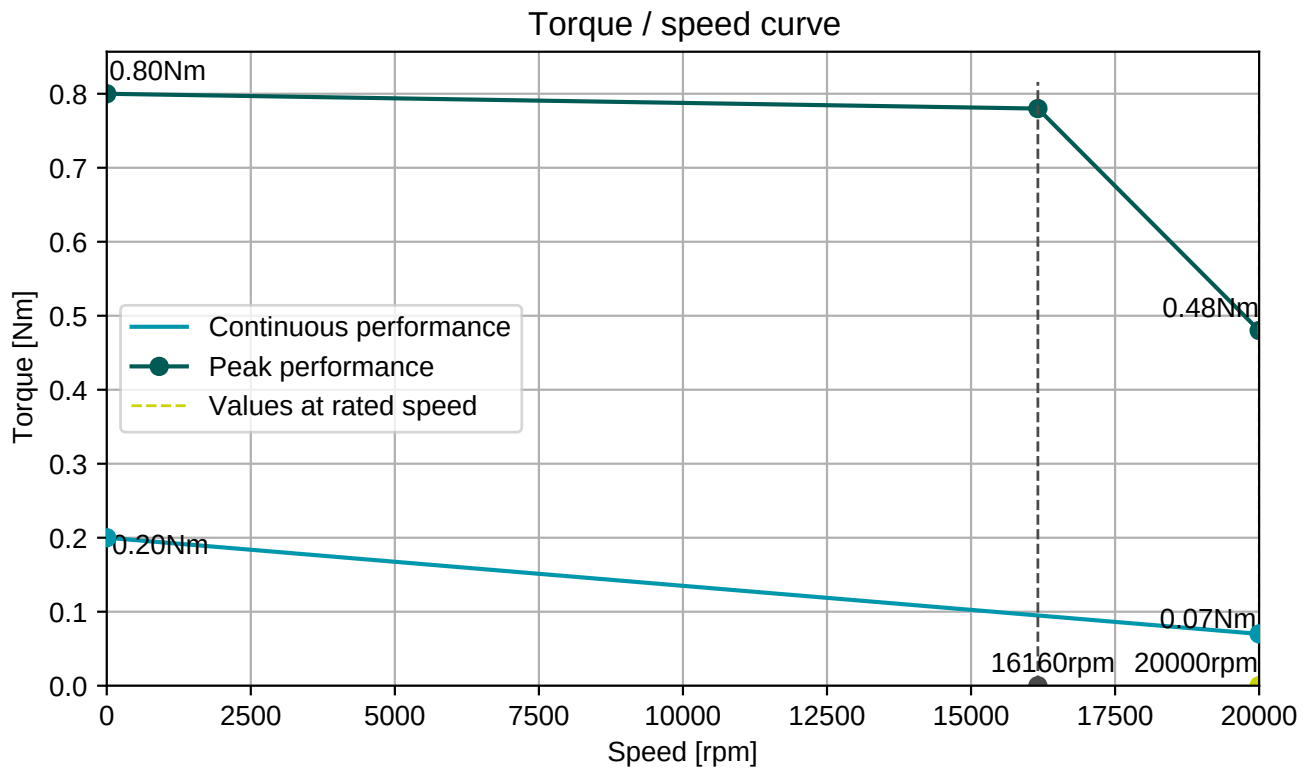


Engineering data (WIN -100034)		Mechanical data (setting 5)	
DC bus voltage	320 V DC	Max mechanical speed	20000 rpm
Nominal AC voltage	200 V AC (rms)	Mech. time constant	3.97 ms
Rated voltage	167 V AC (rms)	Thermal time constant	20 min
Rated power	147 W	Rotor inertia	0.06 kgcm ²
Rated speed	20000 rpm	Protection	IP54
Rated torque	0.07 Nm	Color	RAL 9005
Rated current	0.67 A (rms)	Cooling	Convection
Peak torque	0.8 Nm	Motor-only mass	0.7 kg
Peak current	6.45 A (rms)	Sensors	
Stall torque	0.2 Nm	Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Stall current	1.5 A (rms)	Feedback	2-pole resolver size 10
No load speed	24640 rpm		
EMF constant ±10%	8.1 V AC (rms) / 1000rpm		
Theoretical torque constant ±10%	0.13 Nm / A (rms)		
Torque constant ±10% @ rated load	0.10 Nm / A (rms)		
Number of poles	6		
Electrical time constant	0.36 ms		
Winding terminal resistance	6.86 Ω		
Rotary field terminal inductance	2.44 mH		
Customs info			
HS Code	85015100		



**Power cable 4G0,5 (U,V,W,PE),
D=6,6±0,2mm**

**Resolver cable 4x2x0,14mm,
D=6,8±0,2mm**

Connector 1 (16)	
1	U
2	V
3	W
4	Brake+
5	Brake-
PE	PE

Numbers printed on the cables

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

