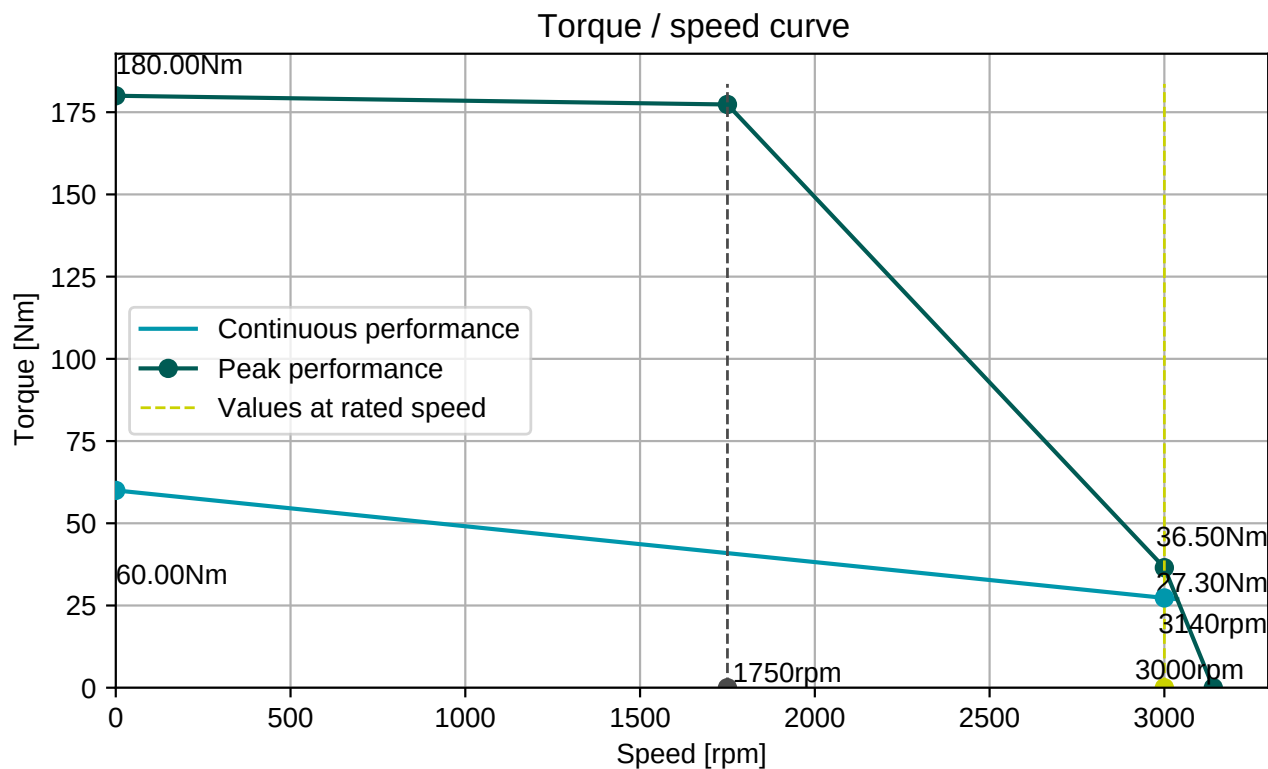


Engineering data (WIN 1165)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.69 ms
Rated voltage	349 V AC (rms)	Thermal time constant	108 min
Rated power	8.6 kW	Rotor inertia	107 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	27.30 Nm	Color	RAL 9005
Rated current	16.18 A (rms)	Cooling	Convection
Peak torque	180 Nm	Motor-only mass	33.5 kg
Peak current	101.8 A (rms)	Max. axial force 20kh	274 N
Stall torque	60 Nm	Max. radial force 20kh	1443 N*
Stall current	30 A (rms)	Max. axial force 100kh	160 N
No load speed	3140 rpm	Max. radial force 100kh	844 N*
EMF constant ±10%	125 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.067 Nm / A (rms)		
Torque constant ±10% @ rated load	1.687 Nm / A (rms)		
Number of poles	10		
Electrical time constant	18.75 ms		
Winding terminal resistance	0.16 Ω		
Rotary field terminal inductance	3 mH		
Customs info		Sensors	
HS Code	85015230	Temperature	PT1000 {PT1000}
		Feedback	EDM35 (HDSL) multi-turn, 20+12 bits
		Brake	
		Braking torque	36.00 Nm
		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+

