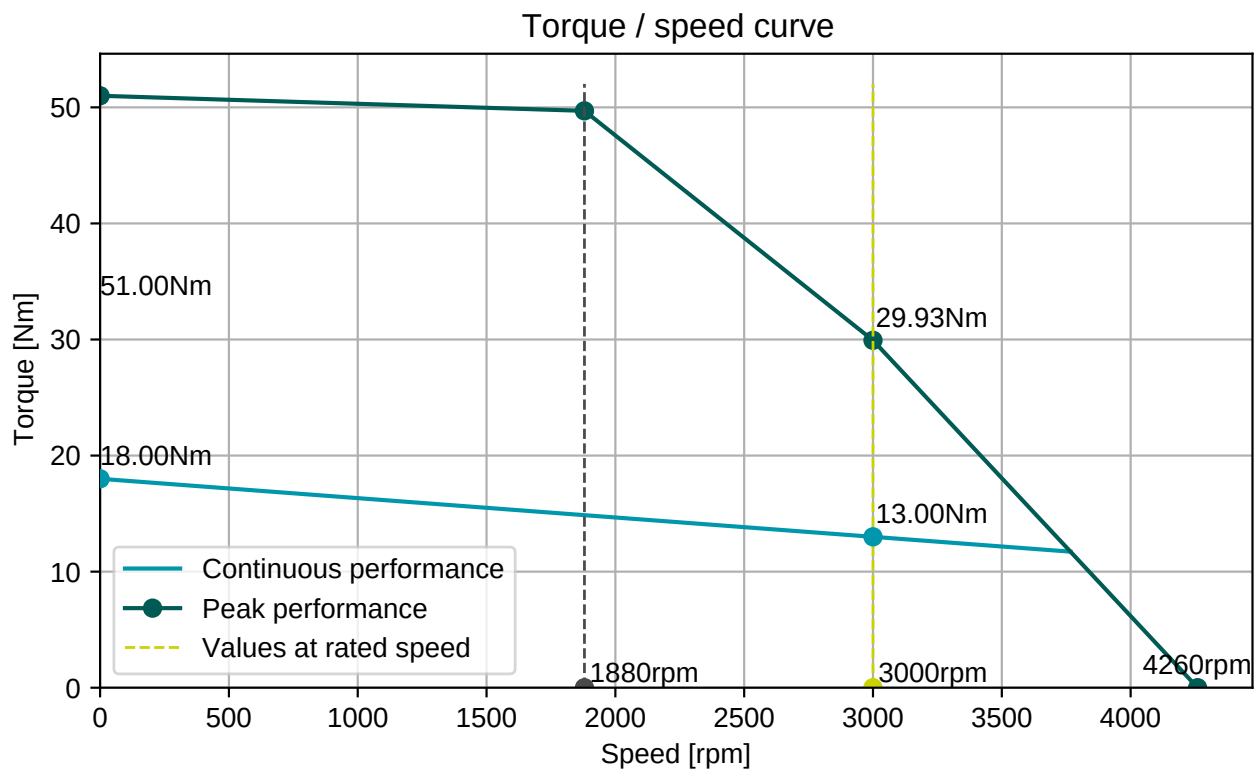
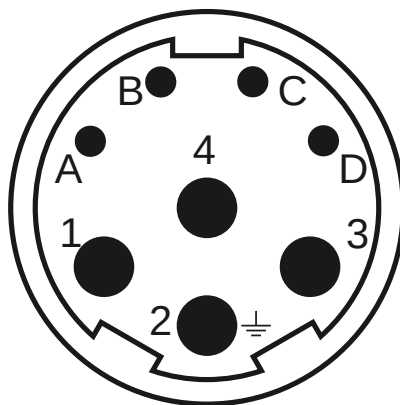


Engineering data (WIN 1074)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.92 ms
Rated voltage	274 V AC (rms)	Thermal time constant	42 min
Rated power	4.1 kW	Rotor inertia	18.5 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	13.00 Nm	Color	RAL 9005
Rated current	10.96 A (rms)	Cooling	Convection
Peak torque	51 Nm	Motor-only mass	9.2 kg
Peak current	45.4 A (rms)	Max. axial force 20kh	133 N
Stall torque	18 Nm	Max. radial force 20kh	699 N*
Stall current	12.2 A (rms)	Max. axial force 100kh	78 N
No load speed	4260 rpm	Max. radial force 100kh	409 N*
EMF constant ±10%	89 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.47 Nm / A (rms)		
Torque constant ±10% @ rated load	1.19 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	11.61 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	0.62 Ω	Feedback	EDM35 (HDSL) multi-turn, 20+12 bits
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+

