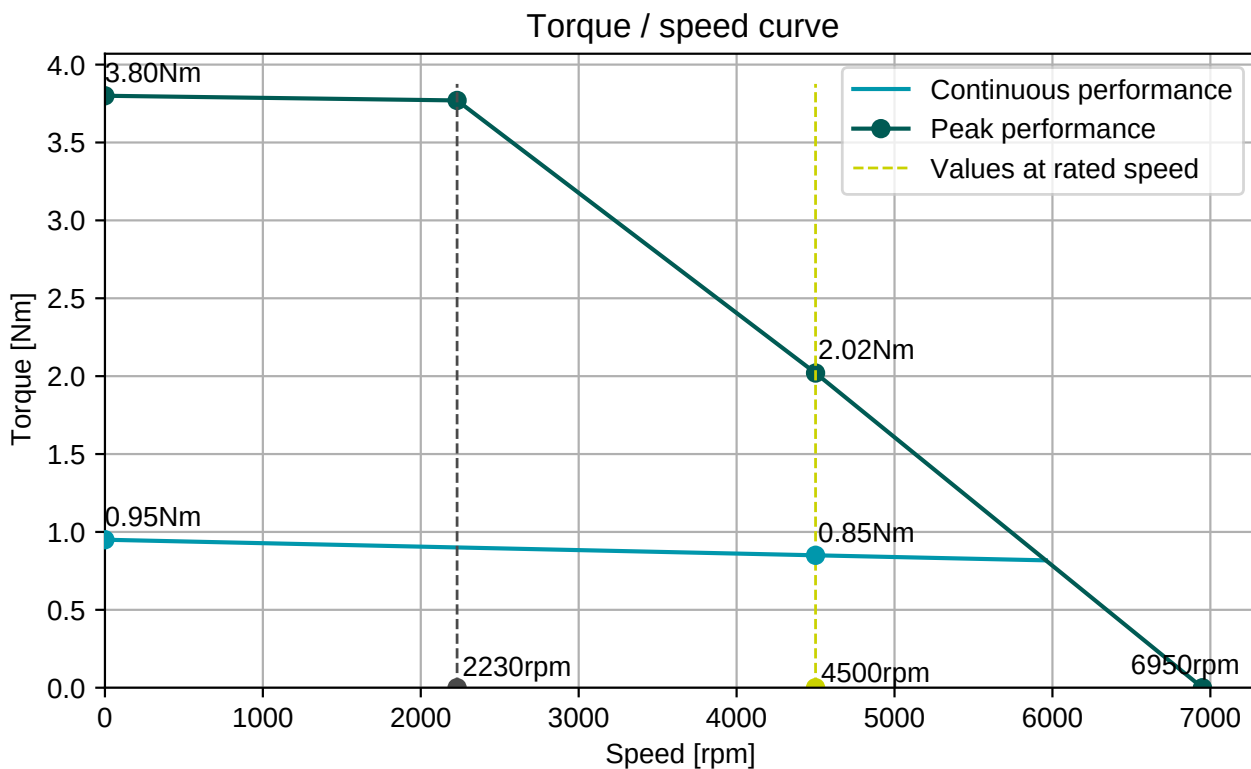


Engineering data (WIN 745)		Mechanical data (setting 5)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.92 ms
Rated voltage	172 V AC (rms)	Thermal time constant	18 min
Rated power	401 W	Rotor inertia	0.11 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	0.85 Nm	Color	RAL 9005
Rated current	1.7 A (rms)	Cooling	Convection
Peak torque	3.8 Nm	Max. axial force 20kh	44 N
Peak current	8.4 A (rms)	Max. radial force 20kh	230 N*
Stall torque	0.95 Nm	Max. axial force 100kh	26 N
Stall current	1.82 A (rms)	Max. radial force 100kh	135 N*
No load speed	6950 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	31.5 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	0.52 Nm / A (rms)	Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Torque constant ±10% @ rated load	0.50 Nm / A (rms)	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
Number of poles	6	Brake	
Electrical time constant	1.46 ms	Braking torque	2.00 Nm
Winding terminal resistance	13.05 Ω	Voltage	24 V DC
Rotary field terminal inductance	19 mH	Power @20°C	11.0 W
Customs info		Current @20°C	0.46 A
HS Code	85015100	Inertia	0.08 kgcm ²
		Mass	0.20 kg


Cable SF4x1/(2x0,75), D=10,3±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-

