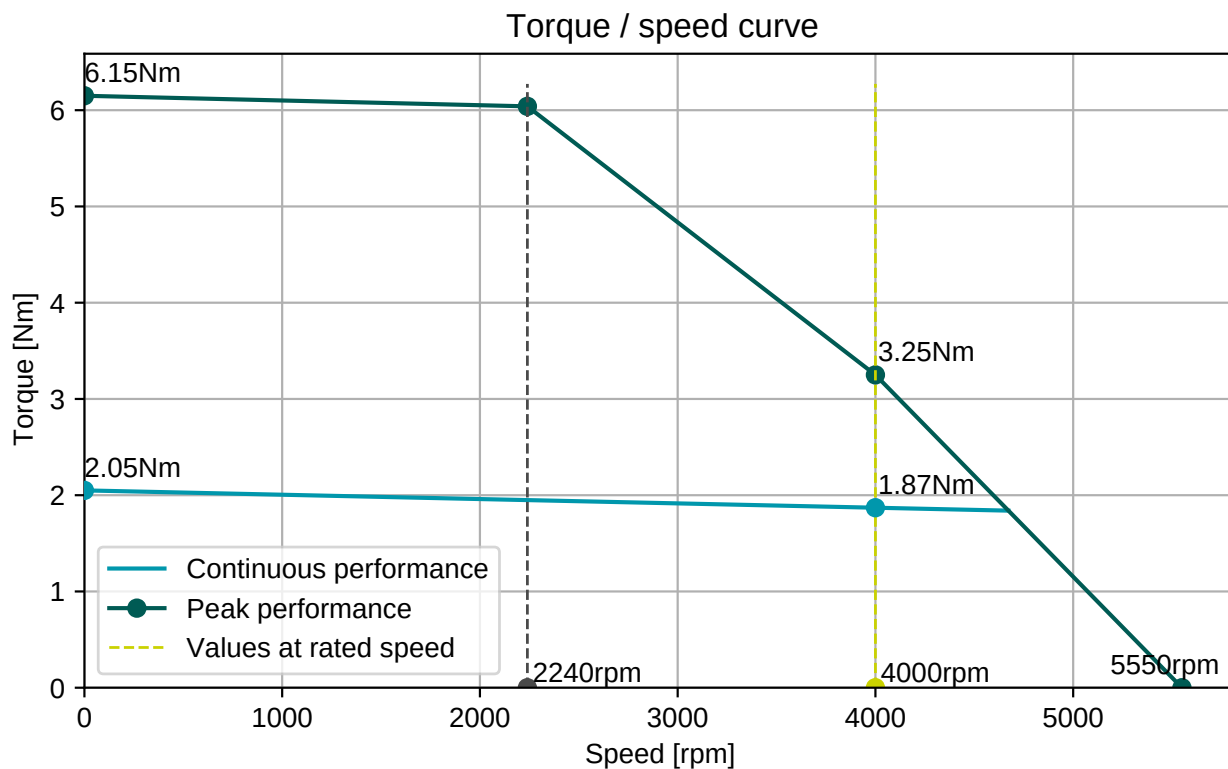


Engineering data (WIN 996)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.94 ms
Rated voltage	173 V AC (rms)	Thermal time constant	23 min
Rated power	783 W	Rotor inertia	0.55 kgcm ²
Rated speed	4000 rpm	Protection	IP64
Rated torque	1.87 Nm	Color	RAL 9005
Rated current	3.53 A (rms)	Cooling	Convection
Peak torque	6.15 Nm	Motor-only mass	2 kg
Peak current	12.7 A (rms)	Max. axial force 20kh	56 N
Stall torque	2.05 Nm	Max. radial force 20kh	297 N*
Stall current	3.14 A (rms)	Max. axial force 100kh	33 N
No load speed	5550 rpm	Max. radial force 100kh	174 N*
EMF constant ±10%	39.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.65 Nm / A (rms)		
Torque constant ±10% @ rated load	0.53 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EKS36 (HDSL) single-turn, 18 bits, SIL2	
Number of poles	10		
Electrical time constant	2.52 ms		
Winding terminal resistance	4.21 Ω		
Rotary field terminal inductance	10.6 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+

