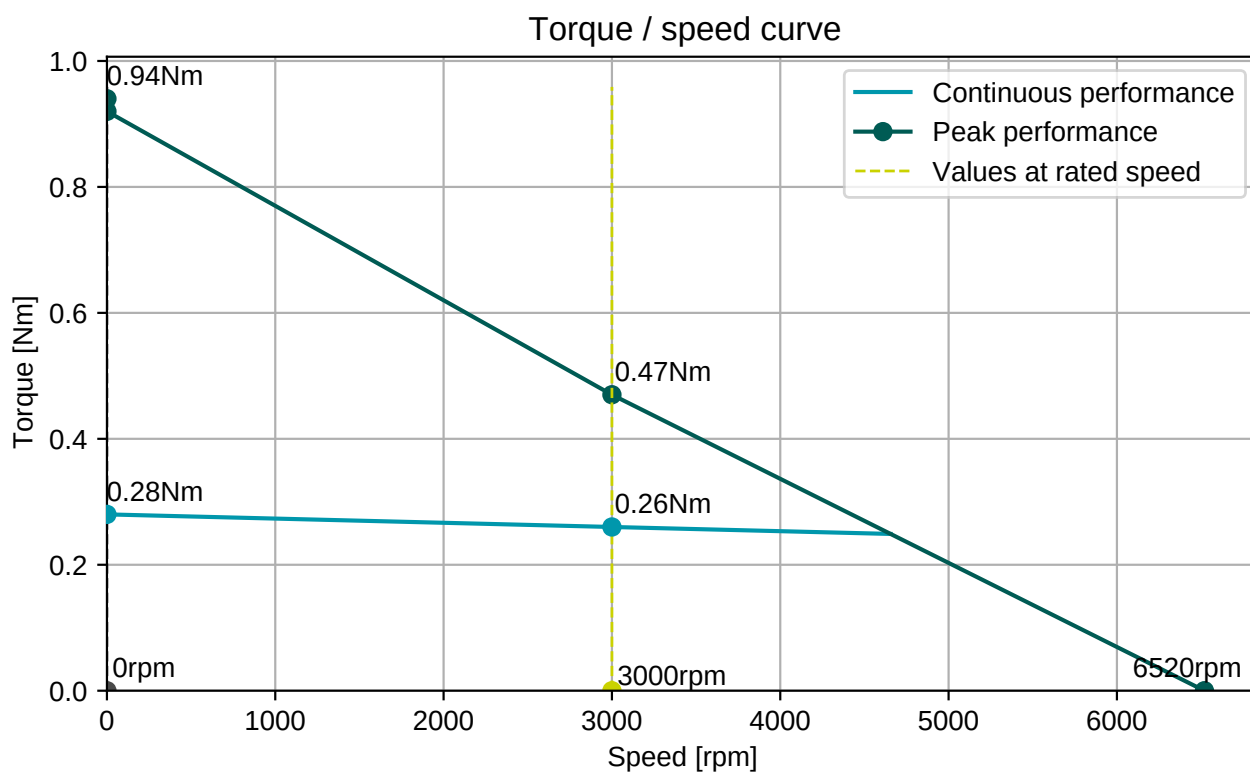


Engineering data (WIN 1173)		Mechanical data (setting 5)	
DC bus voltage	48 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	33 V AC (rms)	Mech. time constant	2.54 ms
Rated voltage	25 V AC (rms)	Thermal time constant	10 min
Rated power	82 W	Rotor inertia	0.05 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	0.26 Nm	Color	RAL 9005
Rated current	3.54 A (rms)	Cooling	Convection
Peak torque	0.94 Nm	Cable length	1 m
Peak current	12.6 A (rms)	Motor-only mass	0.9 kg
Stall torque	0.28 Nm	Max. axial force 20kh	41 N
Stall current	3.46 A (rms)	Max. radial force 20kh	216 N*
No load speed	6520 rpm	Max. axial force 100kh	24 N
EMF constant ±10%	4.9 V AC (rms) / 1000rpm	Max. radial force 100kh	126 N*
Theoretical torque constant ±10%	0.08 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.07 Nm / A (rms)		
Number of poles	6	Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Electrical time constant	1.14 ms	Feedback	6-poles resolver RE-15-3-A14
Winding terminal resistance	1.93 Ω		
Rotary field terminal inductance	2.2 mH		
Customs info			
HS Code	85015100		


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 (17)	
pink	R1
grey	R2
brown	S1
yellow	S2
white	S3
green	S4
red	Therm+
blue	Therm-

