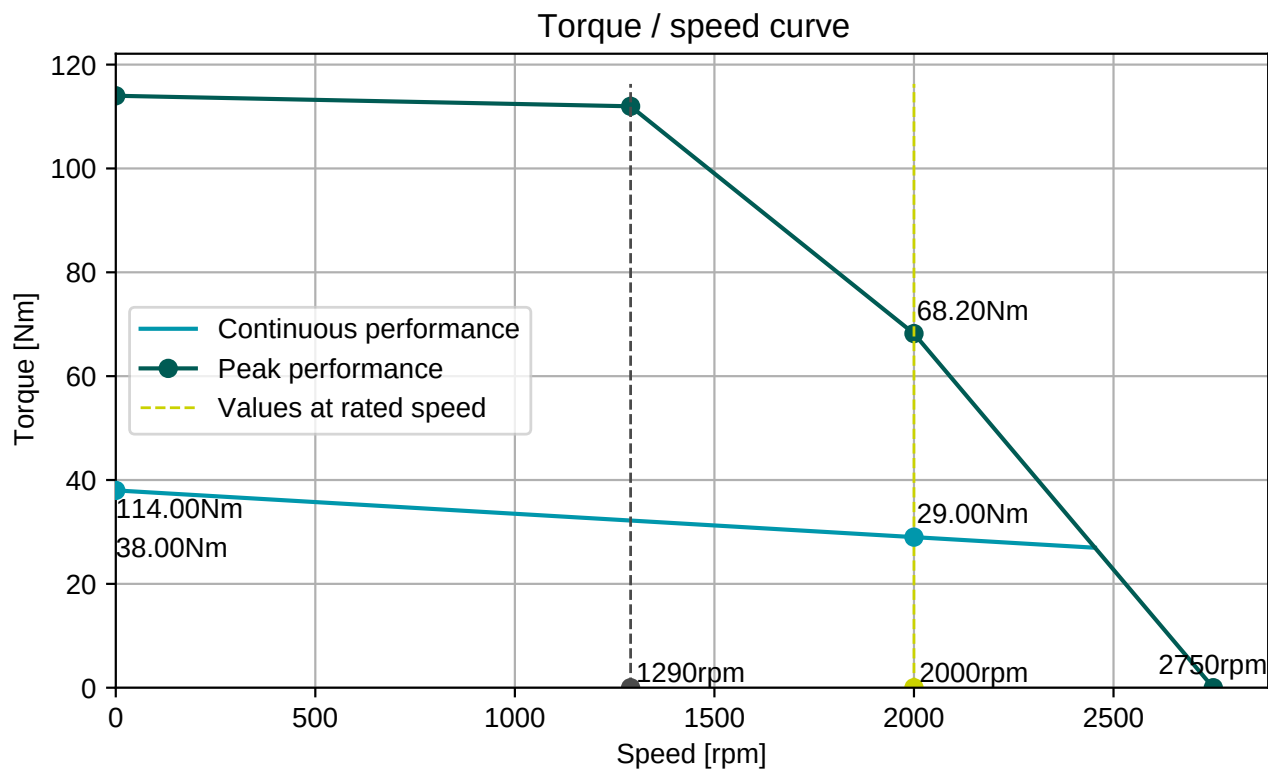


Engineering data (WIN 898)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.69 ms
Rated voltage	284 V AC (rms)	Thermal time constant	57 min
Rated power	6.1 kW	Rotor inertia	39.9 kgcm ²
Rated speed	2000 rpm	Protection	IP64
Rated torque	29.00 Nm	Color	RAL 9005
Rated current	14.95 A (rms)	Cooling	Convection
Peak torque	114 Nm	Motor-only mass	13.8 kg
Peak current	64.4 A (rms)	Max. axial force 20kh	161 N
Stall torque	38 Nm	Max. radial force 20kh	849 N*
Stall current	16.6 A (rms)	Max. axial force 100kh	94 N
No load speed	2750 rpm	Max. radial force 100kh	496 N*
EMF constant ±10%	138 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	2.28 Nm / A (rms)		
Torque constant ±10% @ rated load	1.94 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback EKS36 (HDSL) single-turn, 18 bits, SIL2	
Number of poles	10		
Electrical time constant	13.85 ms		
Winding terminal resistance	0.52 Ω		
Rotary field terminal inductance	7.2 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+

