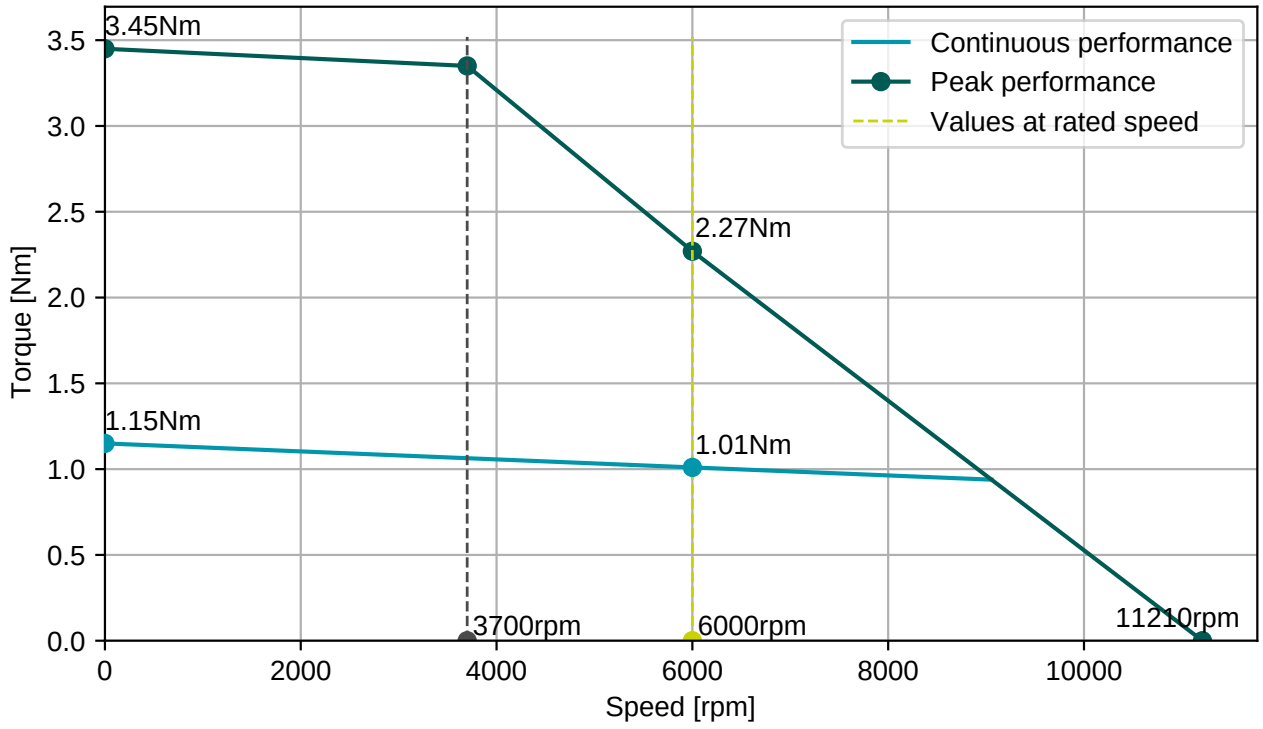
Engineering data (WIN 689)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	135	V AC (rms)
Rated power	635	W
Rated speed	6000	rpm
Rated torque	1.01	Nm
Rated current	3.99	A (rms)
Peak torque	3.45	Nm
Peak current	16.3	A (rms)
Stall torque	1.15	Nm
Stall current	3.57	A (rms)
No load speed	11210	rpm
EMF constant ±10%	19	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.32	Nm / A (rms)
Torque constant ±10% @ rated load	0.25	Nm / A (rms)
Number of poles	10	
Electrical time constant	2.24	ms
Winding terminal resistance	2.68	Ω
Rotary field terminal inductance	6	mH

Customs info	
HS Code	85015100

Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	1.46	ms
Thermal time constant	21	min
Rotor inertia	0.31	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	

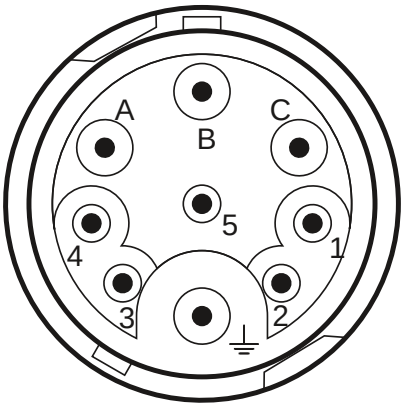
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EEM37 (HDSL) multi-turn, 17+12 bits

Torque / speed curve

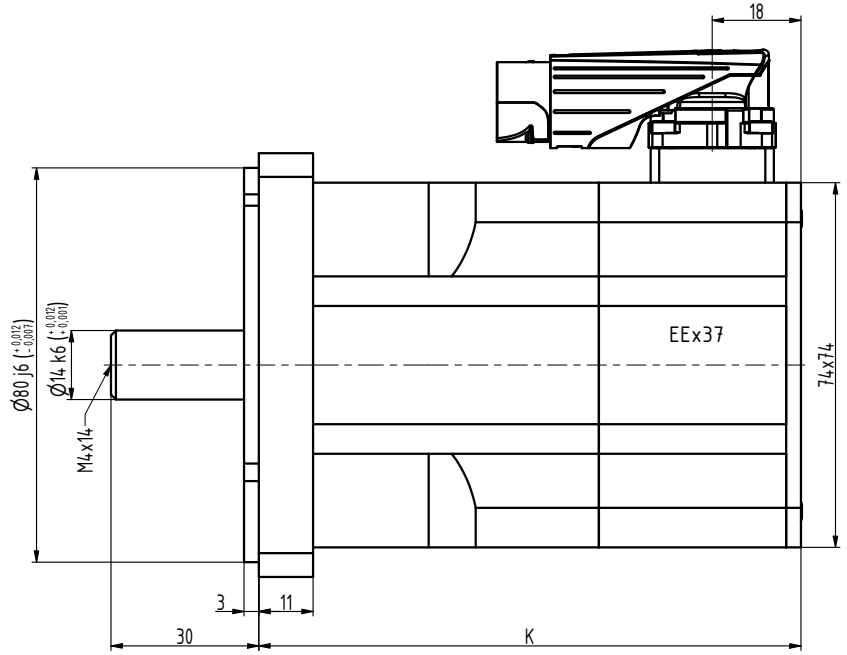


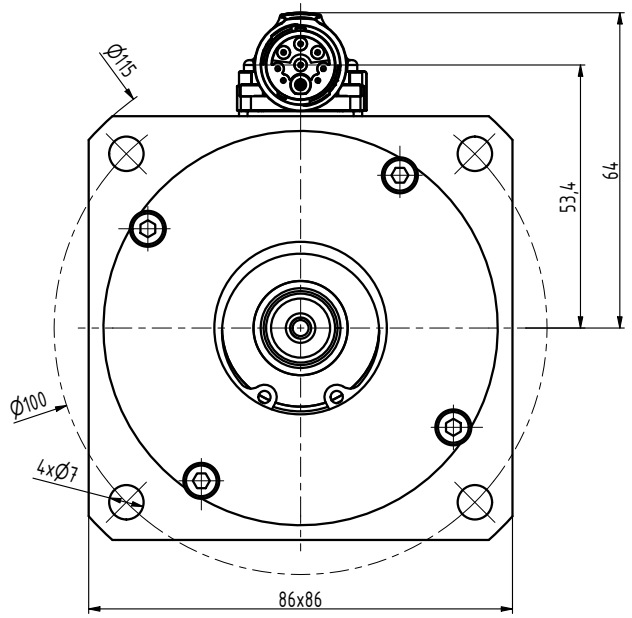
EGA201N00000800000

M15, 9 poles, rotary



Connector 1 (304)	
A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-
3	+Us/DSL+
4	GND/DSL-





TYP	K
N3-0115	92
N3-0205	110
N3-0280	128
N3-0350	146
N3-0420	164
N3-0480	182

INDEX	ZMĚNA	DATUM	PODPIS		
ZN.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
POM. ZAŘ.				ČSN	TŘ.Č.
VYPR. Ošlejšek		NORM.REF.		POZN.	Č. KUSOVNÍKU
PŘEKR.					
TECHNOL.		SCHVÁLIL Ošlejšek	04.06.2022	STARÝ V.	Č.V.
NÁZEV: Motor N3				N3133 02 Z I4	
				Listů	List