

Engineering data (WIN 934)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	271 V AC (rms)
Rated power	942 W
Rated speed	2000 rpm
Rated torque	4.50 Nm
Rated current	2.91 A (rms)
Peak torque	15.3 Nm
Peak current	12.4 A (rms)
Stall torque	5.1 Nm
Stall current	2.73 A (rms)
No load speed	3330 rpm
EMF constant ±10%	113 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.87 Nm / A (rms)
Torque constant ±10% @ rated load	1.55 Nm / A (rms)
Number of poles	10
Electrical time constant	5.43 ms
Winding terminal resistance	7.62 Ω
Rotary field terminal inductance	41.4 mH

Customs info

HS Code	85015220
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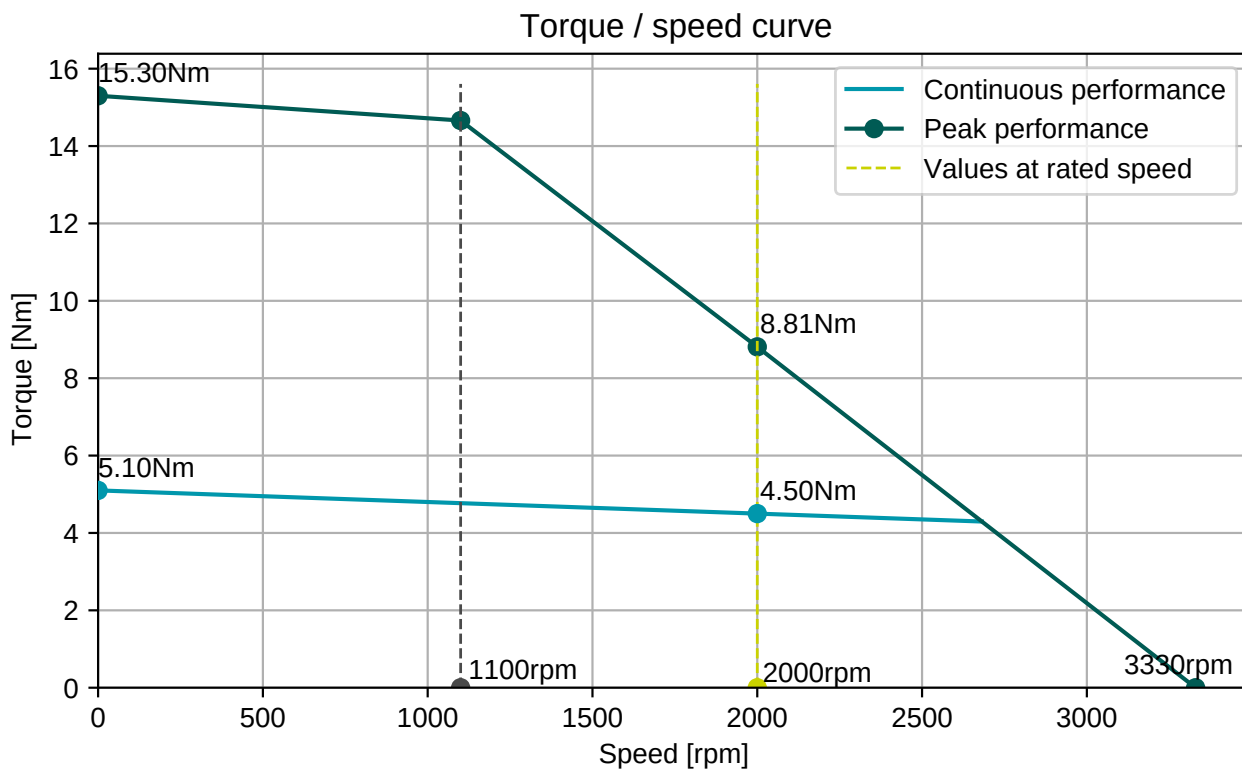
Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	0.77 ms
Thermal time constant	25 min
Rotor inertia	2.04 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	129 N
Max. radial force 20kh	681 N*
Max. axial force 100kh	76 N
Max. radial force 100kh	399 N*

* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	EDM35 (HDSL) multi-turn, 20+12 bits


BGC110N00001216000

M23, 8 poles, rotary


Connector 1 (283)

1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	GND/DSL-
D	+Us/DSL+

