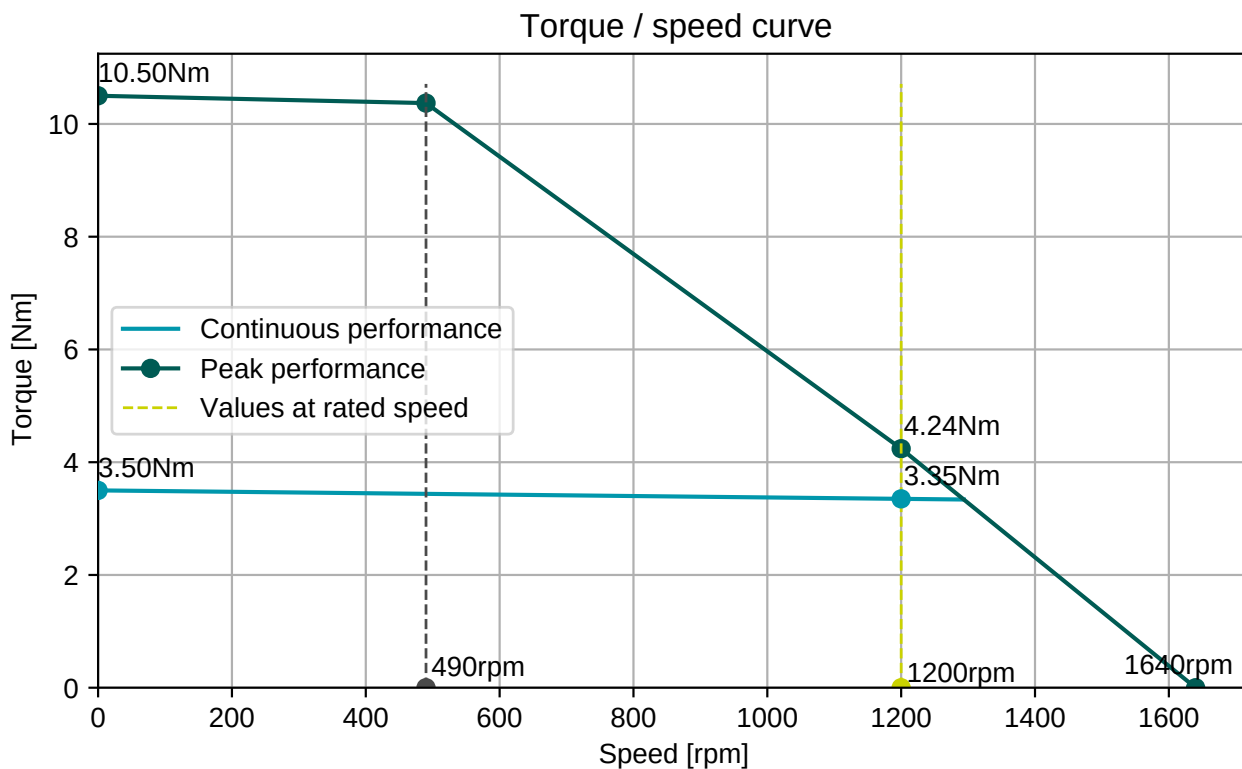


Engineering data (WIN 1163)		Mechanical data (setting 48)	
DC bus voltage	48 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	33 V AC (rms)	Mech. time constant	0.74 ms
Rated voltage	30 V AC (rms)	Thermal time constant	27 min
Rated power	421 W	Rotor inertia	1.04 kgcm ²
Rated speed	1200 rpm	Protection	IP64
Rated torque	3.35 Nm	Color	RAL 9005
Rated current	11.05 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Motor-only mass	2 kg
Peak current	38.2 A (rms)	Max. axial force 20kh	92 N
Stall torque	3.5 Nm	Max. radial force 20kh	483 N*
Stall current	10.6 A (rms)	Max. axial force 100kh	54 N
No load speed	1640 rpm	Max. radial force 100kh	283 N*
EMF constant ±10%	20 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.33 Nm / A (rms)		
Torque constant ±10% @ rated load	0.30 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EDM35 (HDSL) multi-turn, 20+12 bits	
Number of poles	10		
Electrical time constant	2.89 ms		
Winding terminal resistance	0.45 Ω		
Rotary field terminal inductance	1.3 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+

