Engineering data (WIN 954)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	310	V AC (rms)
Rated power	1.2	kW
Rated speed	3000	rpm
Rated torque	3.70	Nm
Rated current	2.6	A (rms)
Peak torque	14.4	Nm
Peak current	10.1	A (rms)
Stall torque	4.8	Nm
Stall current	2.82	A (rms)
No load speed	3680	rpm
EMF constant ±10%	103	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.7	Nm / A (rms)
Torque constant ±10% @ rated load	1.4	Nm / A (rms)
Number of poles	10	
Electrical time constant	3.01	ms
Winding terminal resistance	7.53	Ω
Rotary field terminal inductance	22.7	mH

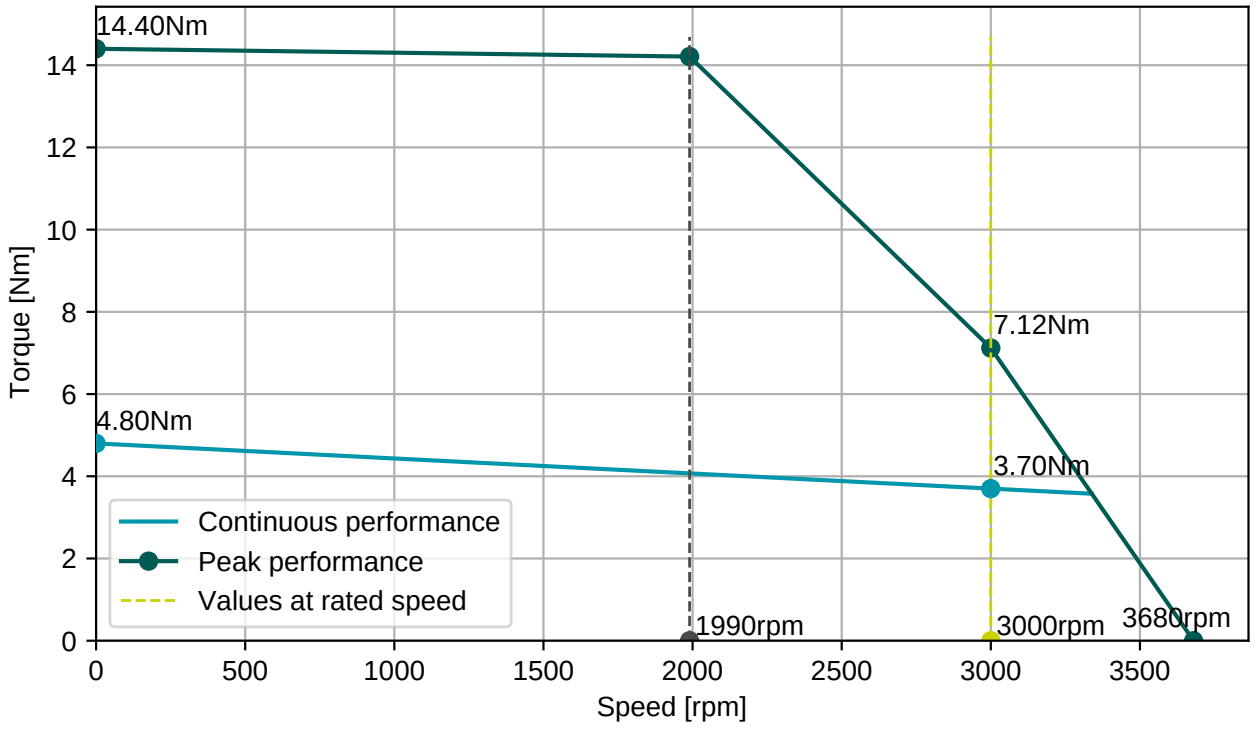
Customs info	
HS Code	85015220

Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	0.68	ms
Thermal time constant	30	min
Rotor inertia	1.52	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	3.8	kg
Max. axial force 20kh	75	N
Max. radial force 20kh*	392	N
Max. axial force 100kh	44	N
Max. radial force 100kh*	229	N

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

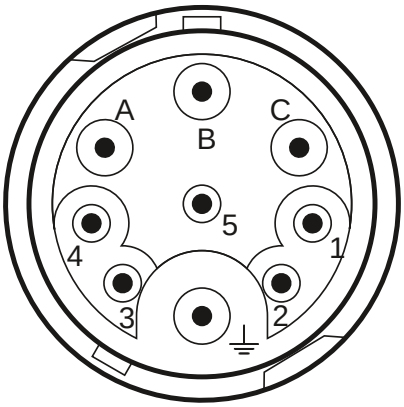
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EEM37 (HDSL) multi-turn, 17+12 bits

Torque / speed curve

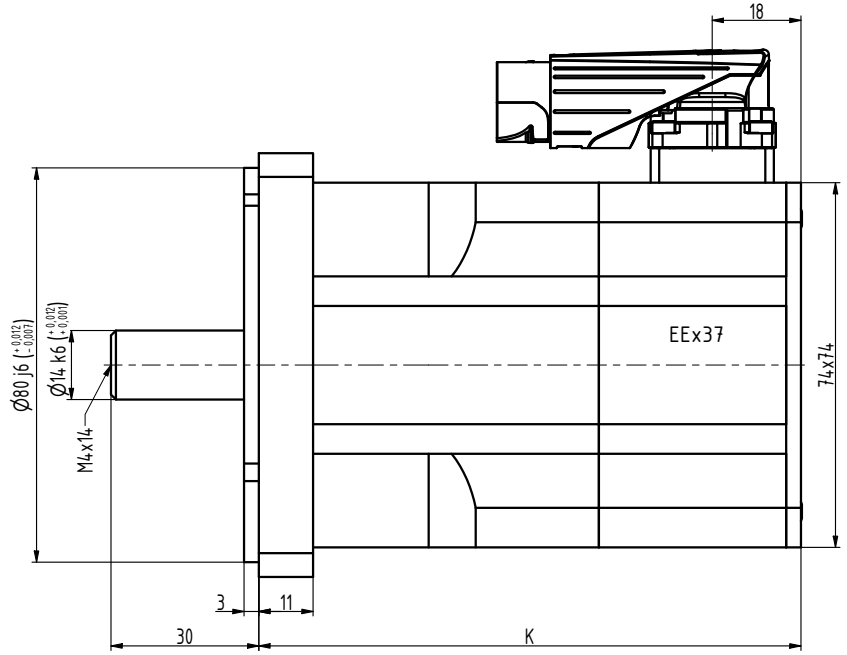


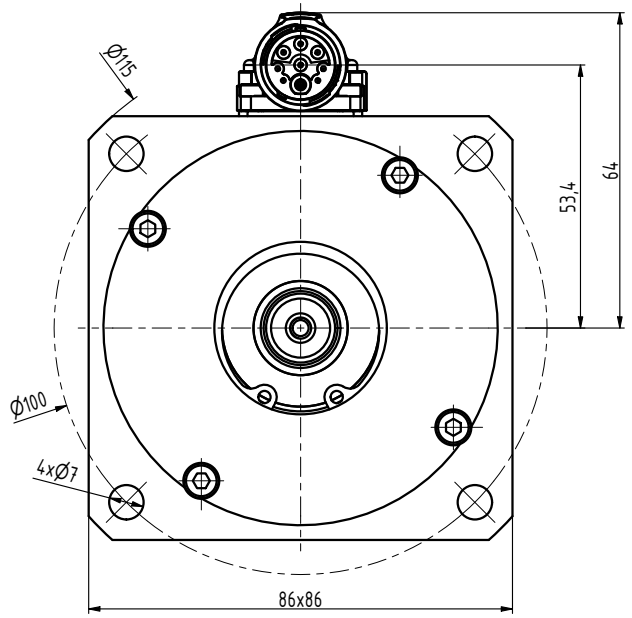
EGA201N00000800000

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