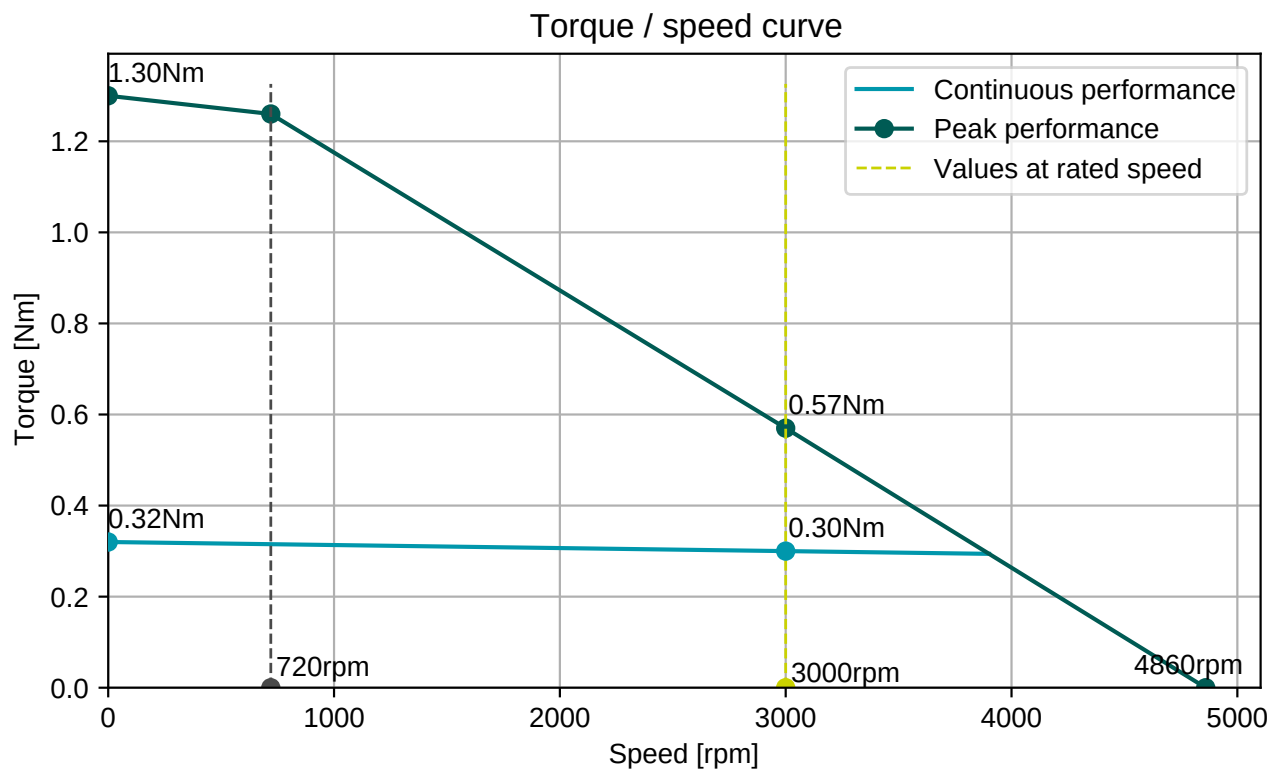


Engineering data (WIN 59)		Mechanical data (setting 5)	
DC bus voltage	30 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	18 V AC (rms)	Mech. time constant	2.07 ms
Rated voltage	15 V AC (rms)	Thermal time constant	15 min
Rated power	94 W	Rotor inertia	0.08 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	0.30 Nm	Color	RAL 9005
Rated current	5.2 A (rms)	Cooling	Convection
Peak torque	1.3 Nm	Motor-only mass	1.2 kg
Peak current	22.5 A (rms)	Max. axial force 20kh	45 N
Stall torque	0.32 Nm	Max. radial force 20kh	237 N*
Stall current	5.2 A (rms)	Max. axial force 100kh	26 N
No load speed	4860 rpm	Max. radial force 100kh	139 N*
EMF constant ±10%	3.7 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.06 Nm / A (rms)		
Torque constant ±10% @ rated load	0.06 Nm / A (rms)	Sensors Temperature UP72T150-140C {UP72T150-140C Uchiya} Feedback 2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)	
Number of poles	6		
Electrical time constant	0.80 ms	Customs info HS Code 85015100	
Winding terminal resistance	0.56 Ω		
Rotary field terminal inductance	0.45 mH		


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-

