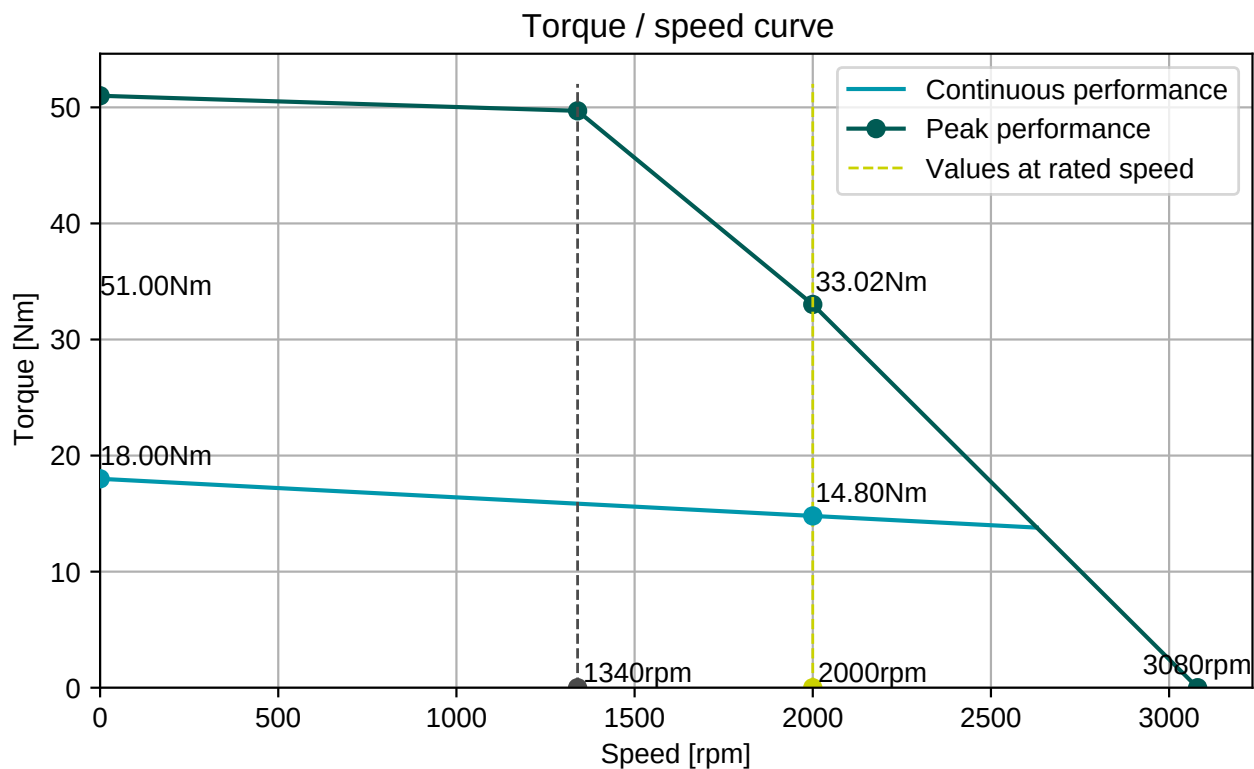


Engineering data (WIN 976)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.92 ms
Rated voltage	269 V AC (rms)	Thermal time constant	42 min
Rated power	3.1 kW	Rotor inertia	18.5 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	14.80 Nm	Color	RAL 9005
Rated current	8.56 A (rms)	Cooling	Convection
Peak torque	51 Nm	Motor-only mass	13.7 kg
Peak current	32.9 A (rms)	Max. axial force 20kh	152 N
Stall torque	18 Nm	Max. radial force 20kh	800 N*
Stall current	8.8 A (rms)	Max. axial force 100kh	89 N
No load speed	3080 rpm	Max. radial force 100kh	468 N*
EMF constant ±10%	123 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.03 Nm / A (rms)		
Torque constant ±10% @ rated load	1.73 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	11.51 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	1.19 Ω	Feedback	EKS36 (HDSL) single-turn, 18 bits, SIL2
Rotary field terminal inductance	13.7 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+

