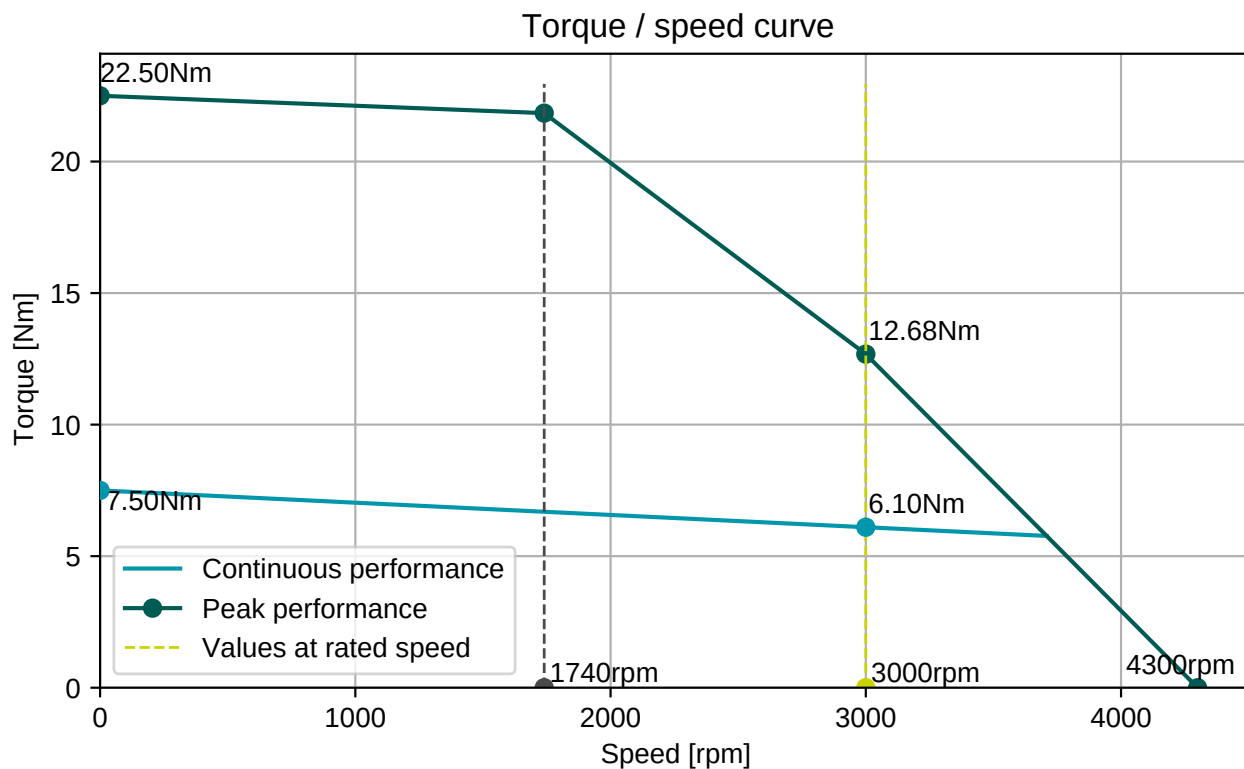


Engineering data (WIN 710)		Mechanical data (setting 5)	
DC bus voltage	320 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.60 ms
Rated voltage	162 V AC (rms)	Thermal time constant	30 min
Rated power	1.9 kW	Rotor inertia	3.26 kgcm ²
Rated speed	3000 rpm	Protection	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	5.1 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)	Sensors Temperature PTC 111-K13 {PTC 111-K13 Reissmann} Feedback 2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)	
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		


Cable SF4x1,5, D=9,6±0,4mm
Cable R4x2x0,25, D=6,8±0,4mm

Connector 1 (21)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-

Numbers printed on the cables

Connector 2 (22)	
white	R1
brown	R2
grey	S1
green	S2
pink	S3
yellow	S4
red	Therm+
blue	Therm-

