Engineering data (WIN 782)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	173	V AC (rms)
Rated power	1.3	kW
Rated speed	4500	rpm
Rated torque	2.75	Nm
Rated current	5.25	A (rms)
Peak torque	10.5	Nm
Peak current	18.9	A (rms)
Stall torque	3.5	Nm
Stall current	5.2	A (rms)
No load speed	5420	rpm
EMF constant ±10%	40.5	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.67	Nm / A (rms)
Torque constant ±10% @ rated load	0.52	Nm / A (rms)
Number of poles	10	
Electrical time constant	2.89	ms
Winding terminal resistance	1.8	Ω
Rotary field terminal inductance	5.2	mH

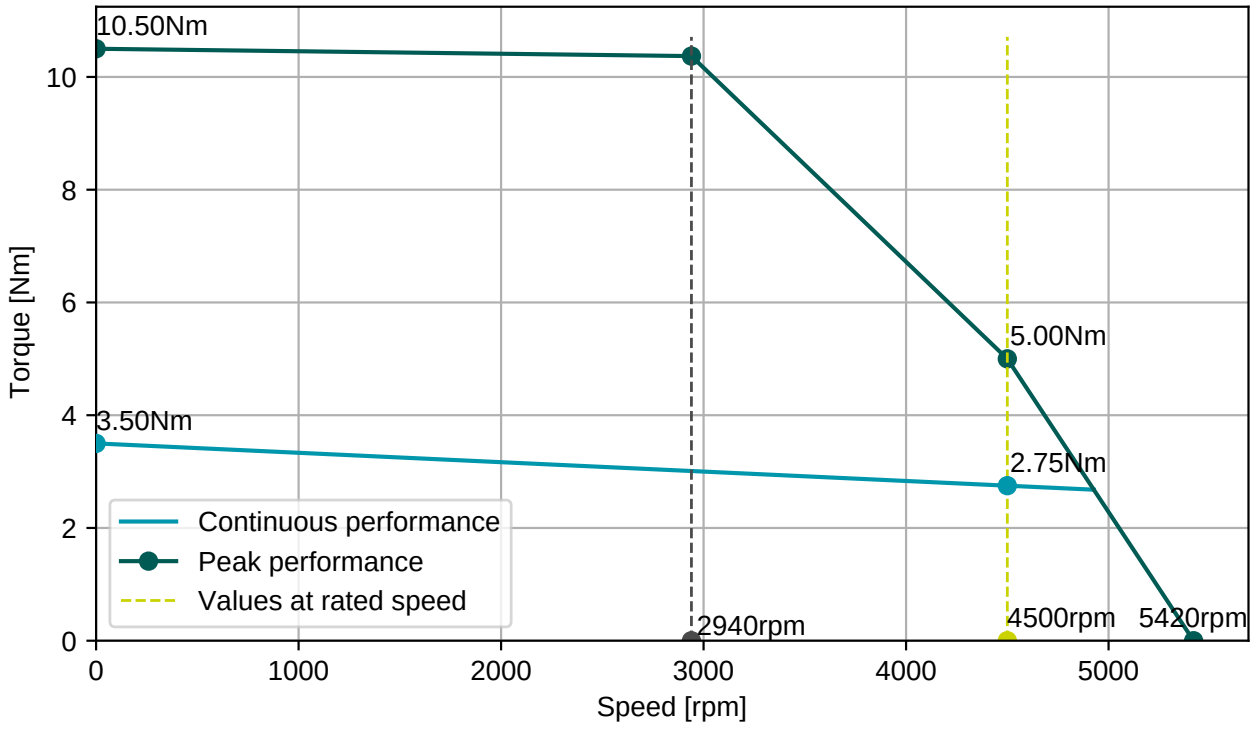
Customs info	
HS Code	85015220

Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	0.72	ms
Thermal time constant	27	min
Rotor inertia	1.04	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Max. axial force 20kh	65	N
Max. radial force 20kh*	343	N
Max. axial force 100kh	38	N
Max. radial force 100kh*	201	N

** Defined for point of action at ½ output shaft length*

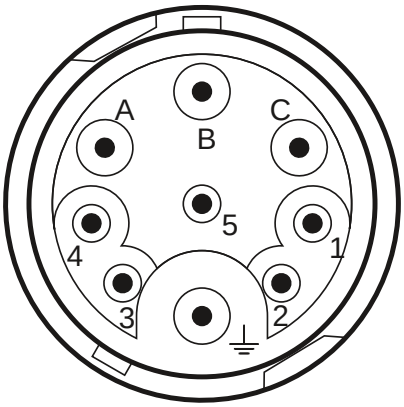
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EES37 (HDSL) single-turn, 17 bits

Torque / speed curve

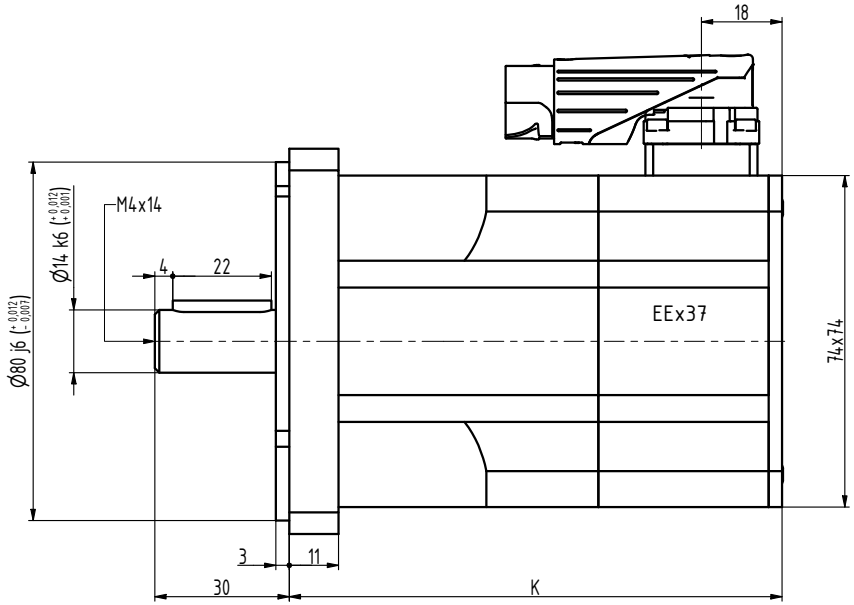


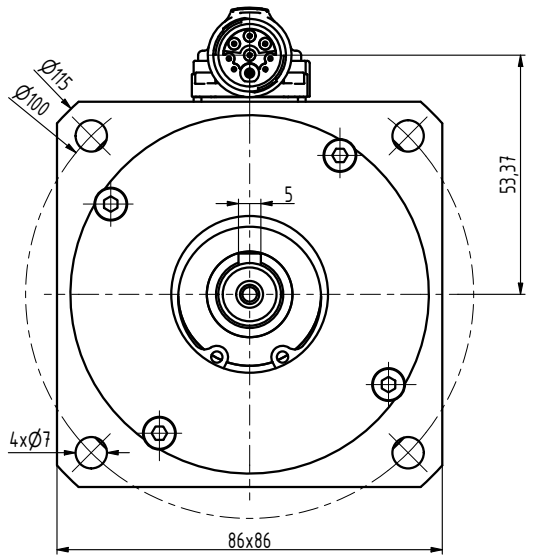
EGA201N00000800000

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. Trn		NORM.REF.		POZN.	Č. KUSOVNÍKU
PŘEKR.					
TECHNOL.		SCHVÁLIL Ošlejšek	04.11.2021	STARÝ V.	Č.V.

NÁZEV
Motor N3

N3133 02 P Z

Listů List