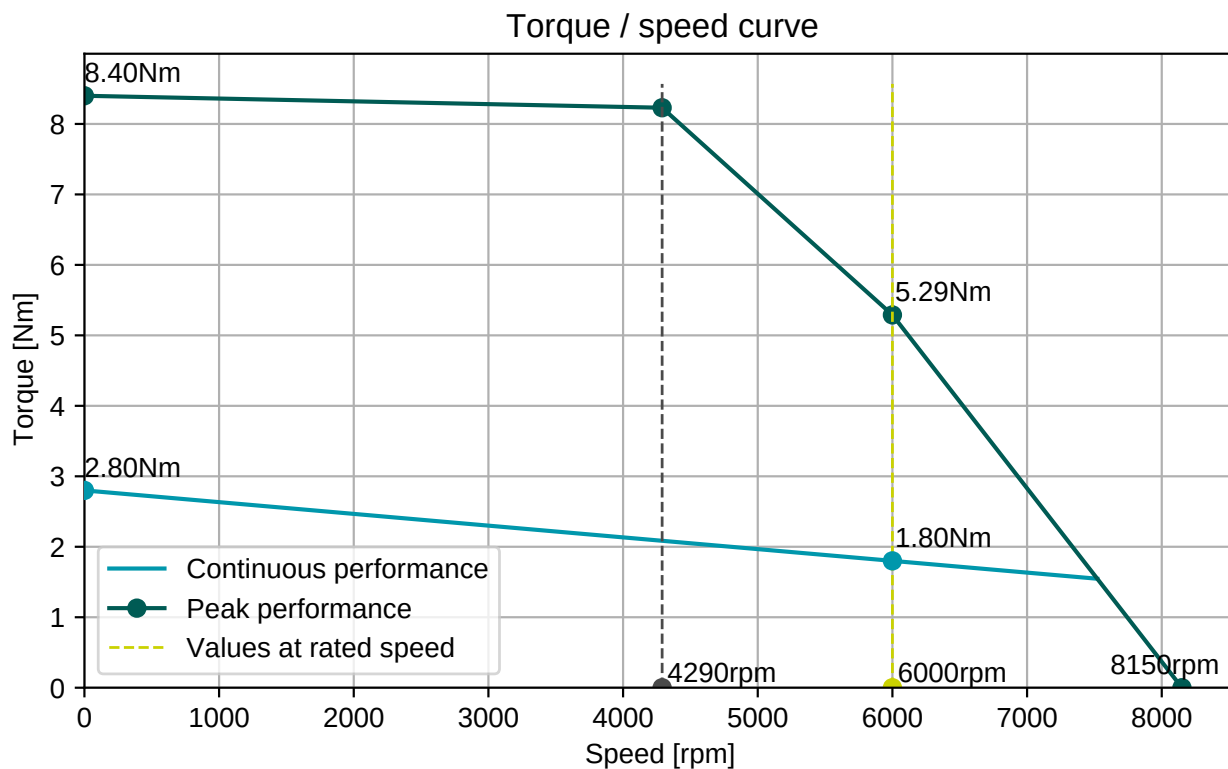


Engineering data (WIN 1630)		Mechanical data (setting 29)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.82 ms
Rated voltage	279 V AC (rms)	Thermal time constant	25 min
Rated power	1.1 kW	Rotor inertia	0.8 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	1.80 Nm	Color	RAL 9005
Rated current	2.79 A (rms)	Cooling	Convection
Peak torque	8.4 Nm	Motor-only mass	3 kg
Peak current	14.1 A (rms)	Max. axial force 20kh	54 N
Stall torque	2.8 Nm	Max. radial force 20kh	286 N*
Stall current	3.64 A (rms)	Max. axial force 100kh	32 N
No load speed	8150 rpm	Max. radial force 100kh	167 N*
EMF constant ±10%	46.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.769 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.645 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	EQI1131 (EnDat 2.2) multi-turn, 19 + 12 bits
Electrical time constant	2.53 ms	Brake	
Winding terminal resistance	3.48 Ω	Braking torque	4.50 Nm
Rotary field terminal inductance	8.8 mH	Voltage	24 V DC
Customs info		Power @20°C	12.0 W
HS Code	85015220	Current @20°C	0.50 A
		Inertia	0.20 kgcm ²
		Mass	0.47 kg


BGC110N00001216000

M23, 8 poles, rotary


AGC052N00001215000

M23, 12 poles, rotary


Connector 1 (9)

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

Connector 2 (293)

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

