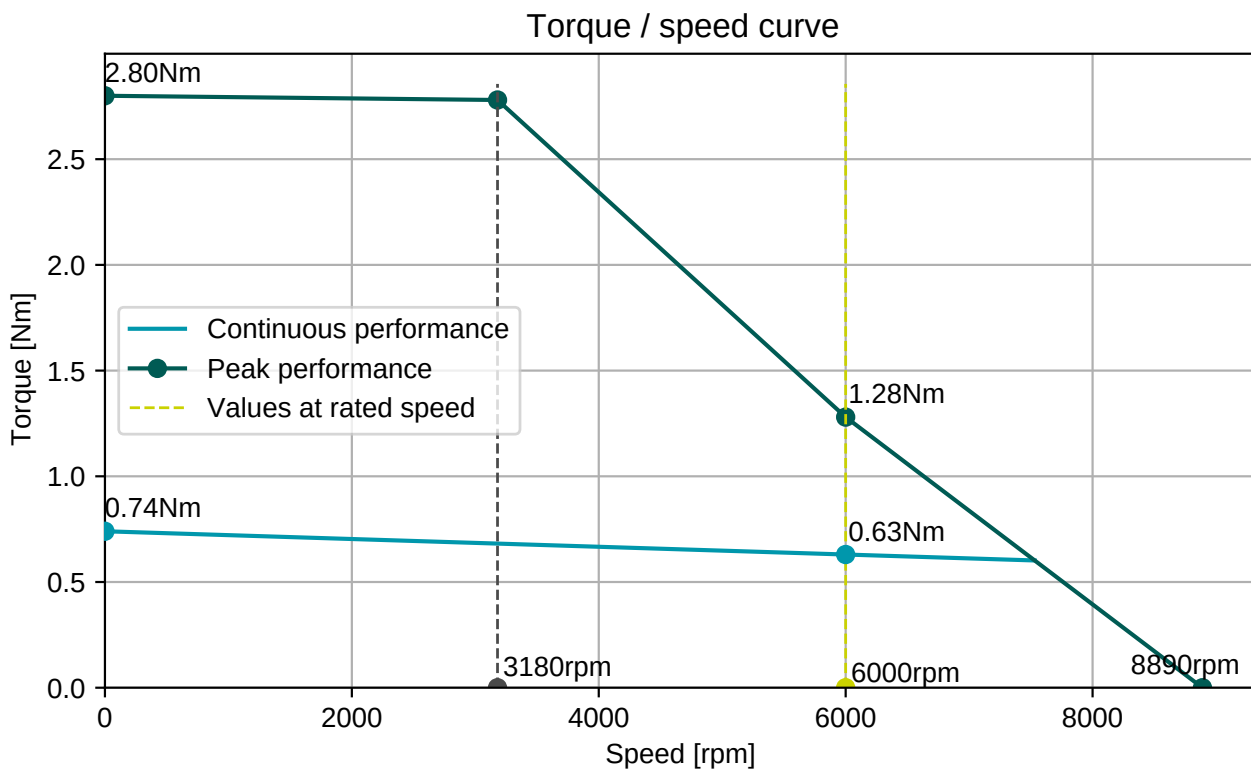


Engineering data (WIN 622)		Mechanical data (setting 5)	
DC bus voltage	48 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	30 V AC (rms)	Mech. time constant	1.04 ms
Rated voltage	24 V AC (rms)	Thermal time constant	20 min
Rated power	396 W	Rotor inertia	0.1 kgcm ²
Rated speed	6000 rpm	Protection	IP65
Rated torque	0.63 Nm	Color	RAL 9005
Rated current	11.77 A (rms)	Cooling	Convection
Peak torque	2.8 Nm	Cable length	1 m
Peak current	54.2 A (rms)	Motor-only mass	1.7 kg
Stall torque	0.74 Nm	Max. axial force 20kh	37 N
Stall current	13.3 A (rms)	Max. radial force 20kh	195 N*
No load speed	8890 rpm	Max. axial force 100kh	22 N
EMF constant ±10%	3.4 V AC (rms) / 1000rpm	Max. radial force 100kh	114 N*
Theoretical torque constant ±10%	0.06 Nm / A (rms)	<i>* Defined for point of action at ½ output shaft length</i>	
Torque constant ±10% @ rated load	0.05 Nm / A (rms)		
Number of poles	6	Sensors	
Electrical time constant	2.11 ms	Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Winding terminal resistance	0.19 Ω	Feedback	6-poles resolver RE-15-3-A14
Rotary field terminal inductance	0.4 mH	Note	
Customs info		The winding of the motor has rated current 11.77 A. Power cable is rated only for 10 A. The motor can be operated only with continuous current limited to 10 A in servoamplifier. Otherwise the power cable could be burned.	
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-

