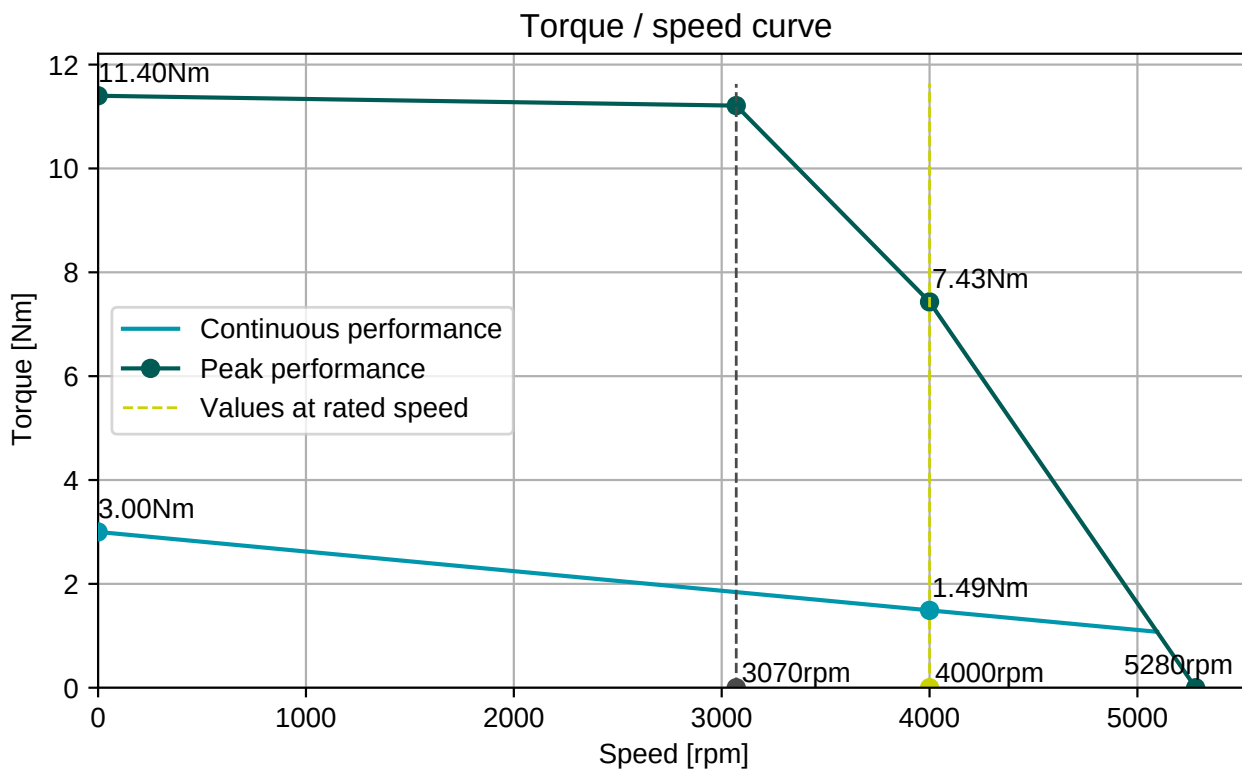


Engineering data (WIN 1620)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	1.09 ms
Rated voltage	162 V AC (rms)	Thermal time constant	40 min
Rated power	624 W	Rotor inertia	1.2 kgcm ²
Rated speed	4000 rpm	Protection	IP64
Rated torque	1.49 Nm	Color	RAL 9005
Rated current	2.68 A (rms)	Cooling	Convection
Peak torque	11.4 Nm	Motor-only mass	2.8 kg
Peak current	18.8 A (rms)	Max. axial force 20kh	61 N
Stall torque	3 Nm	Max. radial force 20kh	324 N*
Stall current	4.37 A (rms)	Max. axial force 100kh	36 N
No load speed	5280 rpm	Max. radial force 100kh	189 N*
EMF constant ±10%	41.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.686 Nm / A (rms)		
Torque constant ±10% @ rated load	0.556 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EKS36 (HDSL) single-turn, 18 bits, SIL2	
Number of poles	10		
Electrical time constant	1.62 ms		
Winding terminal resistance	2.479 Ω		
Rotary field terminal inductance	4.02 mH		
Customs info			
HS Code	85015100		



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+

