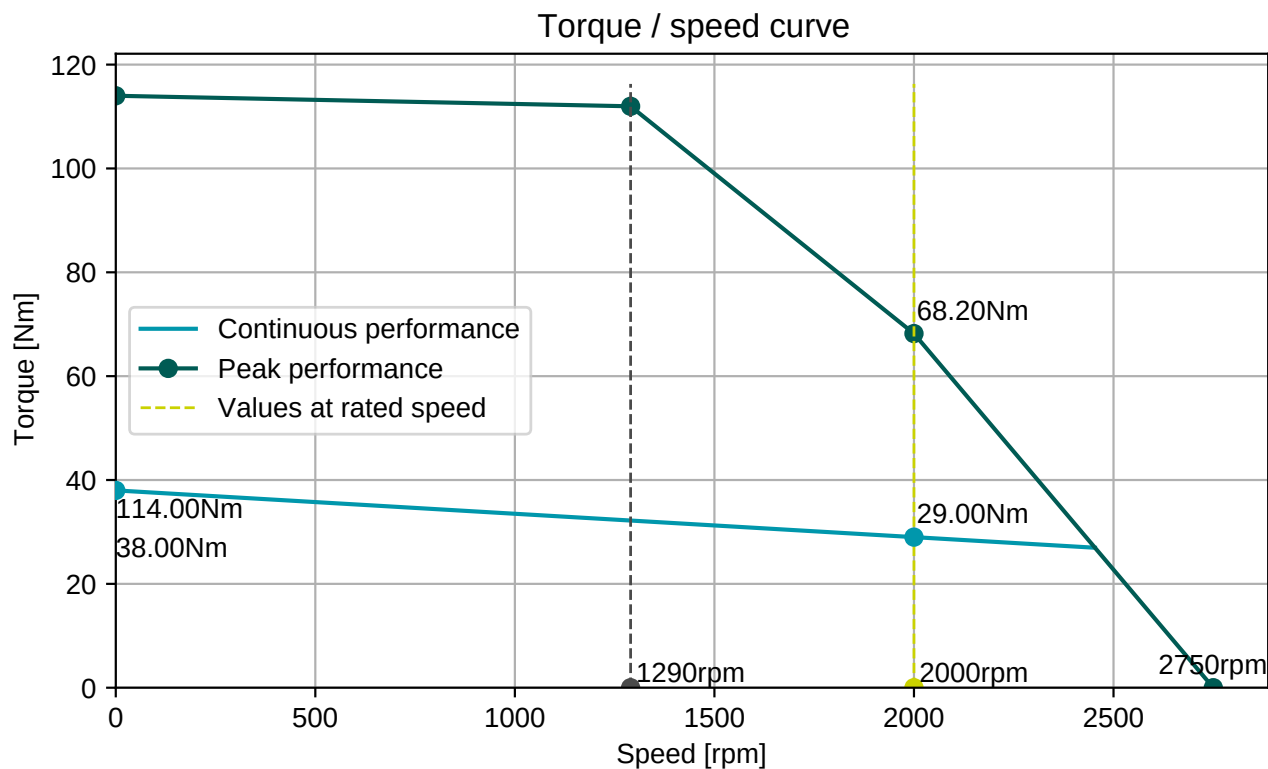


Engineering data (WIN 898)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.69 ms
Rated voltage	284 V AC (rms)	Thermal time constant	57 min
Rated power	6.1 kW	Rotor inertia	39.9 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	29.00 Nm	Color	RAL 9005
Rated current	14.95 A (rms)	Cooling	Convection
Peak torque	114 Nm	Motor-only mass	20 kg
Peak current	64.4 A (rms)	Max. axial force 20kh	162 N
Stall torque	38 Nm	Max. radial force 20kh	853 N*
Stall current	16.6 A (rms)	Max. axial force 100kh	95 N
No load speed	2750 rpm	Max. radial force 100kh	499 N*
EMF constant ±10%	138 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.28 Nm / A (rms)		
Torque constant ±10% @ rated load	1.94 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	13.85 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	0.52 Ω	Feedback	EKM36 (HDSL) multi-turn, 18+12 bits, SIL2
Rotary field terminal inductance	7.2 mH	Brake	
Customs info		Braking torque	36.00 Nm
HS Code	85015220	Voltage	24 V DC
		Power @20°C	26.0 W
		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+

