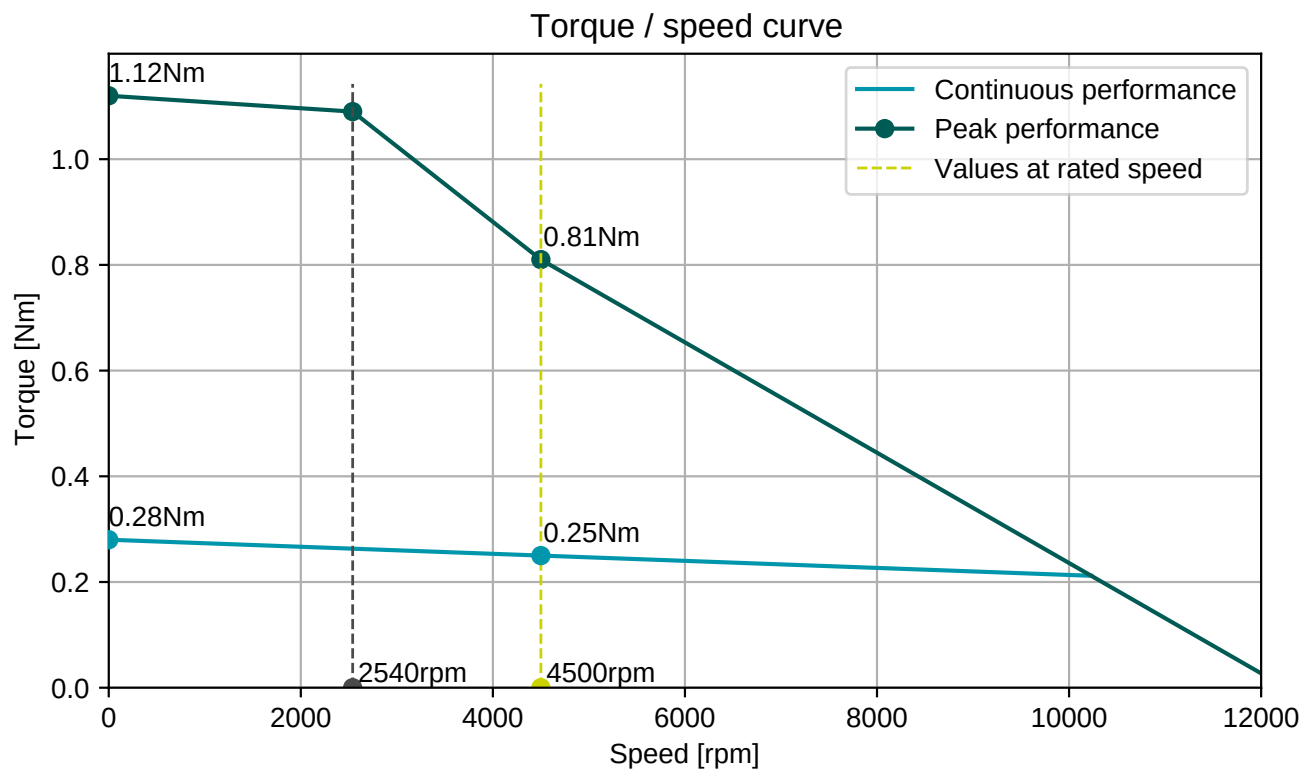


Engineering data (WIN 757)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	2.78 ms
Rated voltage	114 V AC (rms)	Thermal time constant	10 min
Rated power	118 W	Rotor inertia	0.05 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	0.25 Nm	Color	RAL 9005
Rated current	0.96 A (rms)	Cooling	Convection
Peak torque	1.12 Nm	Motor-only mass	0.9 kg
Peak current	4.4 A (rms)	Max. axial force 20kh	41 N
Stall torque	0.28 Nm	Max. radial force 20kh	216 N*
Stall current	0.97 A (rms)	Max. axial force 100kh	24 N
No load speed	12260 rpm	Max. radial force 100kh	126 N*
EMF constant ±10%	17.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.29 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.26 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	6	Feedback	EKS36 (HDSL) single-turn, 18 bits, SIL2
Electrical time constant	1.00 ms	Brake	
Winding terminal resistance	26.9 Ω	Braking torque	2.00 Nm
Rotary field terminal inductance	26.8 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+

