

Engineering data (WIN 1138)

DC bus voltage	560 V DC
Nominal AC voltage	330 V AC (rms)
Rated voltage	280 V AC (rms)
Rated power	3.0 kW
Rated speed	300 rpm
Rated torque	94.00 Nm
Rated current	7.21 A (rms)
Peak torque	321 Nm
Peak current	28.4 A (rms)
Stall torque	107 Nm
Stall current	7.9 A (rms)
No load speed	400 rpm
EMF constant ±10%	816 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	13.5 Nm / A (rms)
Torque constant ±10% @ rated load	13.0 Nm / A (rms)
Number of poles	38
Electrical time constant	4.81 ms
Winding terminal resistance	3.37 Ω
Rotary field terminal inductance	16.2 mH

Customs info

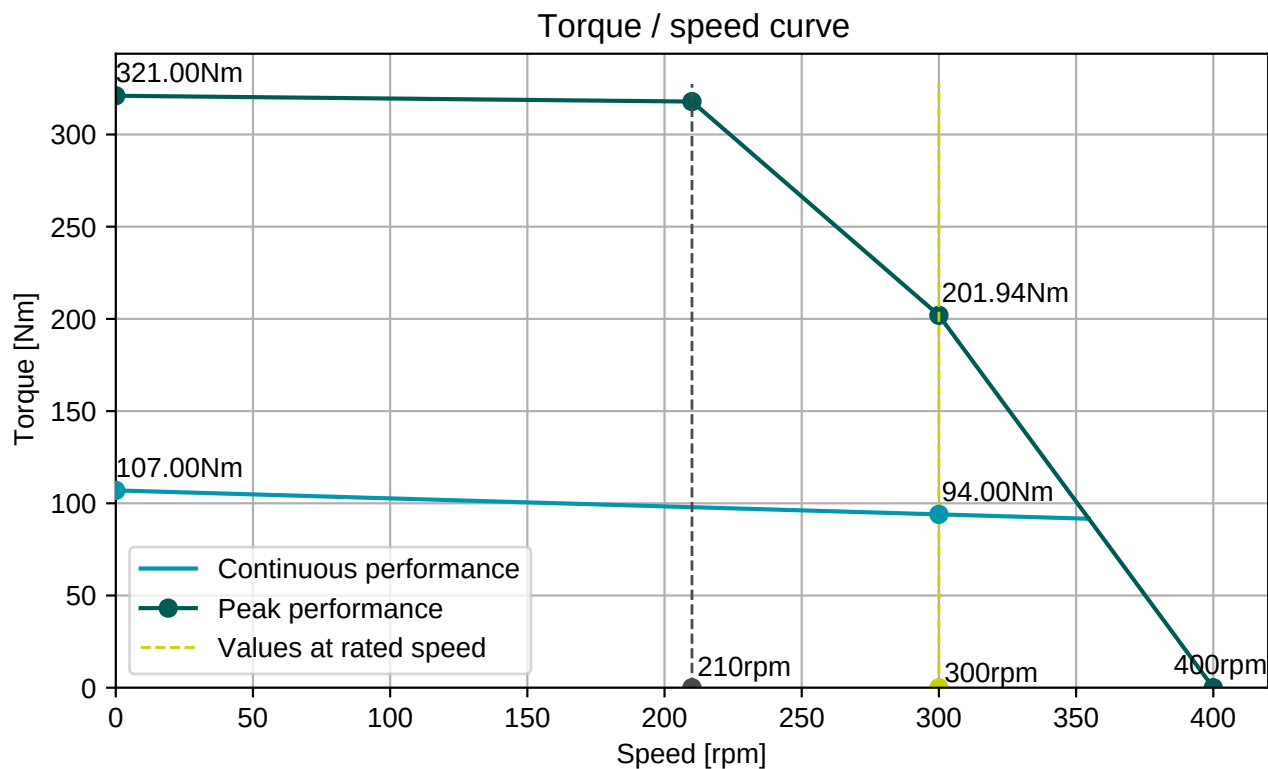
HS Code	85015220
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Mechanical data (setting 29)

Max mechanical speed	12000 rpm
Mech. time constant	0.96 ms
Thermal time constant	33 min
Rotor inertia	300 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

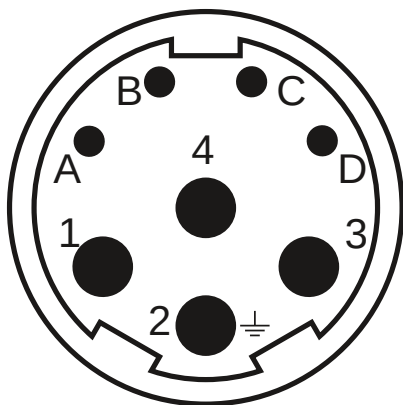
Sensors

Temperature	KTY 83-110 {KTY 83-110 Reissmann}
Feedback	ERM2410 (EnDat 2.2), single-turn, 19 660 800 imp.ot



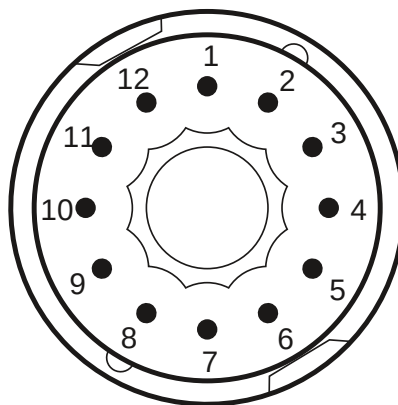
BGC110N00001216000

M23, 8 poles, rotary



EGA201N00000800000

M15, 9 poles, rotary



Connector 1 (1)

1	U
4	V
3	W
2	PE
A	Therm+
B	Therm-
C	Brake+
D	Brake-

Connector 2 (343)

1	Vcc
2	DATA
3	DATA-
4	CLOCK
5	CLOCK-
6	GNDbatt (Optional for EBI)
7	GND
12	Vbatt (Optional for EBI)

