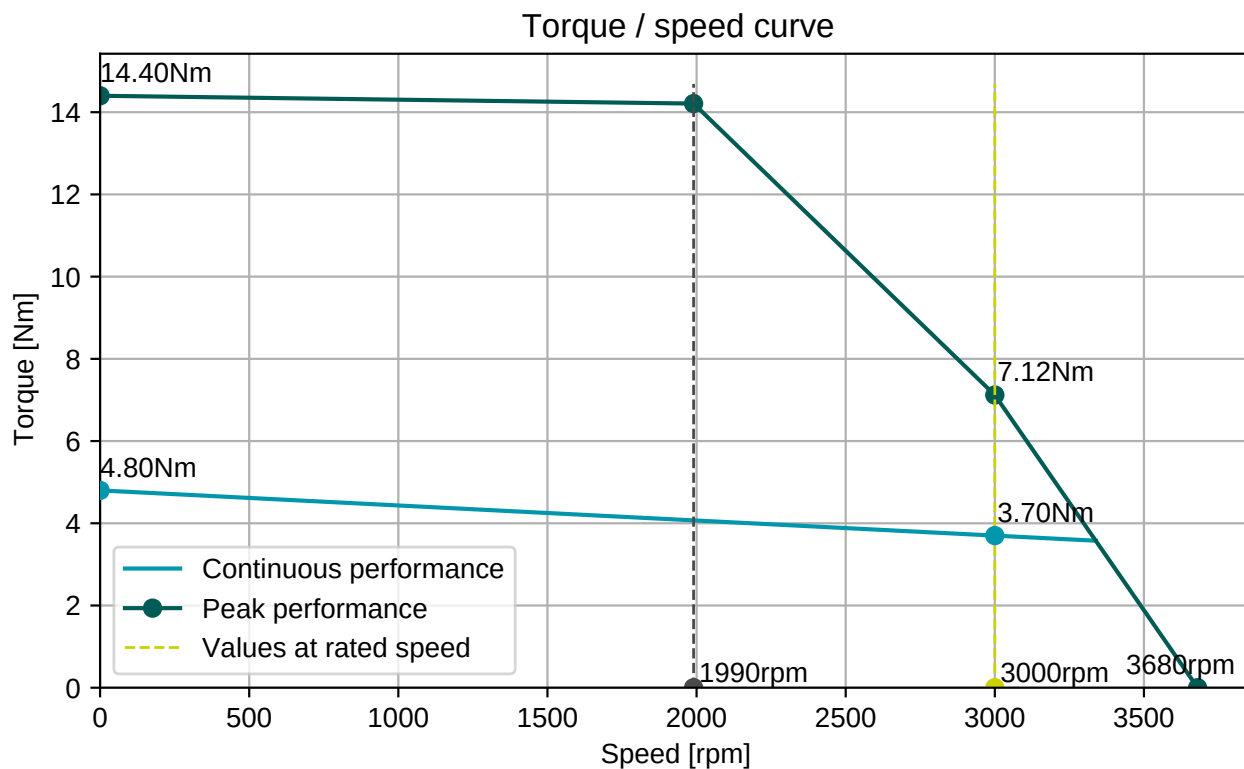


Engineering data (WIN 954)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.68 ms
Rated voltage	310 V AC (rms)	Thermal time constant	30 min
Rated power	1.2 kW	Rotor inertia	1.52 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	3.70 Nm	Color	RAL 9005
Rated current	2.6 A (rms)	Cooling	Convection
Peak torque	14.4 Nm	Motor-only mass	4.3 kg
Peak current	10.1 A (rms)	Max. axial force 20kh	75 N
Stall torque	4.8 Nm	Max. radial force 20kh	393 N*
Stall current	2.82 A (rms)	Max. axial force 100kh	44 N
No load speed	3680 rpm	Max. radial force 100kh	230 N*
EMF constant ±10%	103 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.7 Nm / A (rms)		
Torque constant ±10% @ rated load	1.4 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	3.01 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	7.53 Ω	Feedback	EKM36 (HDSL) multi-turn, 18+12 bits, SIL2
Rotary field terminal inductance	22.7 mH	Brake	
Customs info		Braking torque	4.50 Nm
HS Code	85015220	Voltage	24 V DC
		Power @20°C	12.0 W
		Current @20°C	0.50 A
		Inertia	0.20 kgcm ²
		Mass	0.47 kg


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+

