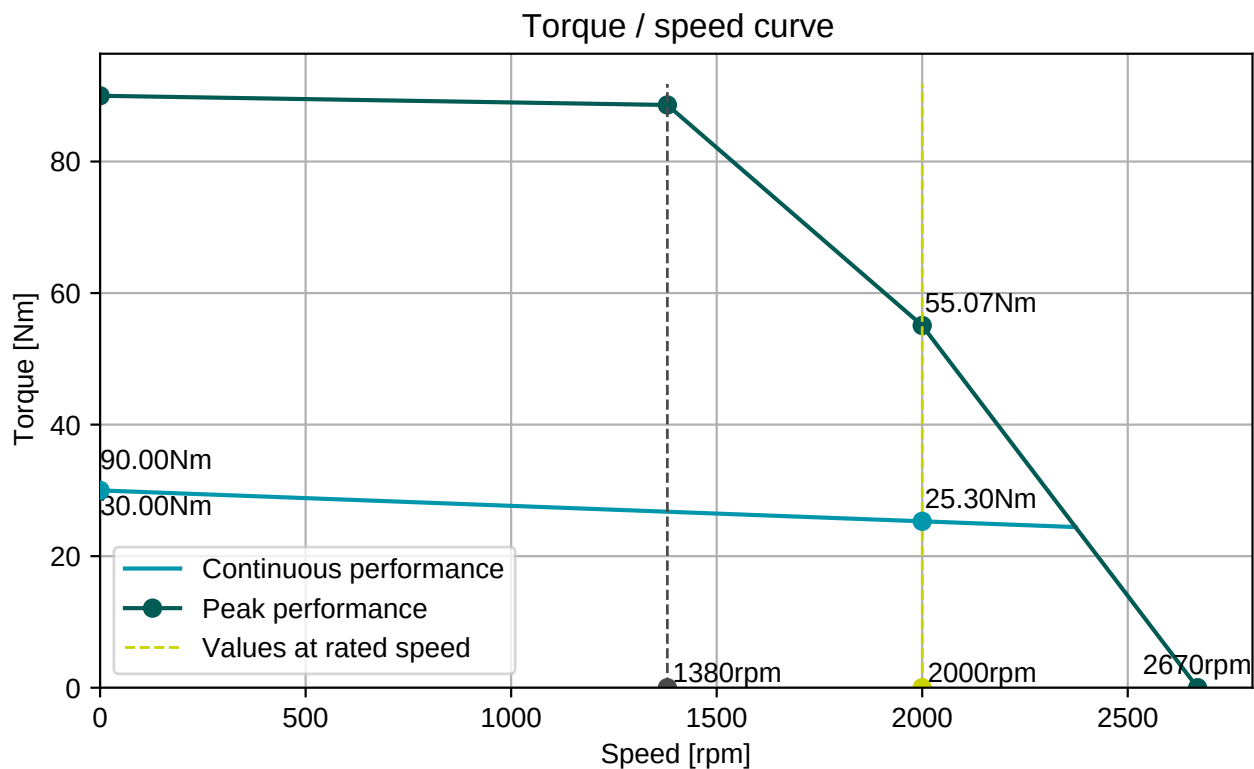


Engineering data (WIN 985)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.65 ms
Rated voltage	288 V AC (rms)	Thermal time constant	52 min
Rated power	5.3 kW	Rotor inertia	32.7 kgcm²
Rated speed	2000 rpm	Protection	IP64
Rated torque	25.30 Nm	Color	RAL 9005
Rated current	12.92 A (rms)	Cooling	Convection
Peak torque	90 Nm	Motor-only mass	9.2 kg
Peak current	45.9 A (rms)	Max. axial force 20kh	156 N
Stall torque	30 Nm	Max. radial force 20kh	820 N*
Stall current	12.8 A (rms)	Max. axial force 100kh	91 N
No load speed	2670 rpm	Max. radial force 100kh	480 N*
EMF constant ±10%	142 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.35 Nm / A (rms)		
Torque constant ±10% @ rated load	1.96 Nm / A (rms)	Sensors	
Number of poles	10	Temperature	PT1000 {PT1000}
Electrical time constant	14.60 ms	Feedback	EKM36 (HDSL) multi-turn, 17 + 12 bits
Winding terminal resistance	0.63 Ω		
Rotary field terminal inductance	9.2 mH		
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+

