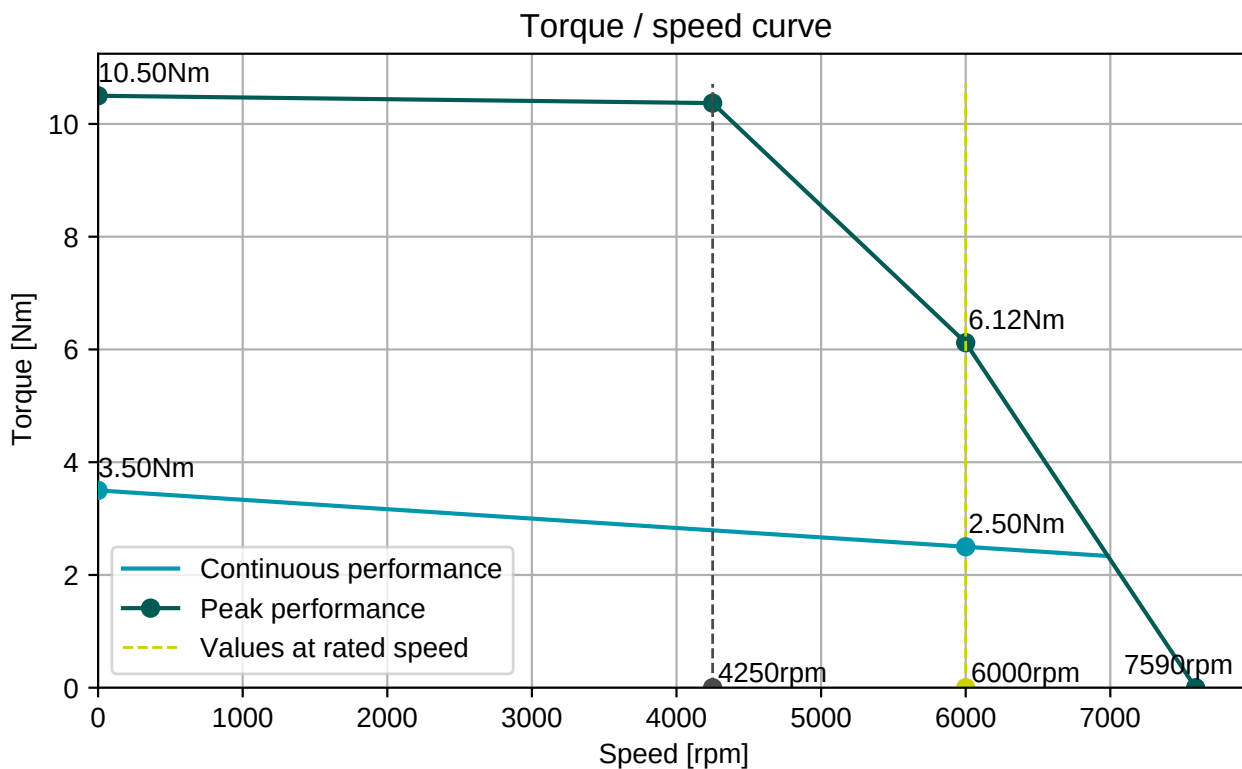


Engineering data (WIN 720)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.74 ms
Rated voltage	264 V AC (rms)	Thermal time constant	27 min
Rated power	1.6 kW	Rotor inertia	1.04 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	2.50 Nm	Color	RAL 9005
Rated current	3.46 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Motor-only mass	2 kg
Peak current	15.3 A (rms)	Max. axial force 20kh	54 N
Stall torque	3.5 Nm	Max. radial force 20kh	283 N*
Stall current	4.23 A (rms)	Max. axial force 100kh	31 N
No load speed	7590 rpm	Max. radial force 100kh	165 N*
EMF constant ±10%	50 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.83 Nm / A (rms)		
Torque constant ±10% @ rated load	0.72 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EKM36 (HDSL) multi-turn, 17 + 12 bits	
Number of poles	10		
Electrical time constant	2.88 ms		
Winding terminal resistance	2.81 Ω		
Rotary field terminal inductance	8.1 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+

