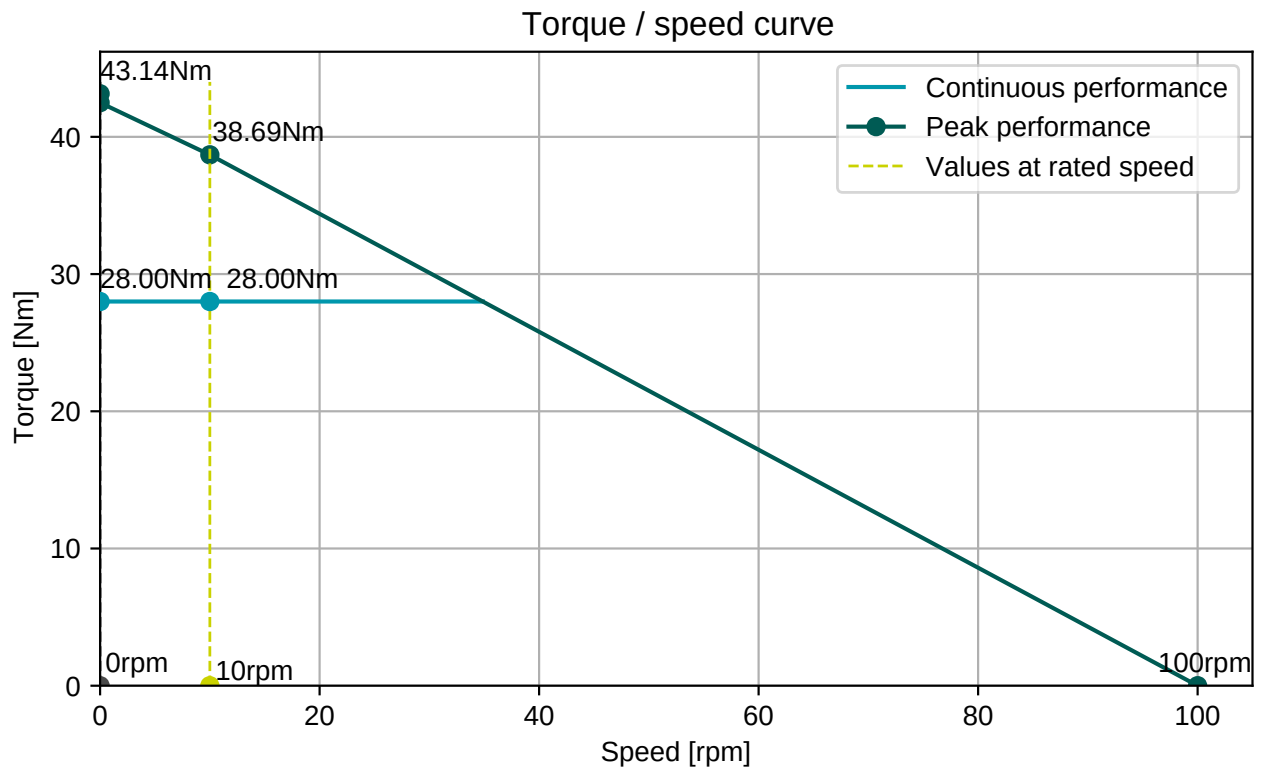


Engineering data (WIN -100028)		Mechanical data (setting 6)	
DC bus voltage	28 V DC	Max mechanical speed	4000 rpm
Nominal AC voltage	19 V AC (rms)	Mech. time constant	1.92 ms
Rated voltage	14 V AC (rms)	Thermal time constant	51 min
Rated power	29 W	Rotor inertia	91.2 kgcm ²
Rated speed	10 rpm	Protection	IP00
Rated torque	28.00 Nm	Color	RAL 9005
Rated current	9.63 A (rms)	Cooling	Convection
Peak torque	43.14 Nm	Motor-only mass	5 kg
Peak current	14.49 A (rms)	Sensors	
Stall torque	28 Nm	Temperature	3x PT1000 separately routed {3 x PT1000}
Stall current	9.4 A (rms)	Note	
No load speed	100 rpm	Preliminary	
EMF constant ±10%	180 V AC (rms) / 1000rpm		
Theoretical torque constant ±10%	2.98 Nm / A (rms)		
Torque constant ±10% @ rated load	2.91 Nm / A (rms)		
Number of poles	38		
Electrical time constant	2.44 ms		
Winding terminal resistance	1.08 Ω		
Rotary field terminal inductance	2.64 mH		
Customs info			
HS Code	85015100		



Connector 1 (322)

white U

blue V

red W

2x Therm

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