

Engineering data (WIN 928)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	252 V AC (rms)
Rated power	942 W
Rated speed	1000 rpm
Rated torque	9.00 Nm
Rated current	2.87 A (rms)
Peak torque	28.8 Nm
Peak current	10.1 A (rms)
Stall torque	9.6 Nm
Stall current	2.72 A (rms)
No load speed	1770 rpm
EMF constant ±10%	213 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	3.52 Nm / A (rms)
Torque constant ±10% @ rated load	3.14 Nm / A (rms)
Number of poles	10
Electrical time constant	5.79 ms
Winding terminal resistance	9.75 Ω
Rotary field terminal inductance	56.5 mH

Customs info

HS Code	85015220
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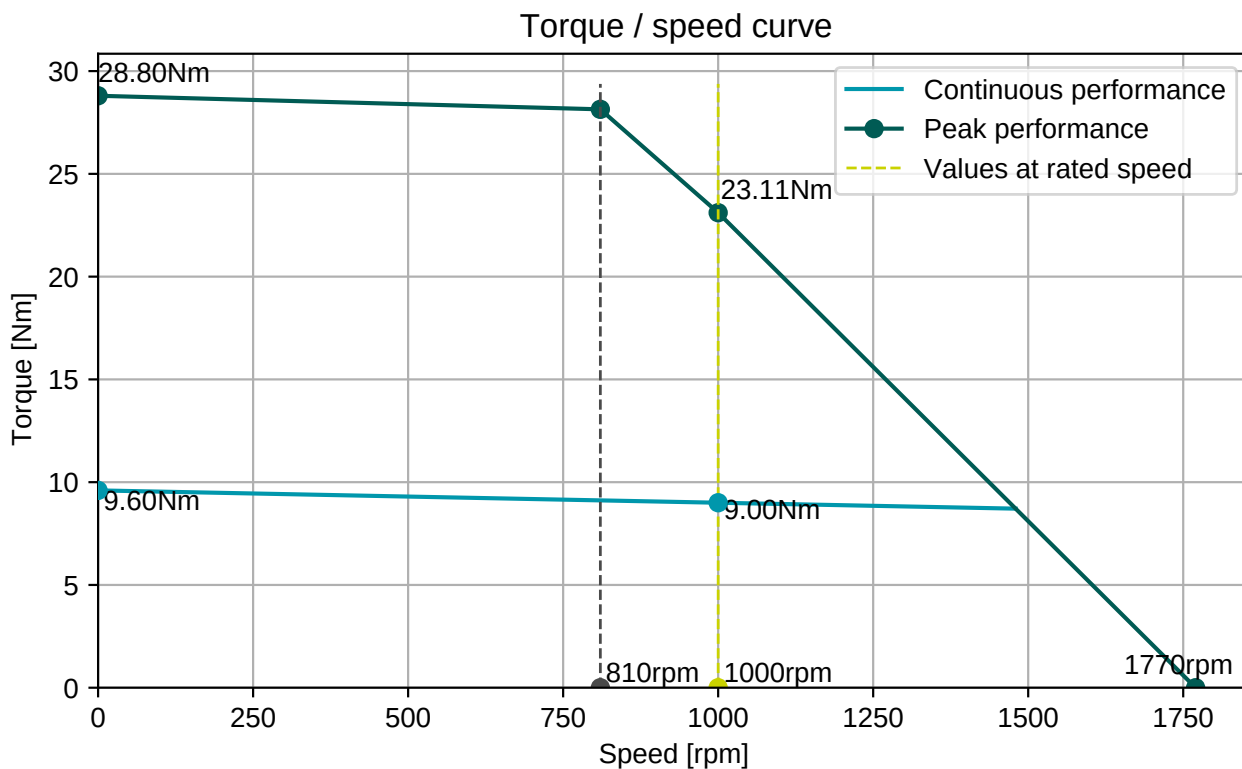
Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	0.61 ms
Thermal time constant	35 min
Rotor inertia	4.49 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	189 N
Max. radial force 20kh	993 N*
Max. axial force 100kh	110 N
Max. radial force 100kh	581 N*

* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	EDS35 (HDSL) single-turn, 24 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+

