

Engineering data (WIN 770)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	266 V AC (rms)
Rated power	1.1 kW
Rated speed	1500 rpm
Rated torque	6.80 Nm
Rated current	3.1 A (rms)
Peak torque	22.5 Nm
Peak current	12.8 A (rms)
Stall torque	7.5 Nm
Stall current	2.98 A (rms)
No load speed	2480 rpm
EMF constant ±10%	152 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	2.51 Nm / A (rms)
Torque constant ±10% @ rated load	2.19 Nm / A (rms)
Number of poles	10
Electrical time constant	5.82 ms
Winding terminal resistance	7.01 Ω
Rotary field terminal inductance	40.8 mH

Customs info

HS Code	85015220
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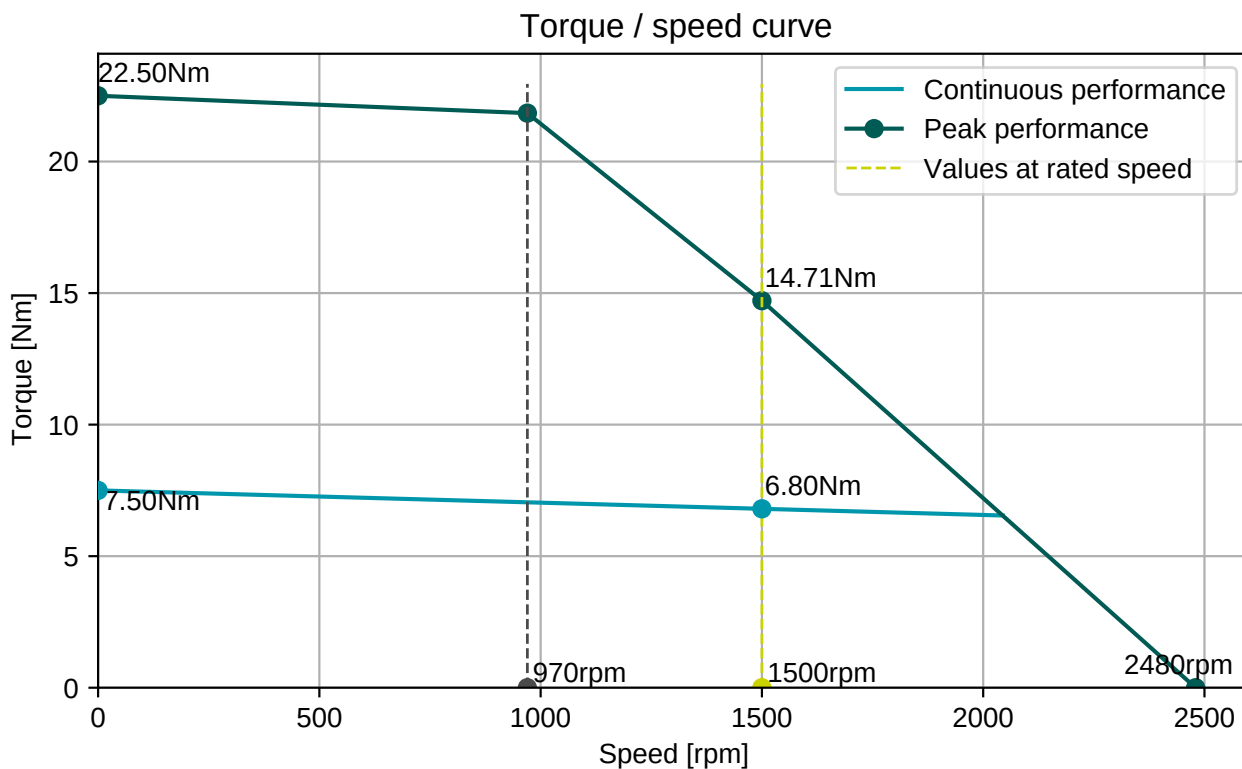
Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	0.63 ms
Thermal time constant	30 min
Rotor inertia	3.26 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	156 N
Max. radial force 20kh	823 N*
Max. axial force 100kh	91 N
Max. radial force 100kh	481 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+

