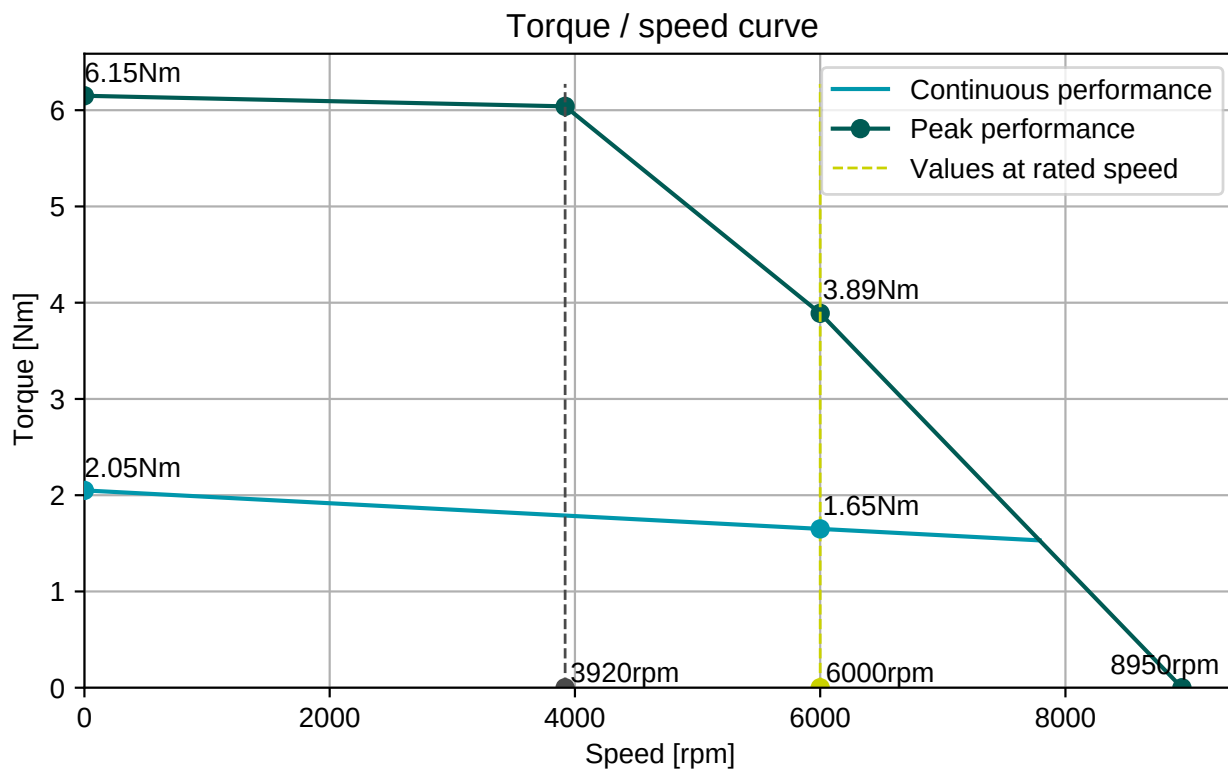


Engineering data (WIN 742)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.97 ms
Rated voltage	146 V AC (rms)	Thermal time constant	23 min
Rated power	1.0 kW	Rotor inertia	0.55 kgcm ²
Rated speed	6000 rpm	Protection	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	49 N
Stall torque	2.05 Nm	Max. radial force 20kh	260 N*
Stall current	5.1 A (rms)	Max. axial force 100kh	29 N
No load speed	8950 rpm	Max. radial force 100kh	152 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)		
Torque constant ±10% @ rated load	0.30 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EKS36 (HDSL) single-turn, 17 bits	
Number of poles	10		
Electrical time constant	2.44 ms		
Winding terminal resistance	1.68 Ω		
Rotary field terminal inductance	4.1 mH		
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+

