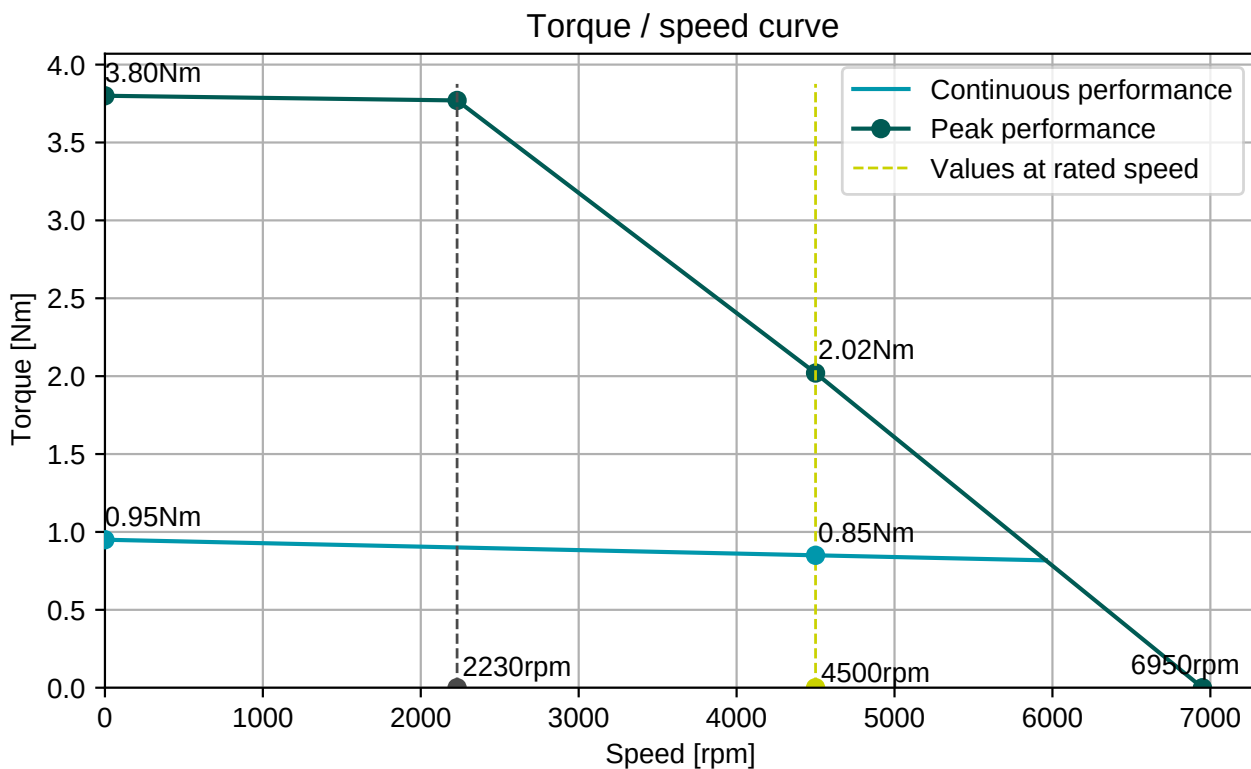


Engineering data (WIN 745)		Mechanical data (setting 48)							
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm						
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.92 ms						
Rated voltage	172 V AC (rms)	Thermal time constant	18 min						
Rated power	401 W	Rotor inertia	0.11 kgcm²						
Rated speed	4500 rpm	Protection	IP64						
Rated torque	0.85 Nm	Color	RAL 9005						
Rated current	1.7 A (rms)	Cooling	Convection						
Peak torque	3.8 Nm	Motor-only mass	1.7 kg						
Peak current	8.4 A (rms)	Max. axial force 20kh	42 N						
Stall torque	0.95 Nm	Max. radial force 20kh	222 N*						
Stall current	1.82 A (rms)	Max. axial force 100kh	25 N						
No load speed	6950 rpm	Max. radial force 100kh	130 N*						
EMF constant ±10%	31.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length							
Theoretical torque constant ±10%	0.52 Nm / A (rms)								
Torque constant ±10% @ rated load	0.50 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>EES37 (HDSL) single-turn, 17 bits</td></tr></table>		Sensors		Temperature	PT1000 {PT1000}	Feedback	EES37 (HDSL) single-turn, 17 bits
Sensors									
Temperature	PT1000 {PT1000}								
Feedback	EES37 (HDSL) single-turn, 17 bits								
Number of poles	6								
Electrical time constant	1.46 ms								
Winding terminal resistance	13.05 Ω								
Rotary field terminal inductance	19 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+

