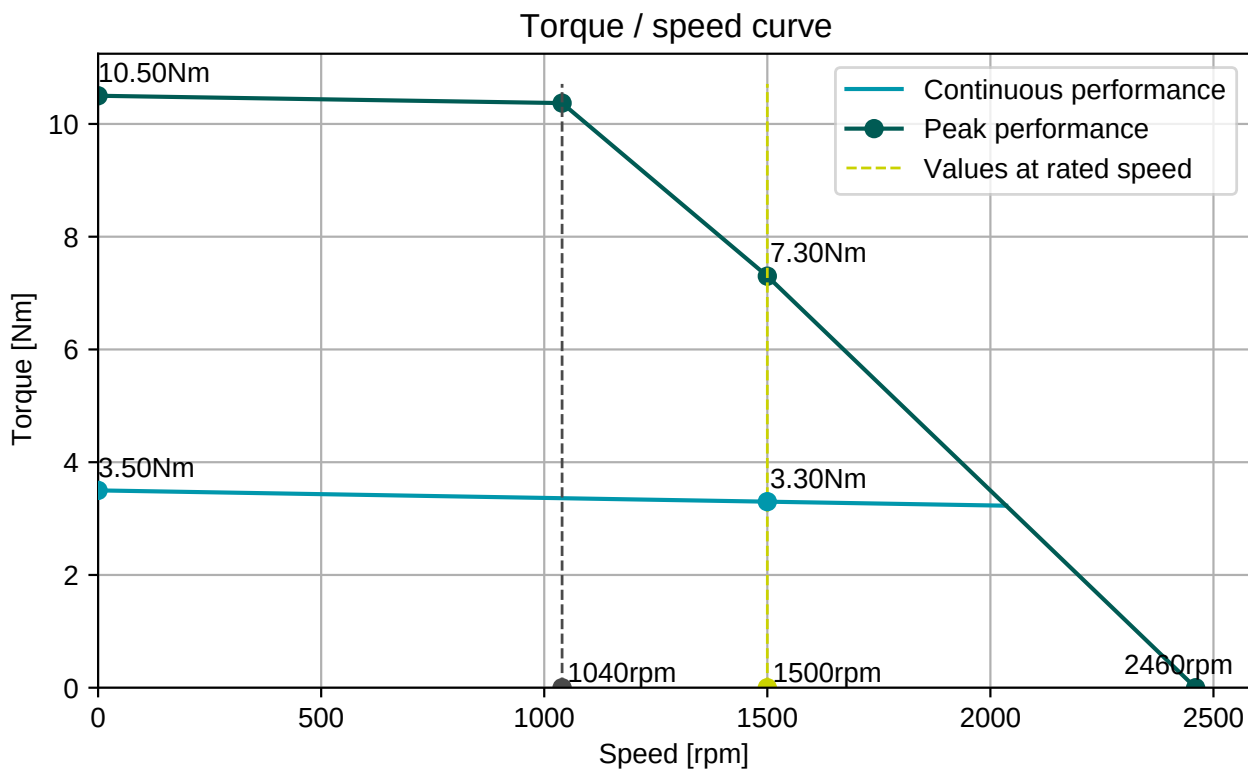


Engineering data (WIN 1073)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.74 ms
Rated voltage	160 V AC (rms)	Thermal time constant	27 min
Rated power	518 W	Rotor inertia	1.04 kgcm ²
Rated speed	1500 rpm	Protection	IP64
Rated torque	3.30 Nm	Color	RAL 9005
Rated current	2.48 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Max. axial force 20kh	94 N
Peak current	8.6 A (rms)	Max. radial force 20kh	495 N*
Stall torque	3.5 Nm	Max. axial force 100kh	55 N
Stall current	2.38 A (rms)	Max. radial force 100kh	290 N*
No load speed	2460 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	89 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	1.47 Nm / A (rms)	Temperature	PT1000 {PT1000}
Torque constant ±10% @ rated load	1.33 Nm / A (rms)	Feedback	EKS36 (HDSL) single-turn, 17 bits
Number of poles	10		
Electrical time constant	2.88 ms		
Winding terminal resistance	8.89 Ω		
Rotary field terminal inductance	25.6 mH		
Customs info			
HS Code	85015100		



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+

