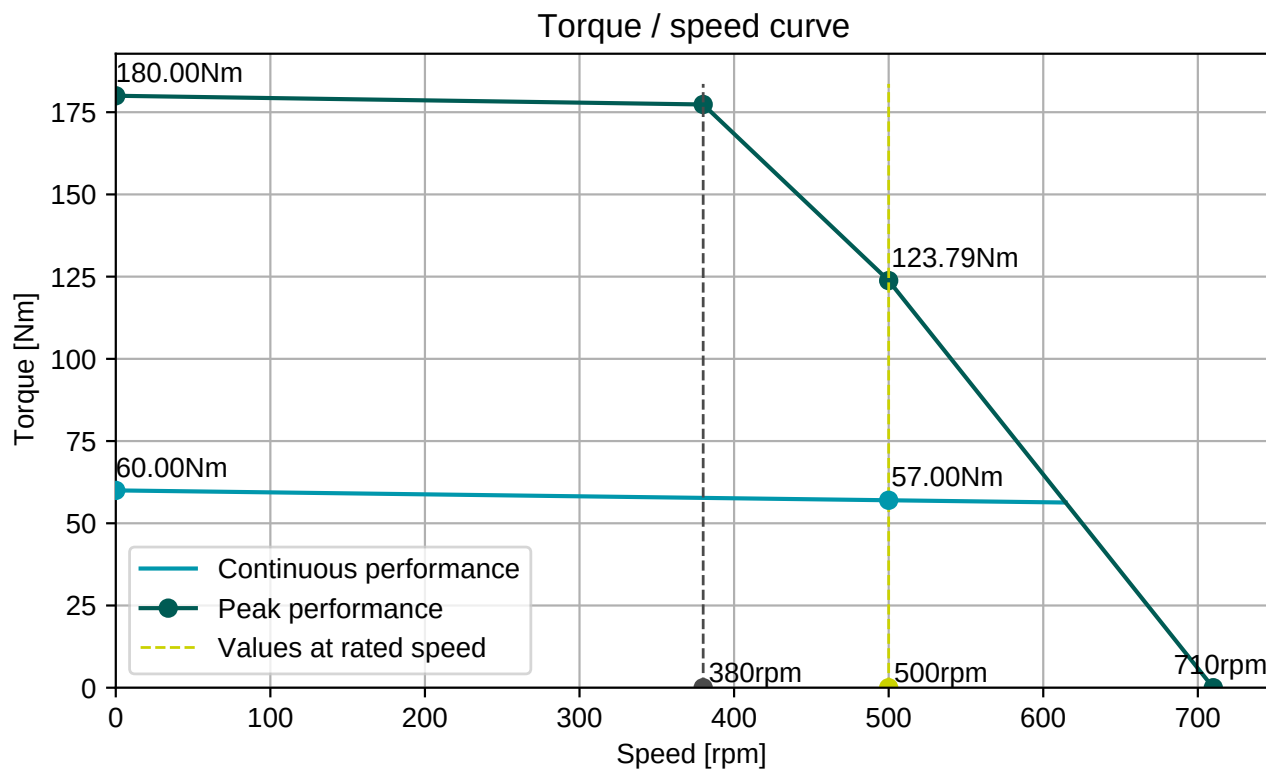


Engineering data (WIN 1306)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.68 ms
Rated voltage	305 V AC (rms)	Thermal time constant	108 min
Rated power	3.0 kW	Rotor inertia	107 kgcm ²
Rated speed	500 rpm	Protection	IP64
Rated torque	57.00 Nm	Color	RAL 9005
Rated current	6.8 A (rms)	Cooling	Convection
Peak torque	180 Nm	Motor-only mass	24 kg
Peak current	22.9 A (rms)	Max. axial force 20kh	302 N
Stall torque	60 Nm	Max. radial force 20kh	1588 N*
Stall current	6.8 A (rms)	Max. axial force 100kh	176 N
No load speed	710 rpm	Max. radial force 100kh	929 N*
EMF constant ±10%	537 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	8.882 Nm / A (rms)		
Torque constant ±10% @ rated load	8.382 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EDS35 (HDSL) single-turn, 24 bits	
Number of poles	10		
Electrical time constant	19.08 ms		
Winding terminal resistance	2.877 Ω		
Rotary field terminal inductance	54.9 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+

