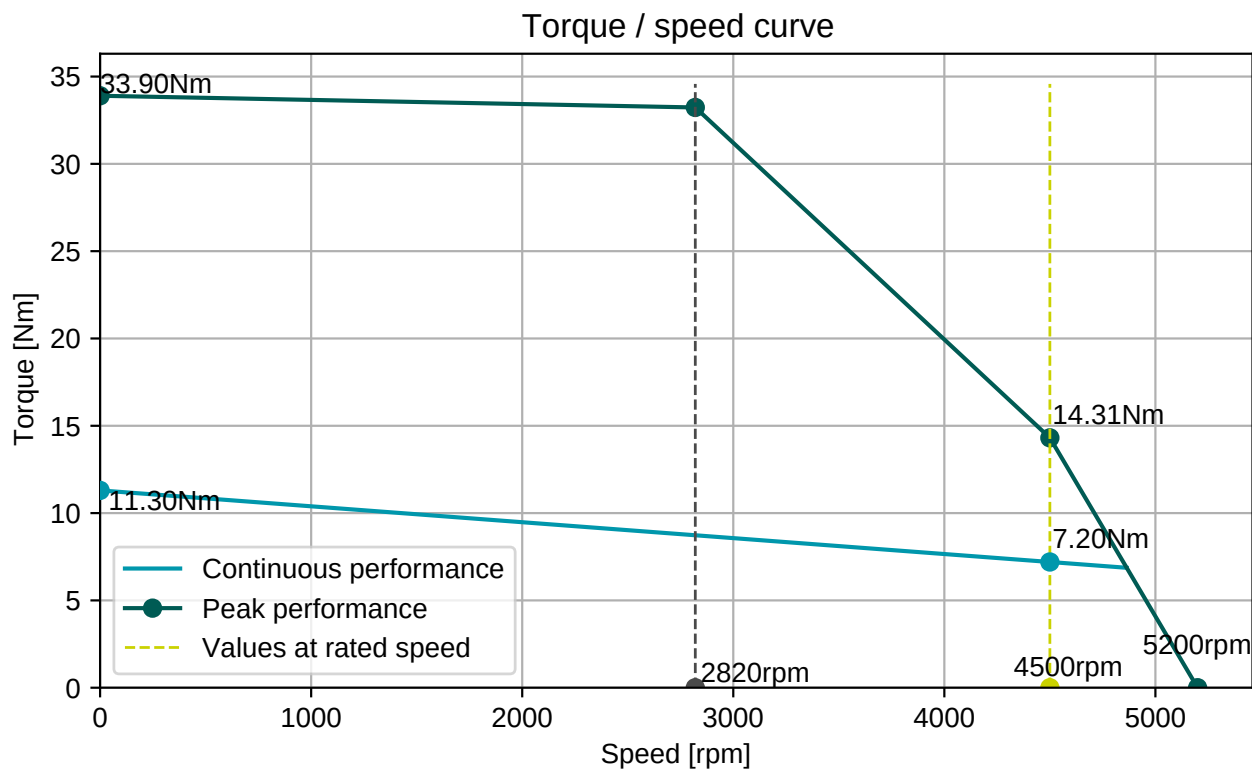


Engineering data (WIN 1092)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.61 ms
Rated voltage	287 V AC (rms)	Thermal time constant	40 min
Rated power	3.4 kW	Rotor inertia	5.7 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	7.20 Nm	Color	RAL 9005
Rated current	8.43 A (rms)	Cooling	Convection
Peak torque	33.9 Nm	Max. axial force 20kh	118 N
Peak current	34.8 A (rms)	Max. radial force 20kh	623 N*
Stall torque	11.3 Nm	Max. axial force 100kh	69 N
Stall current	9.4 A (rms)	Max. radial force 100kh	364 N*
No load speed	5200 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	73 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	1.21 Nm / A (rms)	Temperature	PT1000 {PT1000}
Torque constant ±10% @ rated load	0.85 Nm / A (rms)	Feedback	EKM36 (HDSL) multi-turn, 17 + 12 bits
Number of poles	10	Brake	
Electrical time constant	6.33 ms	Braking torque	9.00 Nm
Winding terminal resistance	0.9 Ω	Voltage	24 V DC
Rotary field terminal inductance	5.7 mH	Power @20°C	18.0 W
		Current @20°C	0.75 A
		Inertia	0.60 kgcm ²
		Mass	0.82 kg
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+

