Engineering data (WIN 996)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	173	V AC (rms)
Rated power	783	W
Rated speed	4000	rpm
Rated torque	1.87	Nm
Rated current	3.53	A (rms)
Peak torque	6.15	Nm
Peak current	12.7	A (rms)
Stall torque	2.05	Nm
Stall current	3.14	A (rms)
No load speed	5550	rpm
EMF constant ±10%	39.5	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.65	Nm / A (rms)
Torque constant ±10% @ rated load	0.53	Nm / A (rms)
Number of poles	10	
Electrical time constant	2.52	ms
Winding terminal resistance	4.21	Ω
Rotary field terminal inductance	10.6	mH

Customs info	
HS Code	85015220

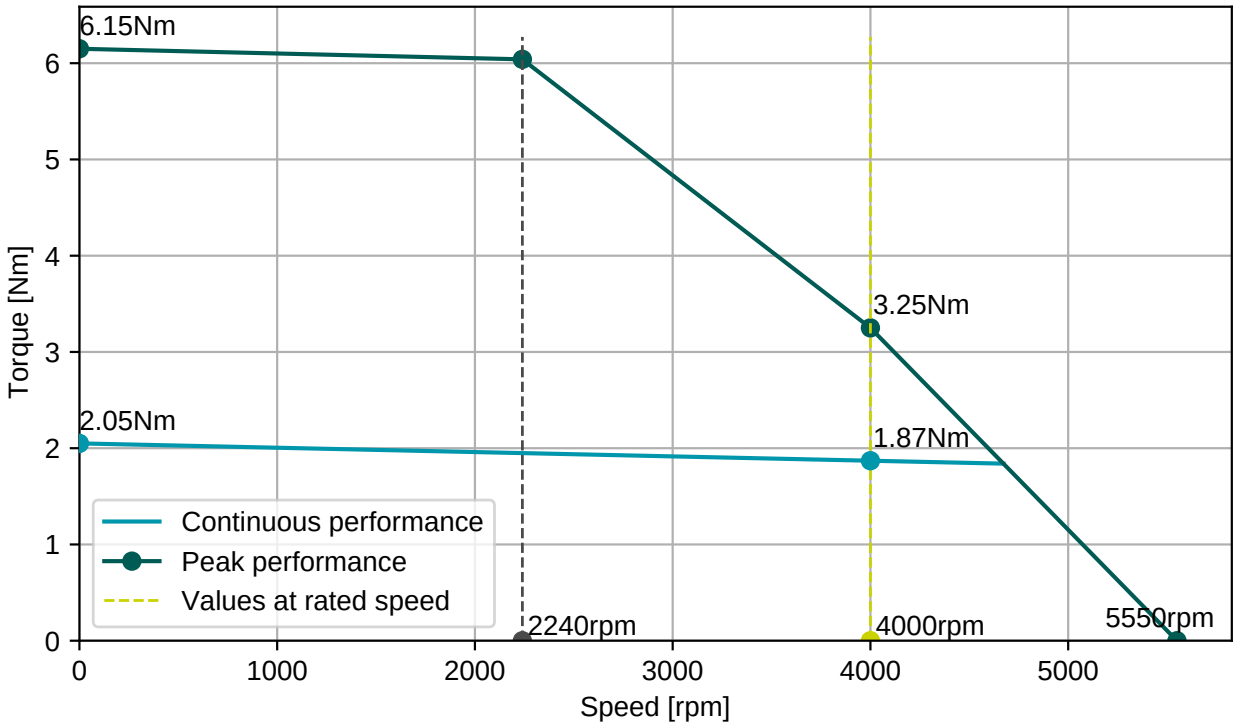
Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	0.94	ms
Thermal time constant	23	min
Rotor inertia	0.55	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Max. axial force 20kh	64	N
Max. radial force 20kh*	339	N
Max. axial force 100kh	38	N
Max. radial force 100kh*	198	N

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

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

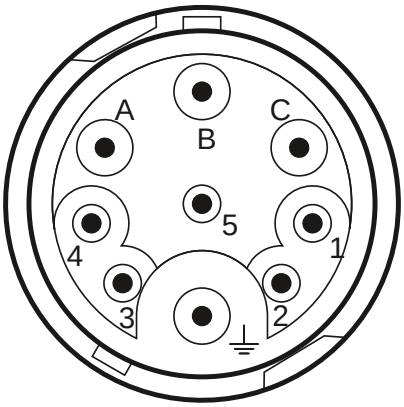
Brake		
Braking torque	4.50	Nm
Voltage	24	V DC
Power @20°C	12.0	W
Current @20°C	0.50	A
Inertia	0.20	kgcm²
Mass	0.47	kg

Torque / speed curve

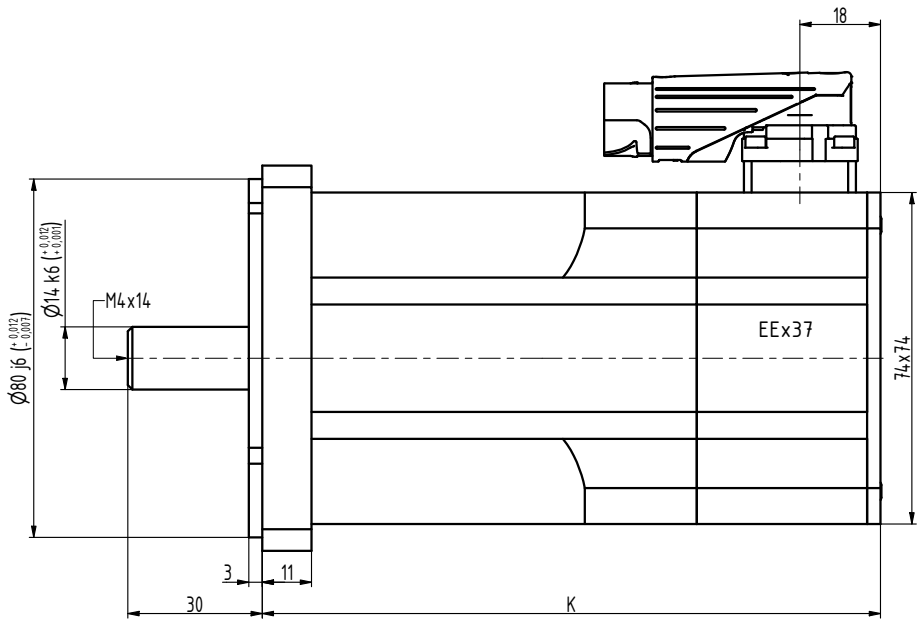


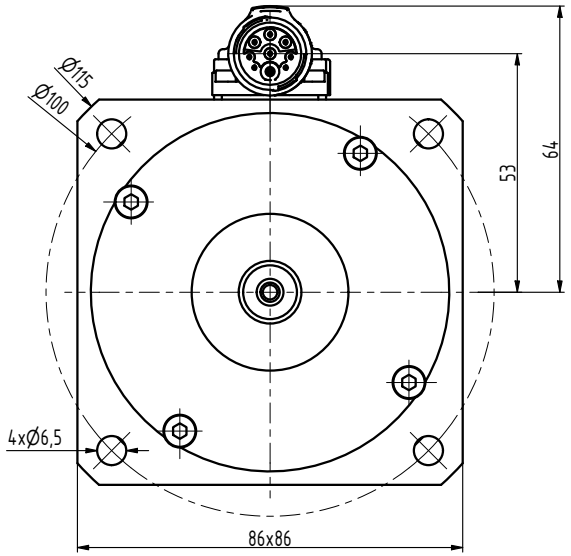
EGA201N00000800000

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	138
N3-0205	156
N3-0280	174
N3-0350	192
N3-0420	210
N3-0480	228

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. Šimík 24.10.2018					
TECHNOL.		SCHVÁLIL Ošlejšek	11.11.2016	STARÝ V.	Č.V.

NÁZEV
Motor N3

N3133 02 B Z

Listů List