

Engineering data (WIN -100035)

DC bus voltage	560 V DC
Nominal AC voltage	330 V AC (rms)
Rated voltage	256 V AC (rms)
Rated power	3.8 kW
Rated speed	9000 rpm
Rated torque	4.00 Nm
Rated current	10.15 A (rms)
Peak torque	21.2 Nm
Peak current	73.95 A (rms)
Stall torque	5.3 Nm
Stall current	12.32 A (rms)
No load speed	12660 rpm
EMF constant ±10%	26 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.43 Nm / A (rms)
Torque constant ±10% @ rated load	0.39 Nm / A (rms)
Number of poles	6
Electrical time constant	5.61 ms
Winding terminal resistance	0.54 Ω
Rotary field terminal inductance	3.03 mH

Customs info

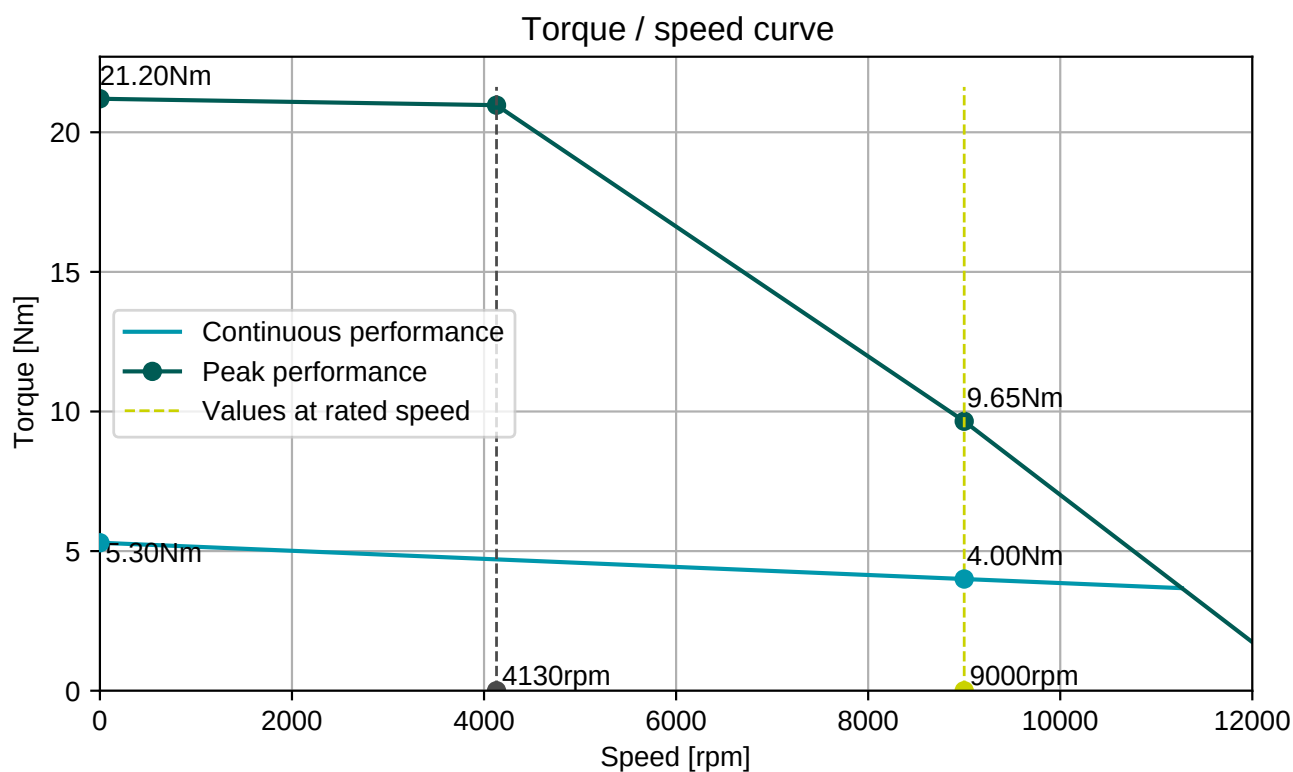
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Mechanical data (setting 29)

Max mechanical speed	12000 rpm
Mech. time constant	1.34 ms
Thermal time constant	64 min
Rotor inertia	2.65 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Ventilation 230V/50Hz

Sensors

Temperature	PT1000 {PT1000}
Feedback	ECI1119 (EnDat 2.2) single-turn, 19 bits



BGC110N00001216000

M23, 8 poles, rotary



AGC052N00001215000

M23, 12 poles, rotary



Connector 1 (1)

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

Connector 2 (474)

1	Vcc (+5V)
2	GND
3	DATA
4	DATA-
5	CLOCK
6	CLOCK-
7	Therm+
8	Therm-
9	Vcc sensor
10	GND sensor
11	PT1000+
12	PT1000-

