

Engineering data (WIN 1346)

DC bus voltage	48 V DC
Nominal AC voltage	33 V AC (rms)
Rated voltage	22 V AC (rms)
Rated power	1.4 kW
Rated speed	3000 rpm
Rated torque	4.50 Nm
Rated current	44.18 A (rms)
Peak torque	19.5 Nm
Peak current	264.7 A (rms)
Stall torque	6.5 Nm
Stall current	60.6 A (rms)
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
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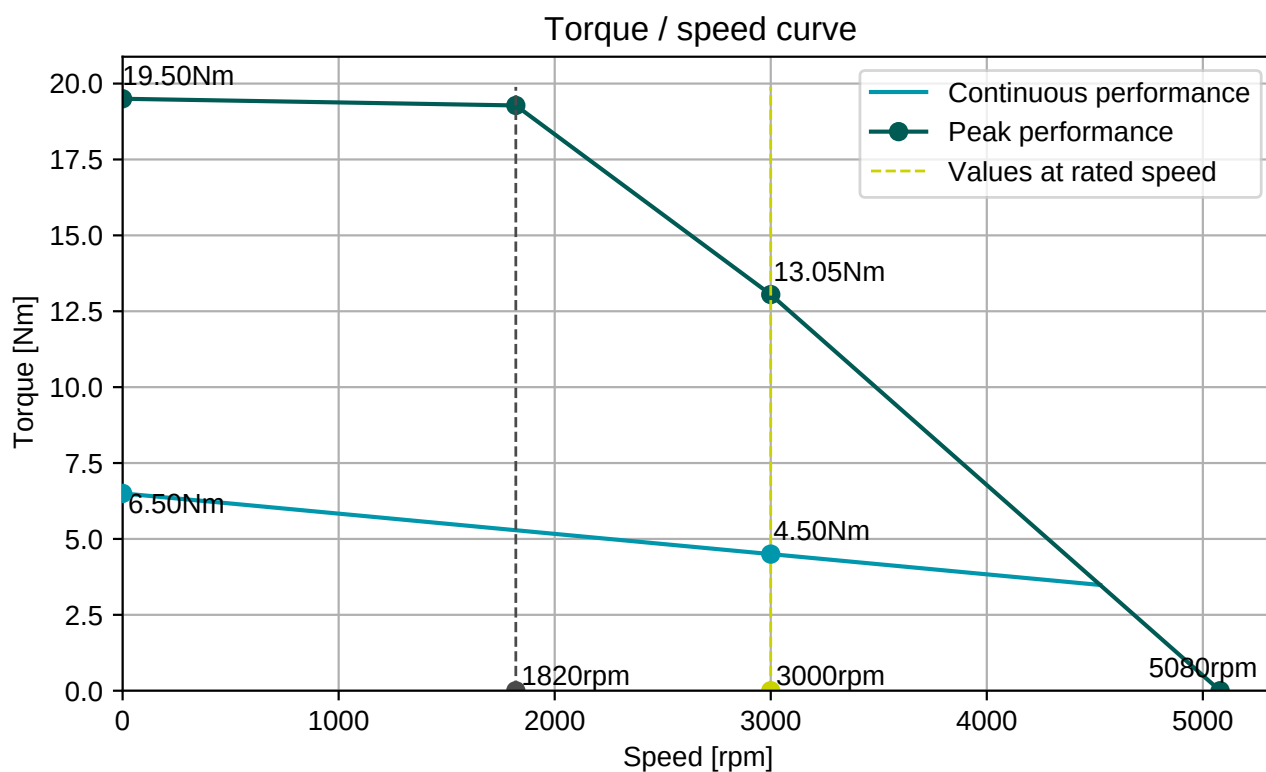
Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	1.35 ms
Thermal time constant	30 min
Rotor inertia	4.7 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	7 kg
Max. axial force 20kh	145 N
Max. radial force 20kh	761 N*
Max. axial force 100kh	85 N
Max. radial force 100kh	445 N*

** Defined for point of action at ½ output shaft length*

Sensors

Temperature	PT1000 {PT1000}
Feedback	EES37 (HDSL) single-turn, 17 bits



**Cable DSL4x6 (2x0,25)+(2x1,5),
D=16,6±0,4mm**

Connector 1 (306)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-
brown	+Us/DSL+
white	GND/DSL-

Numbers printed on the cables

