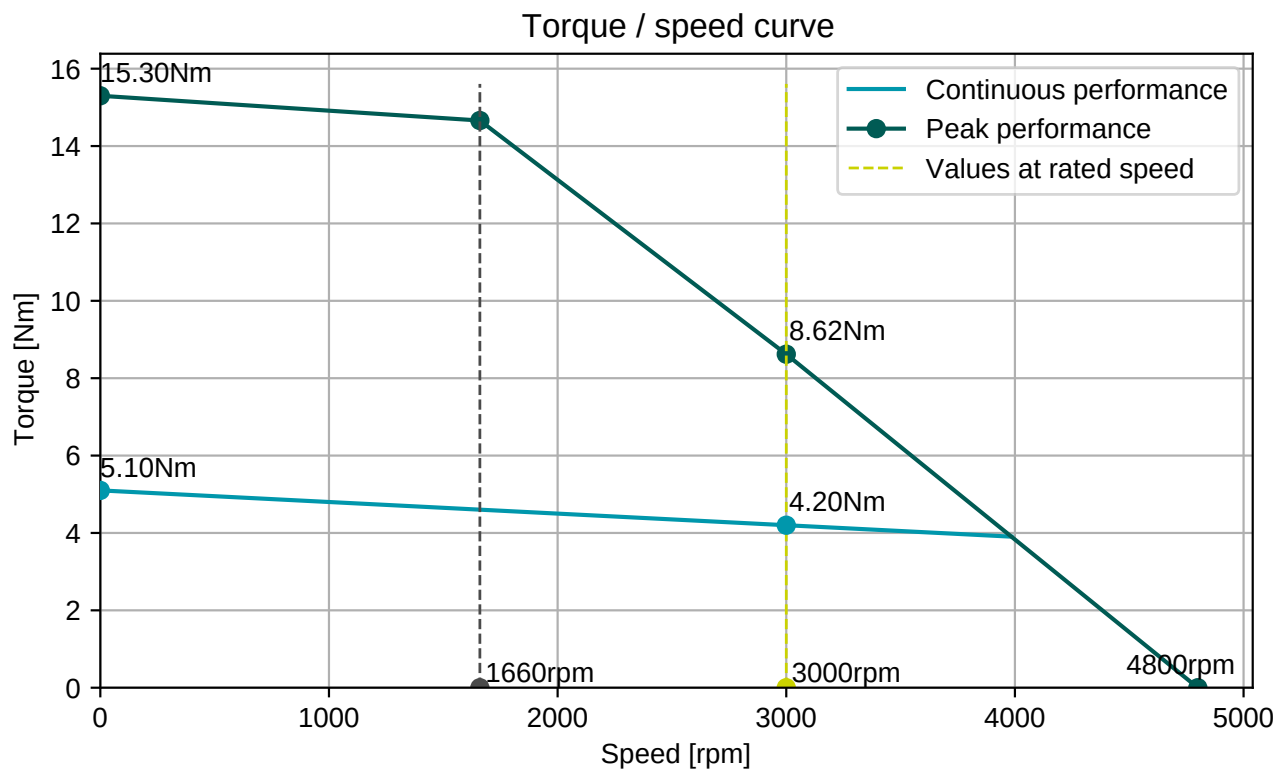


Engineering data (WIN 708)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.77 ms
Rated voltage	155 V AC (rms)	Thermal time constant	25 min
Rated power	1.3 kW	Rotor inertia	2.04 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	4.20 Nm	Color	RAL 9005
Rated current	7.01 A (rms)	Cooling	Convection
Peak torque	15.3 Nm	Motor-only mass	4.7 kg
Peak current	31 A (rms)	Max. axial force 20kh	116 N
Stall torque	5.1 Nm	Max. radial force 20kh	611 N*
Stall current	6.8 A (rms)	Max. axial force 100kh	68 N
No load speed	4800 rpm	Max. radial force 100kh	357 N*
EMF constant ±10%	45.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.75 Nm / A (rms)		
Torque constant ±10% @ rated load	0.60 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	5.48 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	1.24 Ω	Feedback	EKS36 (HDSL) single-turn, 18 bits, SIL2
Rotary field terminal inductance	6.8 mH	Brake	
Customs info		Braking torque	9.00 Nm
HS Code	85015220	Voltage	24 V DC
		Power @20°C	18.0 W
		Current @20°C	0.75 A
		Inertia	0.60 kgcm ²
		Mass	0.82 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+

