

Engineering data (WIN 689)

DC bus voltage	320 V DC
Nominal AC voltage	220 V AC (rms)
Rated voltage	135 V AC (rms)
Rated power	635 W
Rated speed	6000 rpm
Rated torque	1.01 Nm
Rated current	3.99 A (rms)
Peak torque	3.45 Nm
Peak current	16.3 A (rms)
Stall torque	1.15 Nm
Stall current	3.57 A (rms)
No load speed	11210 rpm
EMF constant ±10%	19 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.32 Nm / A (rms)
Torque constant ±10% @ rated load	0.25 Nm / A (rms)
Number of poles	10
Electrical time constant	2.24 ms
Winding terminal resistance	2.68 Ω
Rotary field terminal inductance	6 mH

Customs info

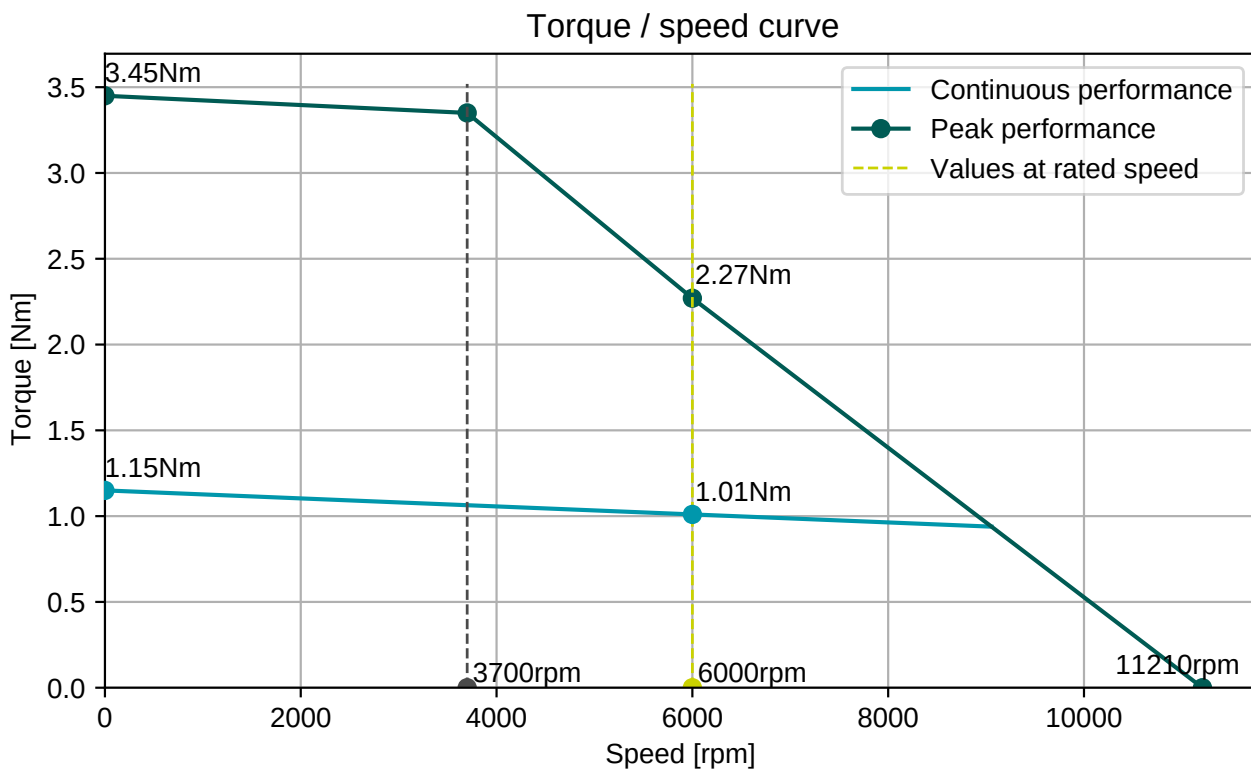
HS Code	85015100
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Mechanical data (setting 48)

Max mechanical speed	12000 rpm
Mech. time constant	1.46 ms
Thermal time constant	21 min
Rotor inertia	0.31 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

Sensors

Temperature	PT1000 {PT1000}
Feedback	EES37 (HDSL) single-turn, 17 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+

