

Engineering data (WIN 1162)

DC bus voltage	48 V DC
Nominal AC voltage	33 V AC (rms)
Rated voltage	27 V AC (rms)
Rated power	565 W
Rated speed	3000 rpm
Rated torque	1.80 Nm
Rated current	15.9 A (rms)
Peak torque	6.15 Nm
Peak current	63.5 A (rms)
Stall torque	1.9 Nm
Stall current	14.5 A (rms)
No load speed	4150 rpm
EMF constant ±10%	7.91 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.131 Nm / A (rms)
Torque constant ±10% @ rated load	0.113 Nm / A (rms)
Number of poles	10
Electrical time constant	2.25 ms
Winding terminal resistance	0.187 Ω
Rotary field terminal inductance	0.42 mH

Customs info

HS Code	85015100
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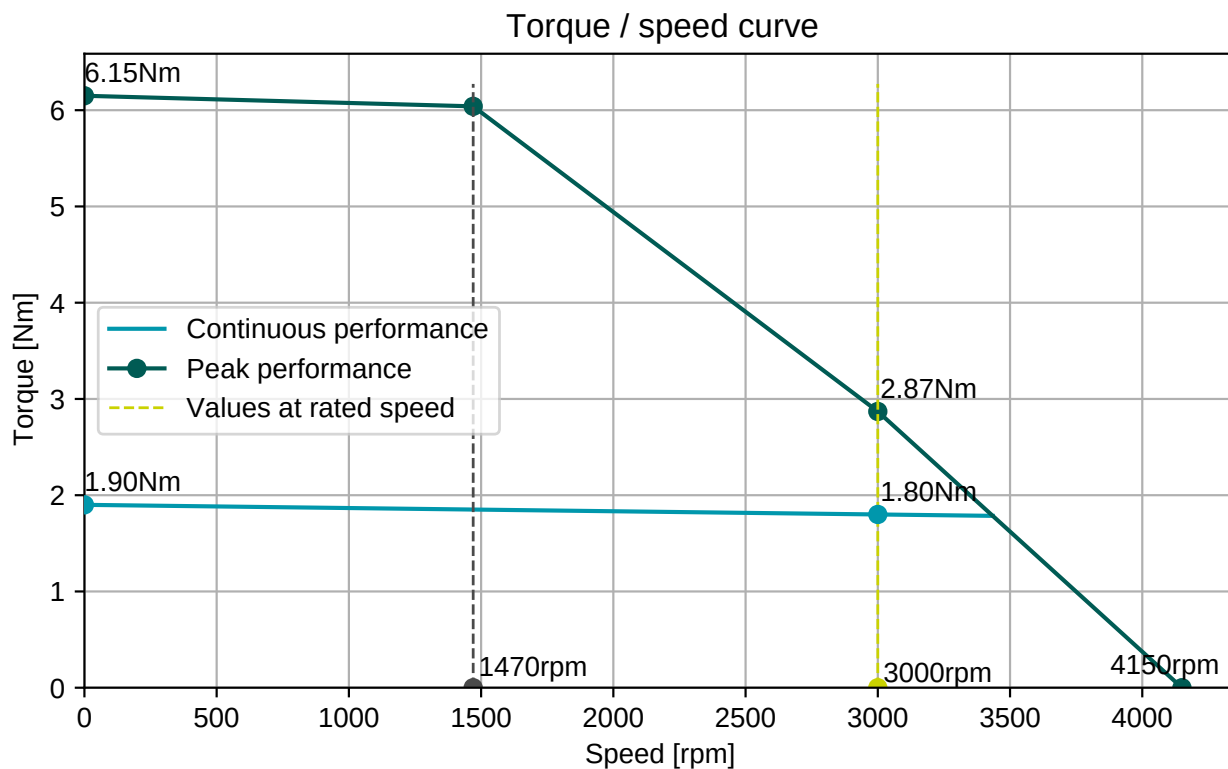
Mechanical data (setting 48)

Max mechanical speed	12000 rpm
Mech. time constant	1.04 ms
Thermal time constant	23 min
Rotor inertia	0.55 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	70 N
Max. radial force 20kh	369 N*
Max. axial force 100kh	41 N
Max. radial force 100kh	216 N*

* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	EEM37 (HDSL) multi-turn, 17+12 bits



Cable DSL4x2,5 (2x0,25), D=11,7±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

