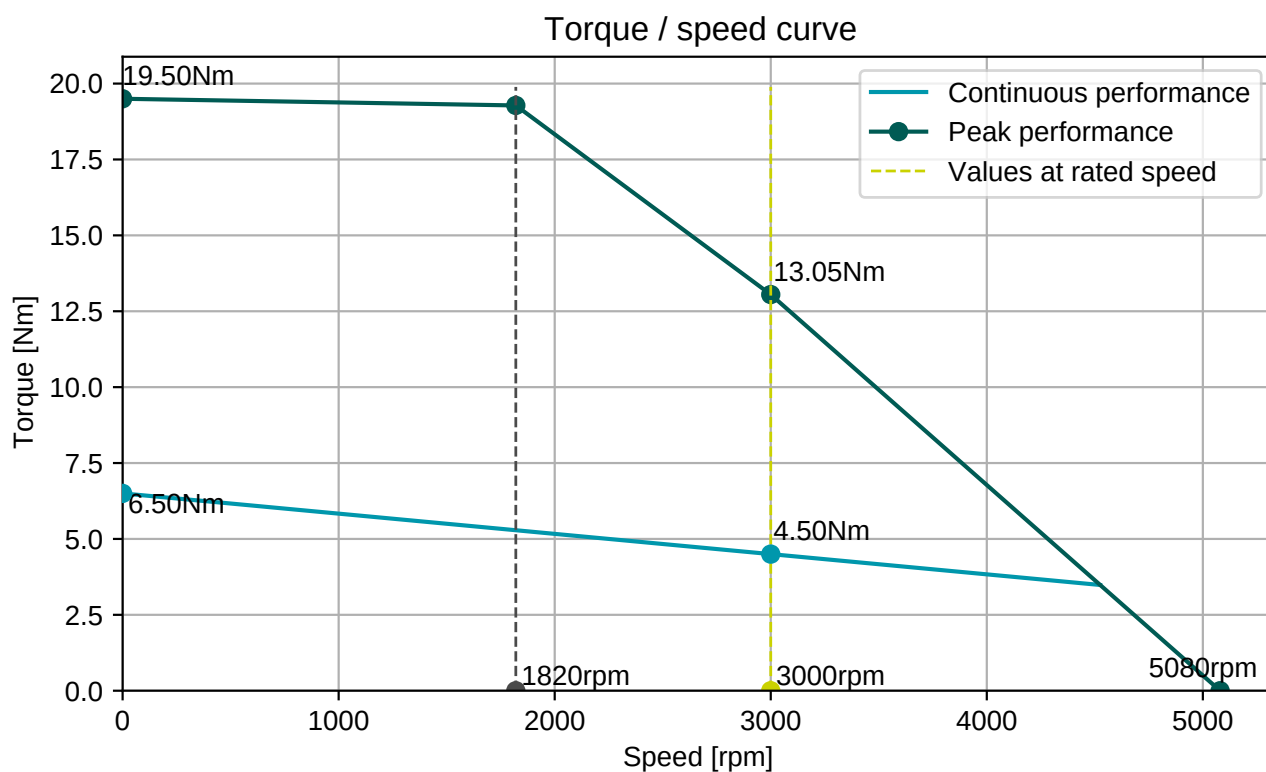


Engineering data (WIN 1346)		Mechanical data (setting 5)	
DC bus voltage	48 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	33 V AC (rms)	Mech. time constant	1.35 ms
Rated voltage	22 V AC (rms)	Thermal time constant	30 min
Rated power	1.4 kW	Rotor inertia	4.7 kgcm ²
Rated speed	3000 rpm	Protection	IP65
Rated torque	4.50 Nm	Color	RAL 9005
Rated current	44.18 A (rms)	Cooling	Convection
Peak torque	19.5 Nm	Motor-only mass	7.3 kg
Peak current	264.7 A (rms)	Sensors	
Stall torque	6.5 Nm	Temperature	PT1000 {PT1000}
Stall current	60.6 A (rms)	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
No load speed	5080 rpm		
EMF constant ±10%	6.48 V AC (rms) / 1000rpm		
Theoretical torque constant ±10%	0.107 Nm / A (rms)		
Torque constant ±10% @ rated load	0.102 Nm / A (rms)		
Number of poles	10		
Electrical time constant	5.79 ms		
Winding terminal resistance	0.019 Ω		
Rotary field terminal inductance	0.11 mH		
Customs info			
HS Code	85015220		


Connector 1 (281)

white	U
blue	V
red	W

Connector 2 (22)

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

