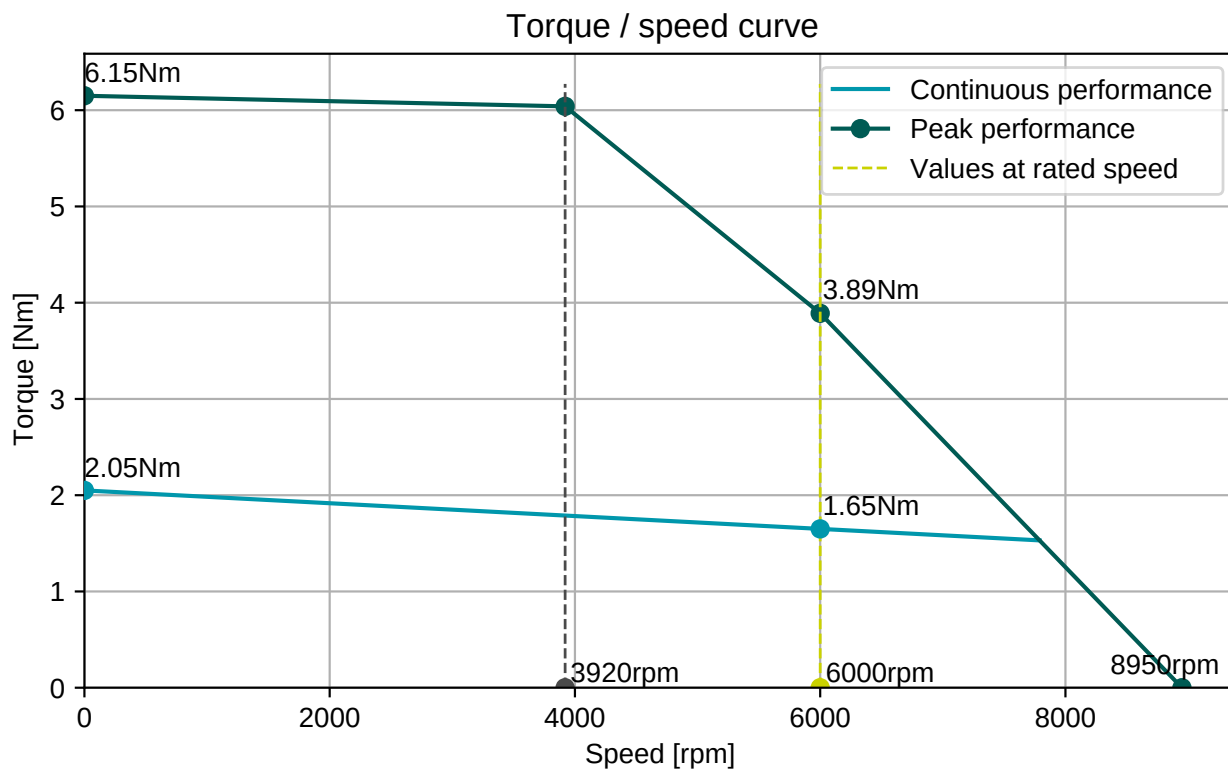


Engineering data (WIN 742)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.97 ms
Rated voltage	146 V AC (rms)	Thermal time constant	23 min
Rated power	1.0 kW	Rotor inertia	0.55 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	1.65 Nm	Color	RAL 9005
Rated current	5.52 A (rms)	Cooling	Convection
Peak torque	6.15 Nm	Motor-only mass	2 kg
Peak current	20.5 A (rms)	Max. axial force 20kh	51 N
Stall torque	2.05 Nm	Max. radial force 20kh	266 N*
Stall current	5.1 A (rms)	Max. axial force 100kh	30 N
No load speed	8950 rpm	Max. radial force 100kh	156 N*
EMF constant ±10%	24.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.41 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.30 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	EKM36 (HDSL) multi-turn, 18+12 bits, SIL2
Electrical time constant	2.44 ms	Brake	
Winding terminal resistance	1.68 Ω	Braking torque	4.50 Nm
Rotary field terminal inductance	4.1 mH	Voltage	24 V DC
Power @20°C		Current @20°C	12.0 W
Inertia		Mass	0.50 A
Mass			0.20 kgcm ²
Mass			0.47 kg
Customs info			
HS Code	85015220		



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+

