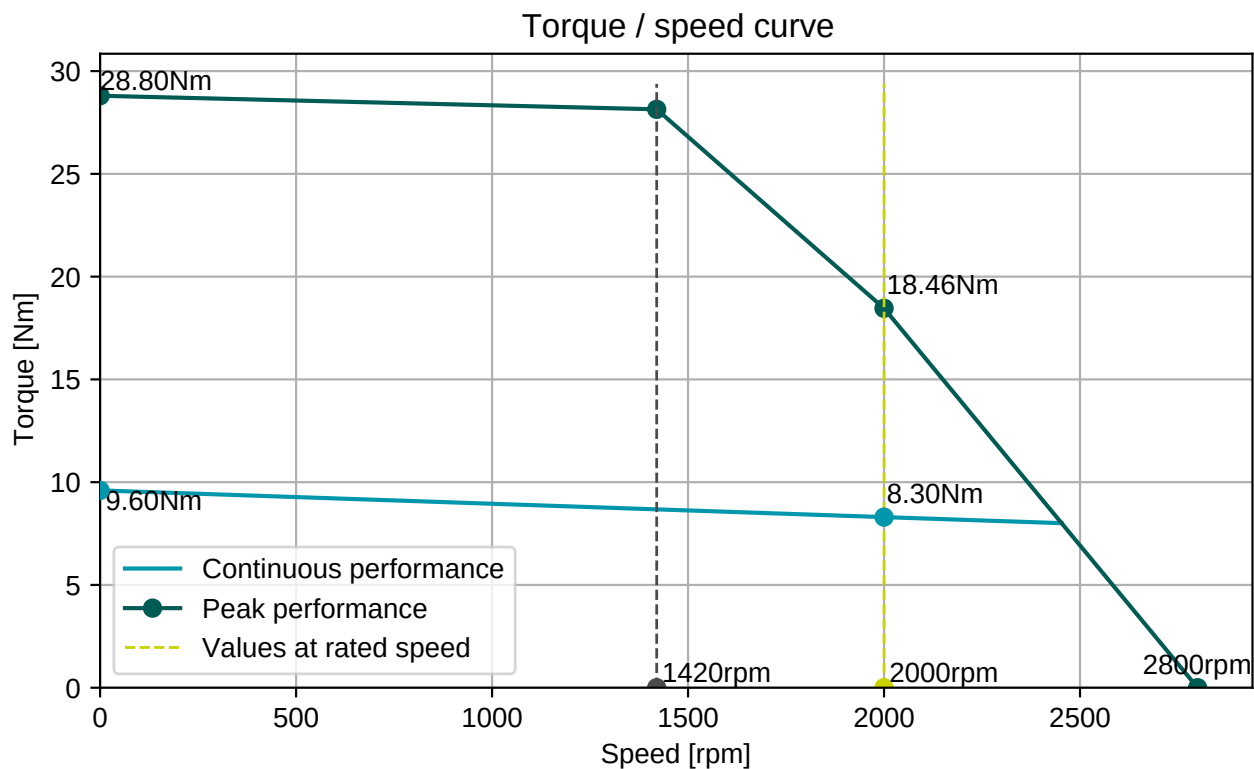


Engineering data (WIN 1077)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.61 ms
Rated voltage	286 V AC (rms)	Thermal time constant	35 min
Rated power	1.7 kW	Rotor inertia	4.49 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	8.30 Nm	Color	RAL 9005
Rated current	4.41 A (rms)	Cooling	Convection
Peak torque	28.8 Nm	Max. axial force 20kh	150 N
Peak current	16 A (rms)	Max. radial force 20kh	788 N*
Stall torque	9.6 Nm	Max. axial force 100kh	88 N
Stall current	4.3 A (rms)	Max. radial force 100kh	461 N*
No load speed	2800 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	135 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	2.23 Nm / A (rms)	Temperature	PT1000 {PT1000}
Torque constant ±10% @ rated load	1.88 Nm / A (rms)	Feedback	EDS35 (HDSL) single-turn, 24 bits
Number of poles	10		
Electrical time constant	5.88 ms		
Winding terminal resistance	3.88 Ω		
Rotary field terminal inductance	22.8 mH		
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+

