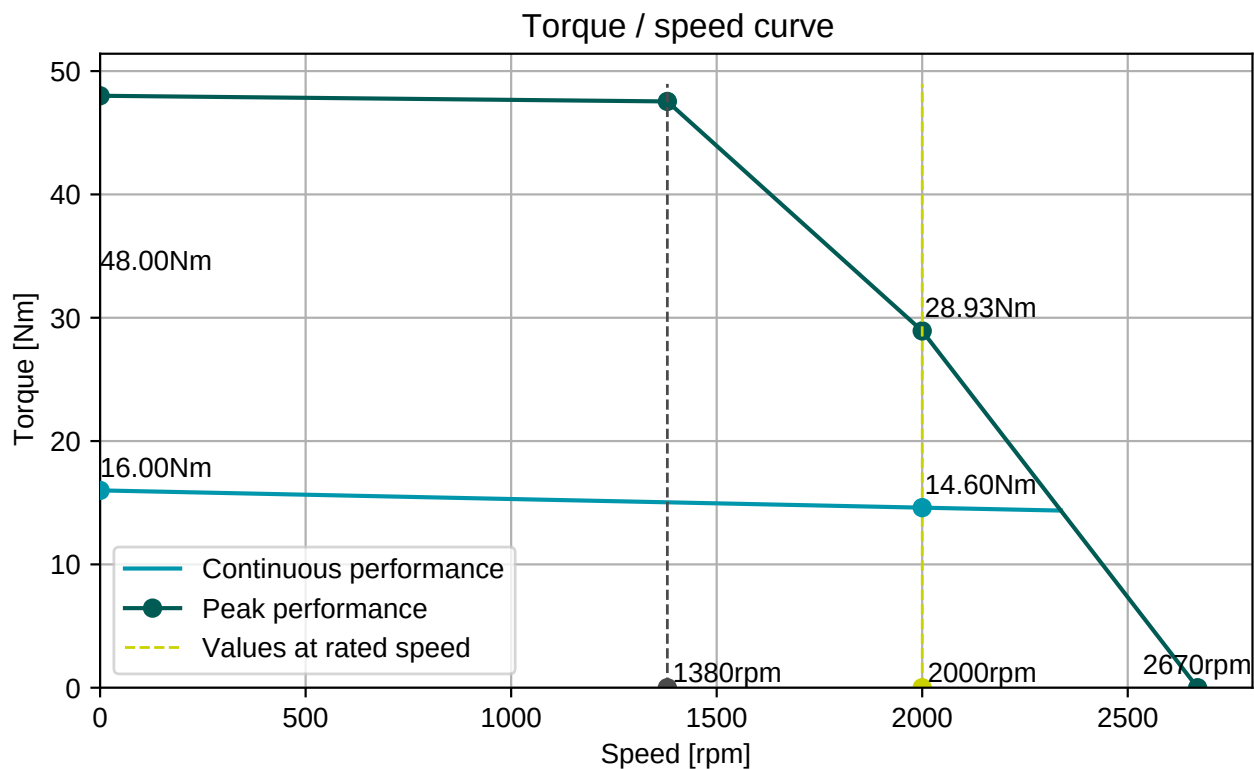


Engineering data (WIN 834)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.68 ms
Rated voltage	306 V AC (rms)	Thermal time constant	55 min
Rated power	3.1 kW	Rotor inertia	11.5 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	14.60 Nm	Color	RAL 9005
Rated current	6.83 A (rms)	Cooling	Convection
Peak torque	48 Nm	Max. axial force 20kh	158 N
Peak current	24 A (rms)	Max. radial force 20kh	829 N*
Stall torque	16 Nm	Max. axial force 100kh	92 N
Stall current	6.8 A (rms)	Max. radial force 100kh	485 N*
No load speed	2670 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	142 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	2.35 Nm / A (rms)	Temperature	PT1000 {PT1000}
Torque constant ±10% @ rated load	2.14 Nm / A (rms)	Feedback	EKS36 (HDSL) single-turn, 17 bits
Number of poles	10	Brake	
Electrical time constant	8.82 ms	Braking torque	18.00 Nm
Winding terminal resistance	1.87 Ω	Voltage	24 V DC
Rotary field terminal inductance	16.5 mH	Power @20°C	24.0 W
		Current @20°C	1.00 A
		Inertia	2.00 kgcm ²
		Mass	1.80 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+

