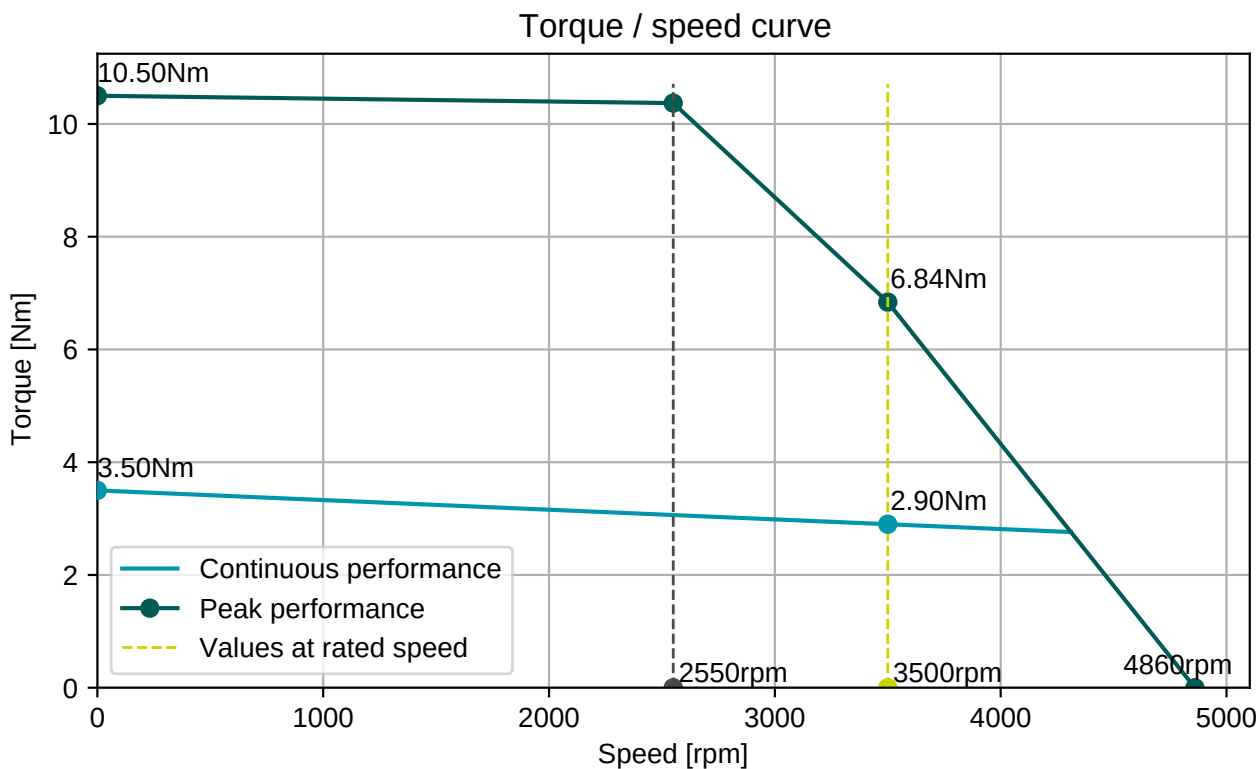


Engineering data (WIN 1084)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.74 ms
Rated voltage	276 V AC (rms)	Thermal time constant	27 min
Rated power	1.1 kW	Rotor inertia	1.04 kgcm ²
Rated speed	3500 rpm	Protection	IP64
Rated torque	2.90 Nm	Color	RAL 9005
Rated current	2.73 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Motor-only mass	2 kg
Peak current	9.8 A (rms)	Max. axial force 20kh	64 N
Stall torque	3.5 Nm	Max. radial force 20kh	338 N*
Stall current	2.71 A (rms)	Max. axial force 100kh	38 N
No load speed	4860 rpm	Max. radial force 100kh	198 N*
EMF constant ±10%	78 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.29 Nm / A (rms)		
Torque constant ±10% @ rated load	1.06 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EKM36 (HDSL) multi-turn, 18+12 bits, SIL2	
Number of poles	10		
Electrical time constant	2.88 ms		
Winding terminal resistance	6.85 Ω		
Rotary field terminal inductance	19.7 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+

