

Engineering data (WIN -100015)

DC bus voltage	48 V DC
Nominal AC voltage	33 V AC (rms)
Rated voltage	31 V AC (rms)
Rated power	1.9 kW
Rated speed	3000 rpm
Rated torque	6.10 Nm
Rated current	40.52 A (rms)
Peak torque	23.4 Nm
Peak current	216.23 A (rms)
Stall torque	8.6 Nm
Stall current	54.62 A (rms)
No load speed	3460 rpm
EMF constant ±10%	9.5 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.16 Nm / A (rms)
Torque constant ±10% @ rated load	0.15 Nm / A (rms)
Number of poles	10
Electrical time constant	6.00 ms
Winding terminal resistance	0.02 Ω
Rotary field terminal inductance	0.12 mH

Customs info

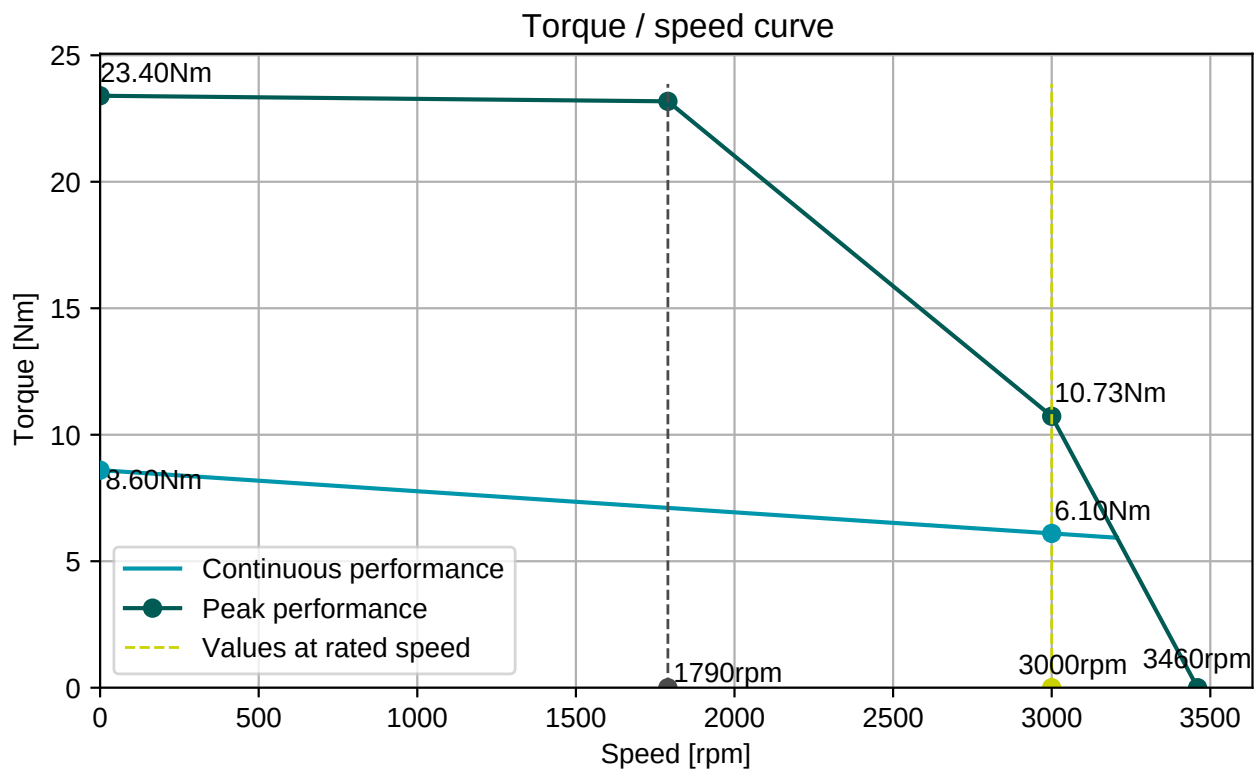
HS Code	85015220
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Mechanical data (setting 48)

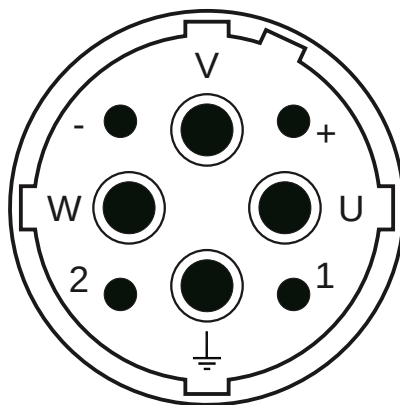
Max mechanical speed	9000 rpm
Mech. time constant	0.69 ms
Thermal time constant	44 min
Rotor inertia	4.9 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	5.5 kg

Sensors

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



CEA271N00000051000
M40, 8 poles, rotary base



Connector 1 (151)

U	U
V	V
W	W
PE	PE
+	Brake+
-	Brake-
1	Therm+
2	Therm-

