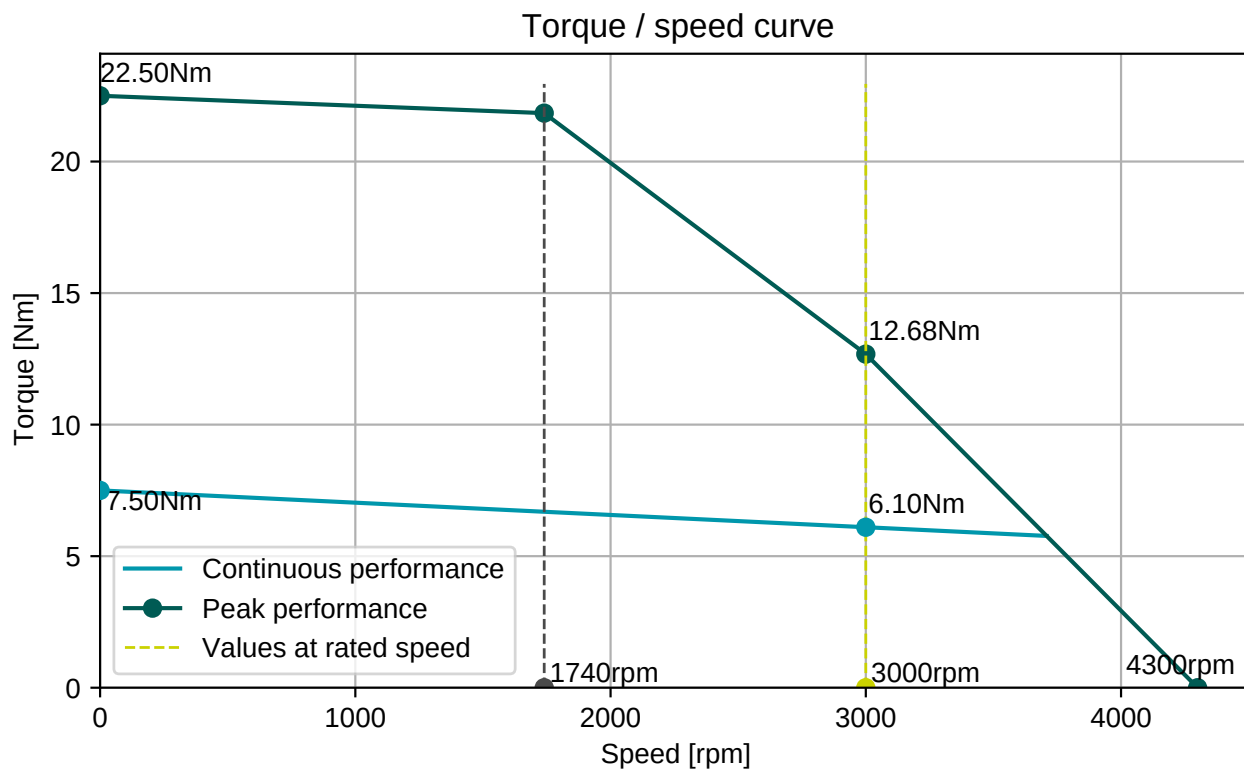


Engineering data (WIN 710)		Mechanical data (setting 29)							
DC bus voltage	320 V DC	Max mechanical speed	9000 rpm						
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.60 ms						
Rated voltage	162 V AC (rms)	Thermal time constant	30 min						
Rated power	1.9 kW	Rotor inertia	3.26 kgcm²						
Rated speed	3000 rpm	Protection	IP64						
Rated torque	6.10 Nm	Color	RAL 9005						
Rated current	8.77 A (rms)	Cooling	Convection						
Peak torque	22.5 Nm	Motor-only mass	3.8 kg						
Peak current	40.7 A (rms)	Max. axial force 20kh	124 N						
Stall torque	7.5 Nm	Max. radial force 20kh	653 N*						
Stall current	8.9 A (rms)	Max. axial force 100kh	73 N						
No load speed	4300 rpm	Max. radial force 100kh	382 N*						
EMF constant ±10%	51 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length							
Theoretical torque constant ±10%	0.84 Nm / A (rms)								
Torque constant ±10% @ rated load	0.70 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>EQI1131 (EnDat 2.2) multi-turn, 19 + 12 bits</td></tr></table>		Sensors		Temperature	PT1000 {PT1000}	Feedback	EQI1131 (EnDat 2.2) multi-turn, 19 + 12 bits
Sensors									
Temperature	PT1000 {PT1000}								
Feedback	EQI1131 (EnDat 2.2) multi-turn, 19 + 12 bits								
Number of poles	10								
Electrical time constant	6.32 ms								
Winding terminal resistance	0.76 Ω								
Rotary field terminal inductance	4.8 mH								

Customs info	
HS Code	85015220


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 (293)

1	Vcc (+5V)
2	GND
3	DATA
4	DATA-
5	CLOCK
6	CLOCK-
7	Therm+
8	Therm-
9	Vcc sensor
10	GND sensor

