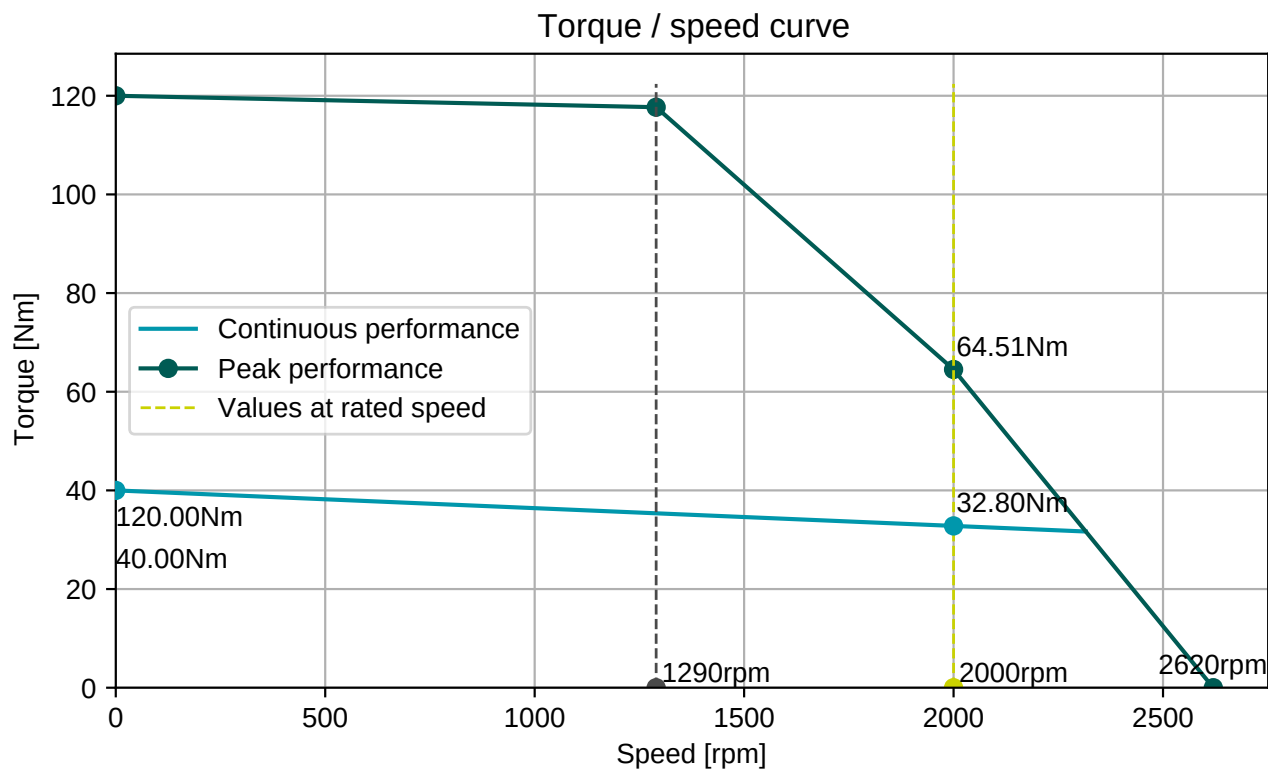


Engineering data (WIN 879)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.89 ms
Rated voltage	311 V AC (rms)	Thermal time constant	90 min
Rated power	6.9 kW	Rotor inertia	69 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	32.80 Nm	Color	RAL 9005
Rated current	15.38 A (rms)	Cooling	Convection
Peak torque	120 Nm	Motor-only mass	23.2 kg
Peak current	59.1 A (rms)	Max. axial force 20kh	301 N
Stall torque	40 Nm	Max. radial force 20kh	1585 N*
Stall current	16.7 A (rms)	Max. axial force 100kh	176 N
No load speed	2620 rpm	Max. radial force 100kh	927 N*
EMF constant ±10%	145 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.4 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	2.1 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	EKS36 (HDSL) single-turn, 18 bits, SIL2
Electrical time constant	18.14 ms	Brake	
Winding terminal resistance	0.43 Ω	Braking torque	36.00 Nm
Rotary field terminal inductance	7.8 mH	Voltage	24 V DC
Customs info		Power @20°C	26.0 W
HS Code	85015220	Current @20°C	1.08 A
		Inertia	6.20 kgcm ²
		Mass	2.85 kg


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+

