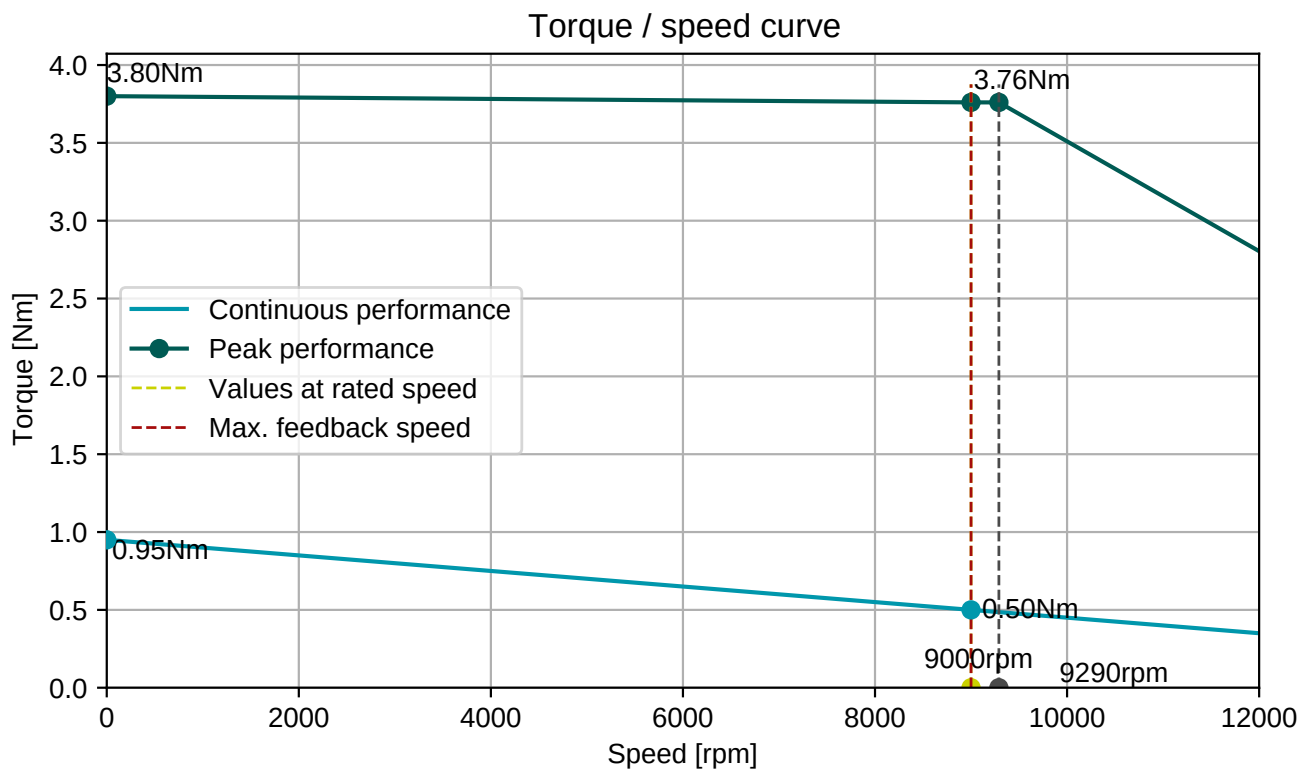


Engineering data (WIN 943)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.92 ms
Rated voltage	107 V AC (rms)	Thermal time constant	18 min
Rated power	471 W	Rotor inertia	0.11 kgcm ²
Rated speed	9000 rpm	Protection	IP64
Rated torque	0.50 Nm	Color	RAL 9005
Rated current	2.97 A (rms)	Cooling	Convection
Peak torque	3.8 Nm	Motor-only mass	1.7 kg
Peak current	24 A (rms)	Max. axial force 20kh	35 N
Stall torque	0.95 Nm	Max. radial force 20kh	183 N*
Stall current	5.2 A (rms)	Max. axial force 100kh	20 N
No load speed	19950 rpm	Max. radial force 100kh	107 N*
EMF constant ±10%	11 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.18 Nm / A (rms)		
Torque constant ±10% @ rated load	0.17 Nm / A (rms)		
Number of poles	6	Sensors	
Electrical time constant	1.44 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	1.6 Ω	Feedback	EKM36 (HDSL) multi-turn, 18+12 bits, SIL2
Rotary field terminal inductance	2.3 mH	Brake	
Customs info		Braking torque	2.00 Nm
HS Code	85015100	Voltage	24 V DC
		Power @20°C	11.0 W
		Current @20°C	0.46 A
		Inertia	0.08 kgcm ²
		Mass	0.20 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+

