

Engineering data (WIN 1609)

DC bus voltage	48 V DC
Nominal AC voltage	33 V AC (rms)
Rated voltage	24 V AC (rms)
Rated power	346 W
Rated speed	3000 rpm
Rated torque	1.10 Nm
Rated current	11.14 A (rms)
Peak torque	4.94 Nm
Peak current	53.7 A (rms)
Stall torque	1.3 Nm
Stall current	11.4 A (rms)
No load speed	4740 rpm
EMF constant ±10%	6.91 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.114 Nm / A (rms)
Torque constant ±10% @ rated load	0.099 Nm / A (rms)
Number of poles	10
Electrical time constant	1.20 ms
Winding terminal resistance	0.275 Ω
Rotary field terminal inductance	0.33 mH

Customs info

HS Code	85015100
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Mechanical data (setting 48)

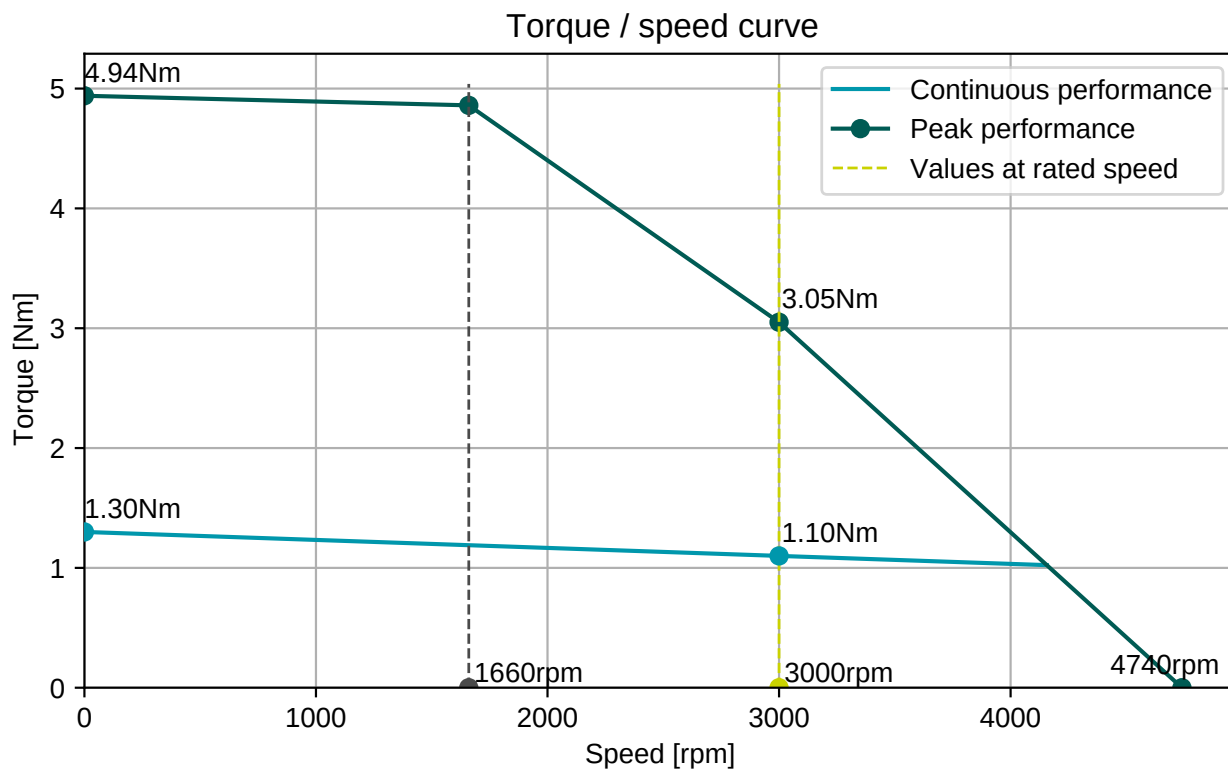
Max mechanical speed	12000 rpm
Mech. time constant	1.82 ms
Thermal time constant	24 min
Rotor inertia	0.5 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

Sensors

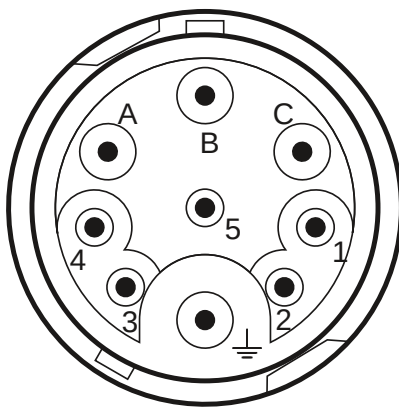
Temperature	PT1000 {PT1000}
Feedback	EEM37 (HDSL) multi-turn, 17+12 bits

Brake

Braking torque	4.50 Nm
Voltage	24 V DC
Power @20°C	12.0 W
Current @20°C	0.50 A
Inertia	0.20 kgcm ²
Mass	0.47 kg



EGA101N00000001000
 2x M15, 9 and 12 poles rotary



Connector 1 (304)

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

