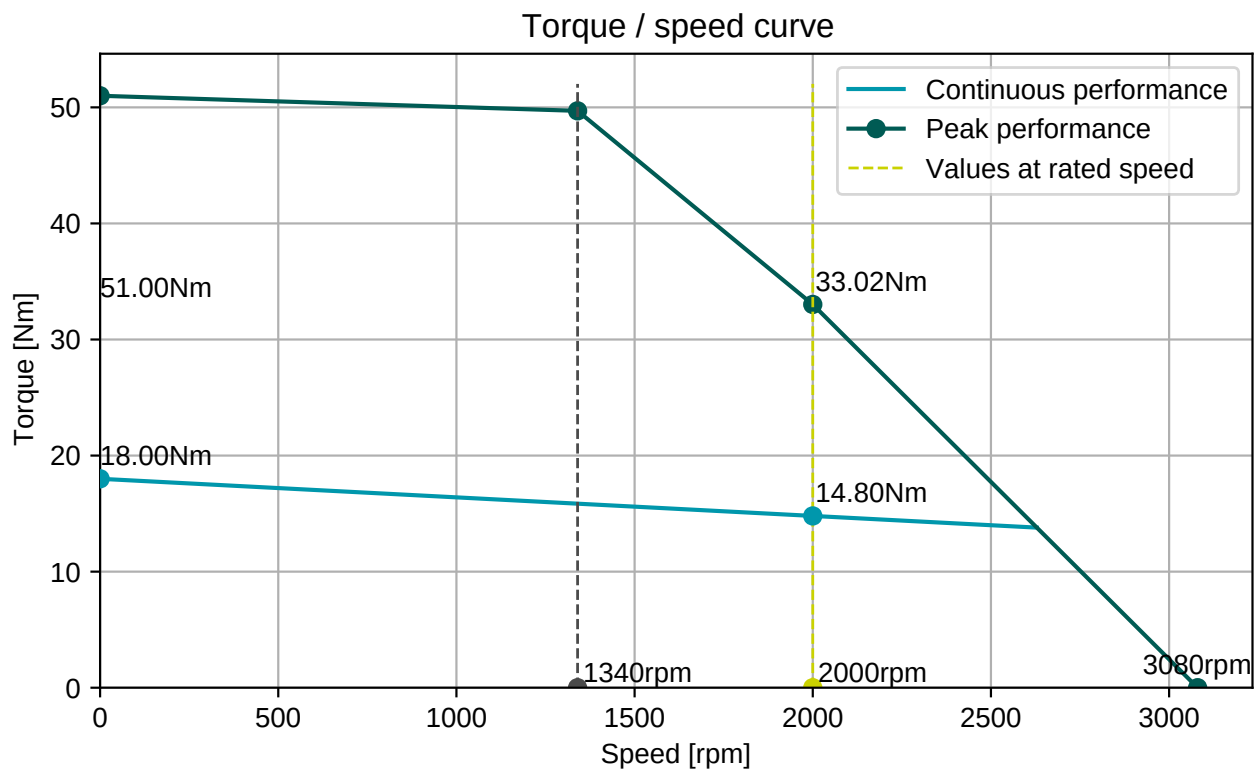


Engineering data (WIN 976)		Mechanical data (setting 48)							
DC bus voltage	560 V DC	Max mechanical speed	6000 rpm						
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.92 ms						
Rated voltage	269 V AC (rms)	Thermal time constant	42 min						
Rated power	3.1 kW	Rotor inertia	18.5 kgcm²						
Rated speed	2000 rpm	Protection	IP64						
Rated torque	14.80 Nm	Color	RAL 9005						
Rated current	8.56 A (rms)	Cooling	Convection						
Peak torque	51 Nm	Motor-only mass	9.2 kg						
Peak current	32.9 A (rms)	Max. axial force 20kh	139 N						
Stall torque	18 Nm	Max. radial force 20kh	729 N*						
Stall current	8.8 A (rms)	Max. axial force 100kh	81 N						
No load speed	3080 rpm	Max. radial force 100kh	427 N*						
EMF constant ±10%	123 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length							
Theoretical torque constant ±10%	2.03 Nm / A (rms)								
Torque constant ±10% @ rated load	1.73 Nm / A (rms)	<table><tr><th colspan="2">Sensors</th></tr><tr><td>Temperature</td><td>PT1000 {PT1000}</td></tr><tr><td>Feedback</td><td>EKM36 (HDSL) multi-turn, 17 + 12 bits</td></tr></table>		Sensors		Temperature	PT1000 {PT1000}	Feedback	EKM36 (HDSL) multi-turn, 17 + 12 bits
Sensors									
Temperature	PT1000 {PT1000}								
Feedback	EKM36 (HDSL) multi-turn, 17 + 12 bits								
Number of poles	10								
Electrical time constant	11.51 ms								
Winding terminal resistance	1.19 Ω								
Rotary field terminal inductance	13.7 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+

