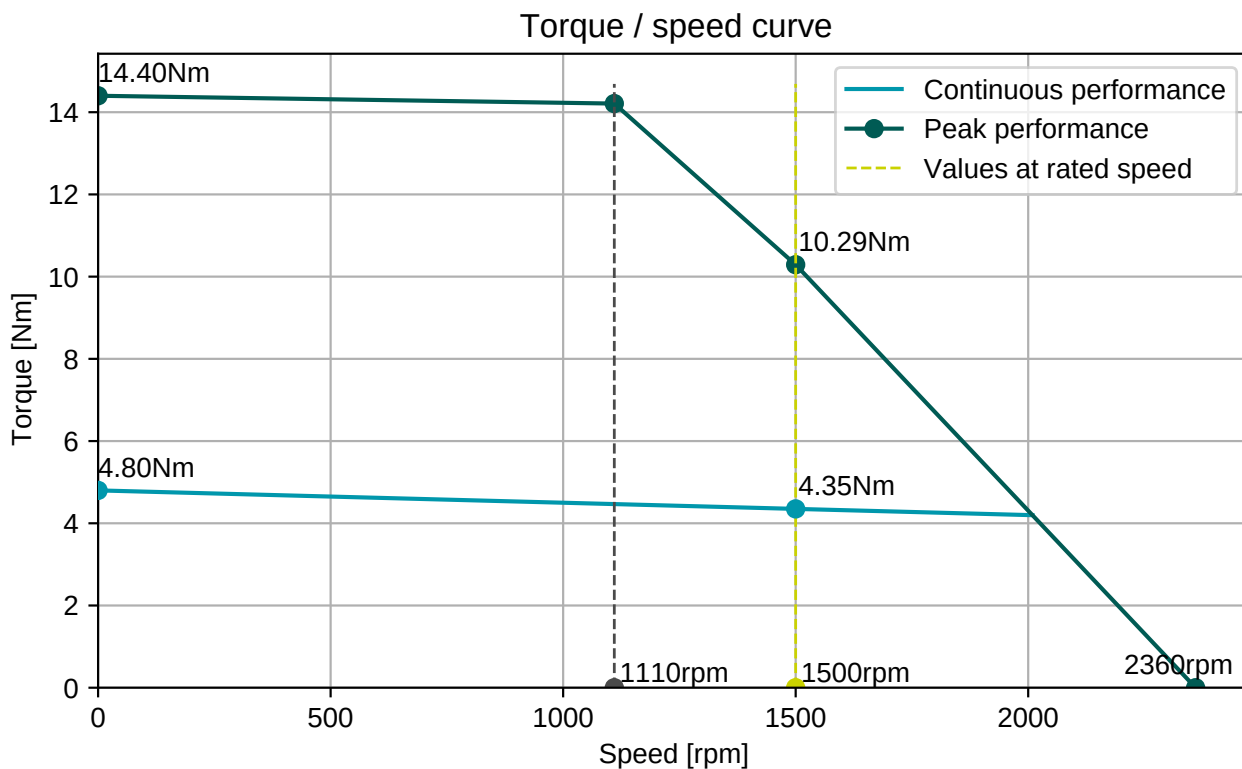


Engineering data (WIN 1115)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.68 ms
Rated voltage	161 V AC (rms)	Thermal time constant	30 min
Rated power	683 W	Rotor inertia	1.52 kgcm ²
Rated speed	1500 rpm	Protection	IP64
Rated torque	4.35 Nm	Color	RAL 9005
Rated current	3.14 A (rms)	Cooling	Convection
Peak torque	14.4 Nm	Motor-only mass	2 kg
Peak current	11.2 A (rms)	Max. axial force 20kh	94 N
Stall torque	4.8 Nm	Max. radial force 20kh	494 N*
Stall current	3.12 A (rms)	Max. axial force 100kh	55 N
No load speed	2360 rpm	Max. radial force 100kh	289 N*
EMF constant ±10%	93 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.54 Nm / A (rms)		
Torque constant ±10% @ rated load	1.39 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EDS35 (HDSL) single-turn, 24 bits	
Number of poles	10		
Electrical time constant	3.05 ms		
Winding terminal resistance	6.07 Ω		
Rotary field terminal inductance	18.5 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+

