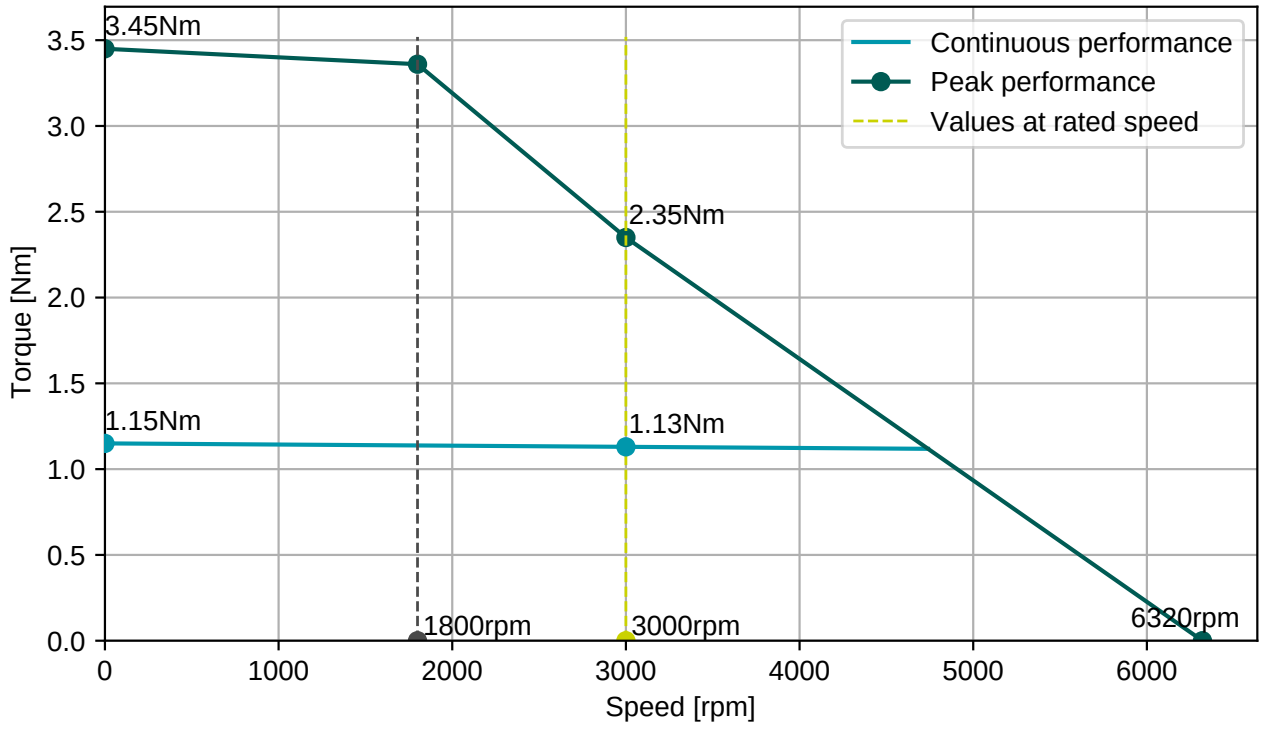
Engineering data (WIN 702)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	136	V AC (rms)
Rated power	355	W
Rated speed	3000	rpm
Rated torque	1.13	Nm
Rated current	2.31	A (rms)
Peak torque	3.45	Nm
Peak current	9.2	A (rms)
Stall torque	1.15	Nm
Stall current	2.02	A (rms)
No load speed	6320	rpm
EMF constant ±10%	34.5	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.57	Nm / A (rms)
Torque constant ±10% @ rated load	0.49	Nm / A (rms)
Number of poles	10	
Electrical time constant	2.15	ms
Winding terminal resistance	8.39	Ω
Rotary field terminal inductance	18	mH

Customs info	
HS Code	85015100

Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	1.38	ms
Thermal time constant	21	min
Rotor inertia	0.31	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	

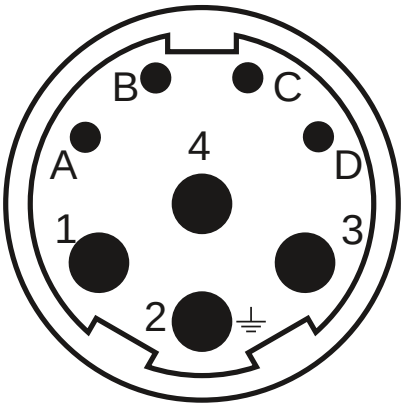
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EES37 (HDSL) single-turn, 17 bits

Torque / speed curve

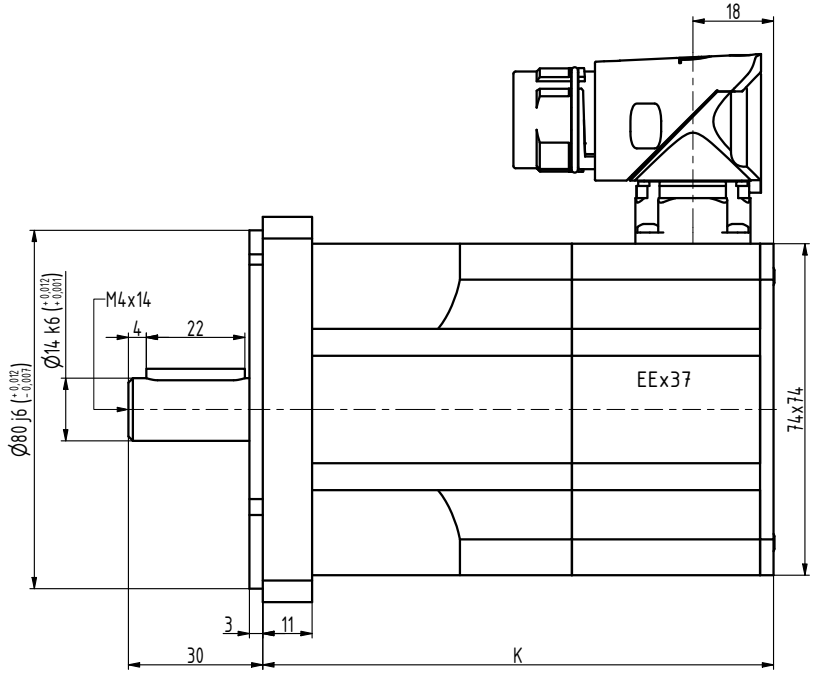


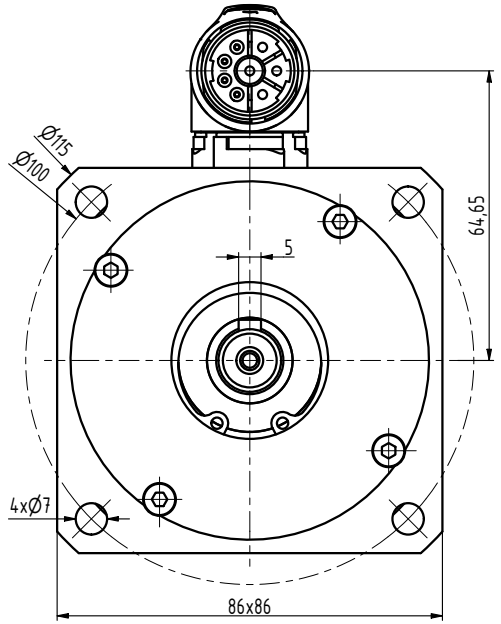
BGC110N00001216000

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+





TYP	K
N3-0115	96
N3-0205	114
N3-0280	132
N3-0350	150
N3-0420	168
N3-0480	186

INDEX	ZMĚNA	DATUM	PODPIS		
ZN.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
POM. ZAŘ.				ČSN	TŘ.Č.
VYPR. Šimík		NORM.REF.		POZN.	Č. KUSOVNÍKU
PŘEKR. Šimík 24.10.2018					
TECHNOL.		SCHVÁLIL Ošlejšek	29.03.2018	STARÝ V.	Č.V.

NÁZEV
Motor N3

N3133 03 P Z

Listů List