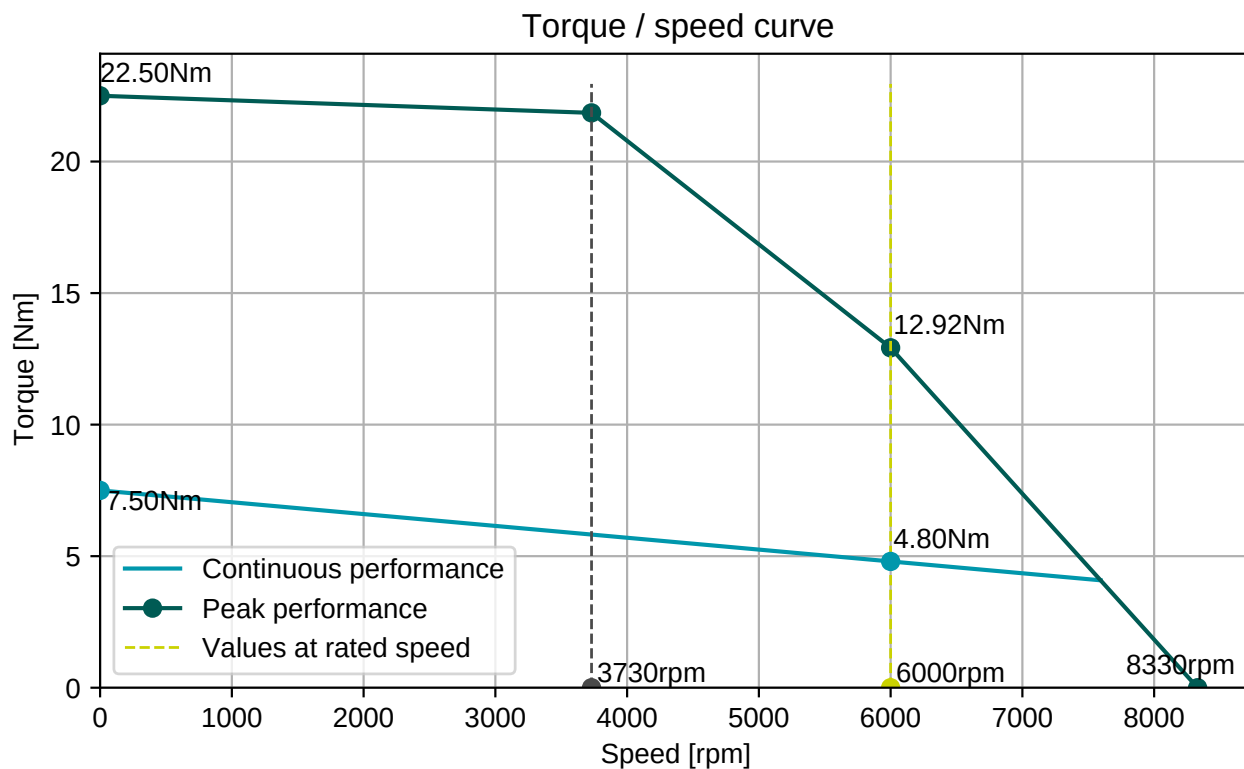


Engineering data (WIN 799)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.63 ms
Rated voltage	255 V AC (rms)	Thermal time constant	30 min
Rated power	3.0 kW	Rotor inertia	3.26 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	4.80 Nm	Color	RAL 9005
Rated current	8.76 A (rms)	Cooling	Convection
Peak torque	22.5 Nm	Max. axial force 20kh	99 N
Peak current	42.7 A (rms)	Max. radial force 20kh	519 N*
Stall torque	7.5 Nm	Max. axial force 100kh	58 N
Stall current	10 A (rms)	Max. radial force 100kh	303 N*
No load speed	8330 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	45.5 V AC (rms) / 1000rpm	Sensors	
Theoretical torque constant ±10%	0.75 Nm / A (rms)	Temperature	PT1000 {PT1000}
Torque constant ±10% @ rated load	0.55 Nm / A (rms)	Feedback	EKS36 (HDSL) single-turn, 17 bits
Number of poles	10		
Electrical time constant	5.81 ms		
Winding terminal resistance	0.63 Ω		
Rotary field terminal inductance	3.66 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+

