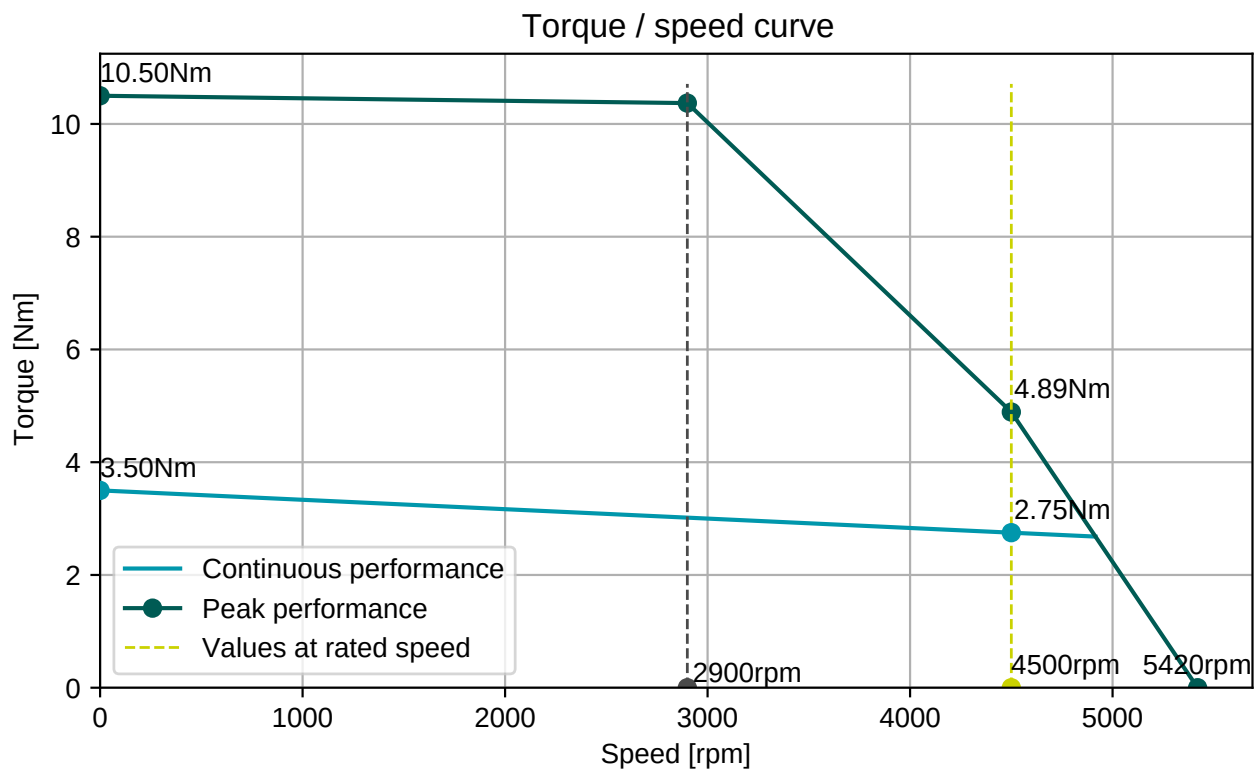


Engineering data (WIN 889)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.73 ms
Rated voltage	301 V AC (rms)	Thermal time constant	27 min
Rated power	1.3 kW	Rotor inertia	1.04 kgcm ²
Rated speed	4500 rpm	Protection	IP64
Rated torque	2.75 Nm	Color	RAL 9005
Rated current	3.04 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Motor-only mass	2 kg
Peak current	10.9 A (rms)	Max. axial force 20kh	59 N
Stall torque	3.5 Nm	Max. radial force 20kh	311 N*
Stall current	3.02 A (rms)	Max. axial force 100kh	35 N
No load speed	5420 rpm	Max. radial force 100kh	182 N*
EMF constant ±10%	70 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.16 Nm / A (rms)		
Torque constant ±10% @ rated load	0.90 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EDM35 (HDSL) multi-turn, 20+12 bits	
Number of poles	10		
Electrical time constant	2.92 ms		
Winding terminal resistance	5.45 Ω		
Rotary field terminal inductance	15.9 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+

