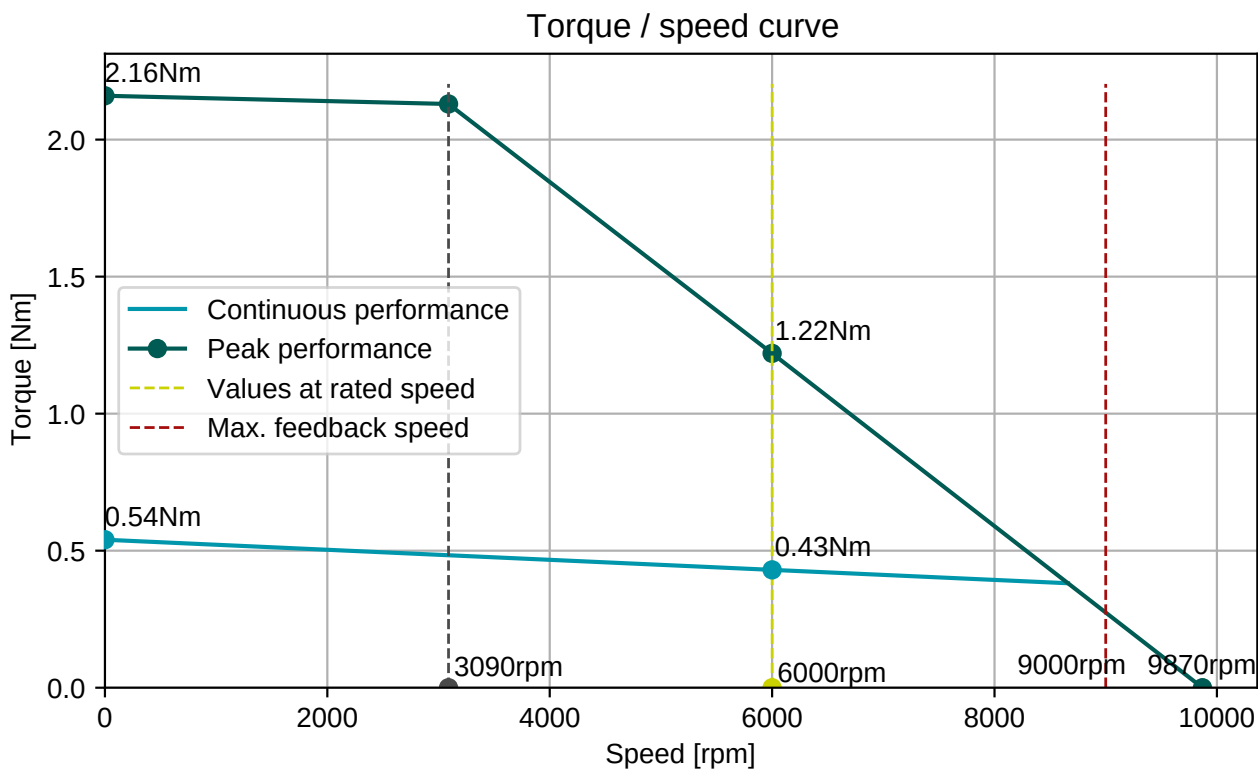


Engineering data (WIN 750)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	1.45 ms
Rated voltage	161 V AC (rms)	Thermal time constant	12 min
Rated power	270 W	Rotor inertia	0.07 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	0.43 Nm	Color	RAL 9005
Rated current	1.3 A (rms)	Cooling	Convection
Peak torque	2.16 Nm	Motor-only mass	1.15 kg
Peak current	6.8 A (rms)	Max. axial force 20kh	38 N
Stall torque	0.54 Nm	Max. radial force 20kh	202 N*
Stall current	1.48 A (rms)	Max. axial force 100kh	22 N
No load speed	9870 rpm	Max. radial force 100kh	118 N*
EMF constant ±10%	22 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.36 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.33 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	6	Feedback	EKM36 (HDSL) multi-turn, 18+12 bits, SIL2
Electrical time constant	1.25 ms	Brake	
Winding terminal resistance	15.82 Ω	Braking torque	2.00 Nm
Rotary field terminal inductance	19.8 mH	Voltage	24 V DC
Customs info		Power @20°C	11.0 W
HS Code	85015100	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+

