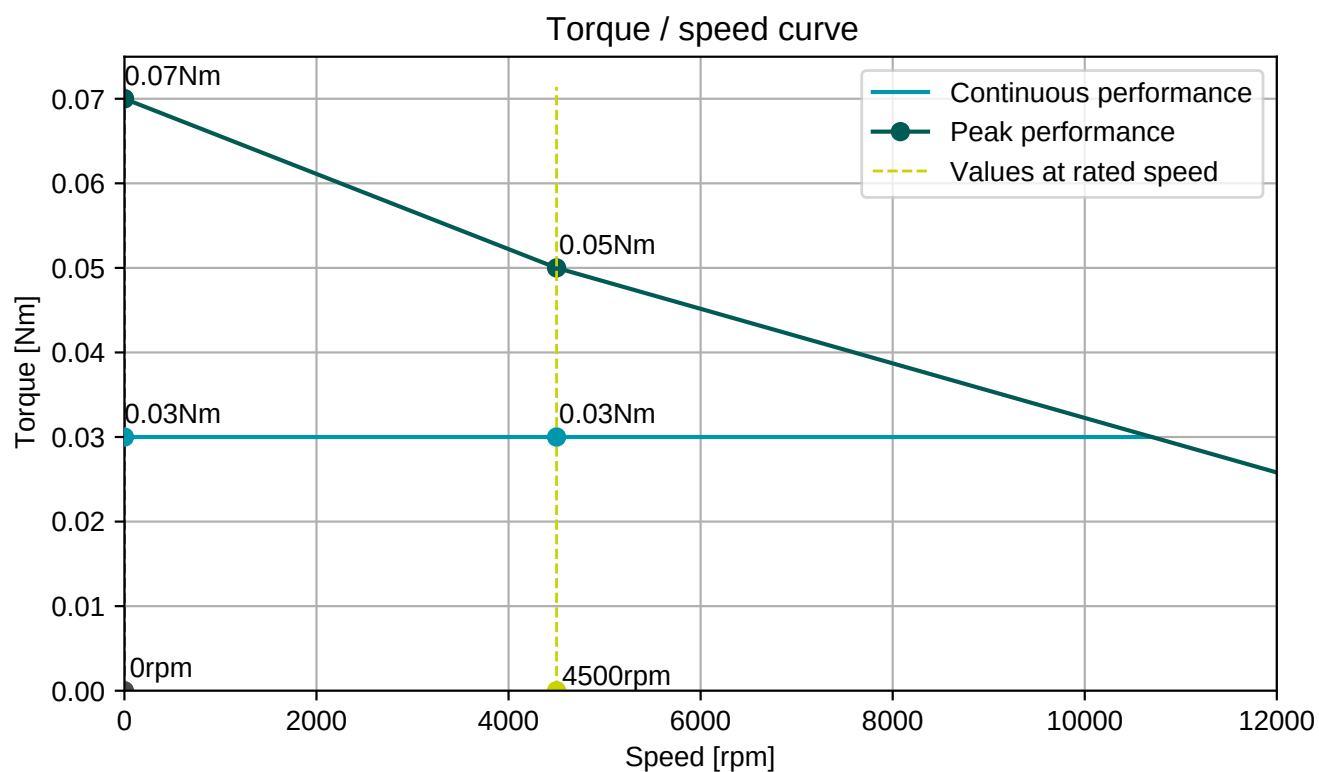


Engineering data (WIN 1)		Mechanical data (setting 5)	
DC bus voltage	24 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	16 V AC (rms)	Mech. time constant	3.75 ms
Rated voltage	11 V AC (rms)	Thermal time constant	0 min
Rated power	14 W	Rotor inertia	0.002 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	0.03 Nm	Color	RAL 9005
Rated current	2.4 A (rms)	Cooling	Convection
Peak torque	0.07 Nm	Motor-only mass	0.1 kg
Peak current	5.1 A (rms)	Sensors	
Stall torque	0.03 Nm	Feedback	2-pole resolver size 8
Stall current	2.27 A (rms)		
No load speed	20000 rpm		
EMF constant ±10%	0.9 V AC (rms) / 1000rpm		
Theoretical torque constant ±10%	0.01 Nm / A (rms)		
Torque constant ±10% @ rated load	0.01 Nm / A (rms)		
Number of poles	6		
Electrical time constant	0.12 ms		
Winding terminal resistance	2.4 Ω		
Rotary field terminal inductance	0.3 mH		
Customs info			
HS Code	85015100		


Connector 1 (31)

white	U
blue	V
red	W
PE	PE
2x Brake	

Connector 2 (32)

red-white	R1
black-white	R2
yellow-white	R2)
red	S1
yellow	S2
black	S3
blue	S4

