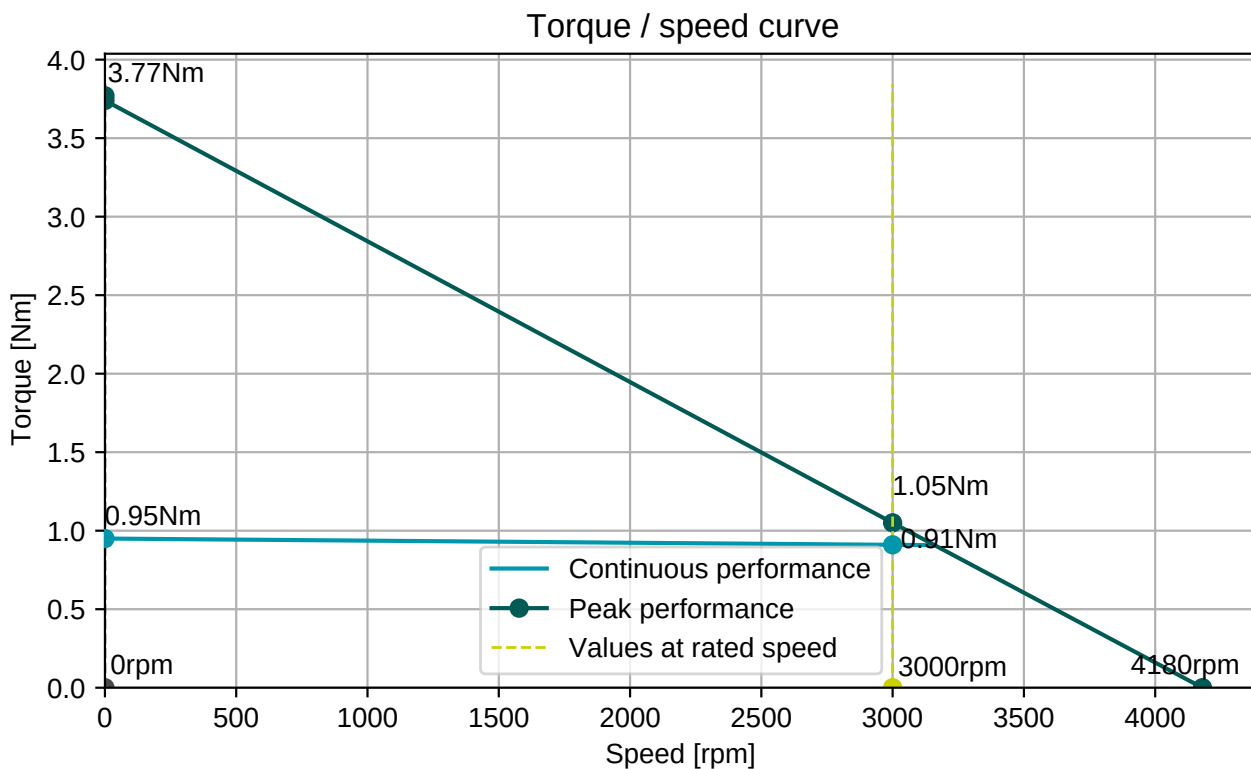


Engineering data (WIN 1035)		Mechanical data (setting 48)	
DC bus voltage	48 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	33 V AC (rms)	Mech. time constant	1.00 ms
Rated voltage	32 V AC (rms)	Thermal time constant	18 min
Rated power	286 W	Rotor inertia	0.11 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	0.91 Nm	Color	RAL 9005
Rated current	7.31 A (rms)	Cooling	Convection
Peak torque	3.77 Nm	Motor-only mass	1.7 kg
Peak current	33.4 A (rms)	Max. axial force 20kh	48 N
Stall torque	0.95 Nm	Max. radial force 20kh	254 N*
Stall current	7.3 A (rms)	Max. axial force 100kh	28 N
No load speed	4180 rpm	Max. radial force 100kh	148 N*
EMF constant ±10%	7.8 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.13 Nm / A (rms)		
Torque constant ±10% @ rated load	0.12 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EKS36 (HDSL) single-turn, 18 bits, SIL2	
Number of poles	6		
Electrical time constant	1.36 ms	Customs info HS Code 85015100	
Winding terminal resistance	0.87 Ω		
Rotary field terminal inductance	1.18 mH		


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+

