Engineering data (WIN 783)		
DC bus voltage	36	V DC
Nominal AC voltage	25	V AC (rms)
Rated voltage	18	V AC (rms)
Rated power	209	W
Rated speed	1000	rpm
Rated torque	2.00	Nm
Rated current	11.02	A (rms)
Peak torque	6.15	Nm
Peak current	41.9	A (rms)
Stall torque	2.05	Nm
Stall current	10.3	A (rms)
No load speed	2060	rpm
EMF constant ±10%	12	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.2	Nm / A (rms)
Torque constant ±10% @ rated load	0.2	Nm / A (rms)
Number of poles	10	
Electrical time constant	2.44	ms
Winding terminal resistance	0.41	Ω
Rotary field terminal inductance	1	mH

Customs info	
HS Code	85015100

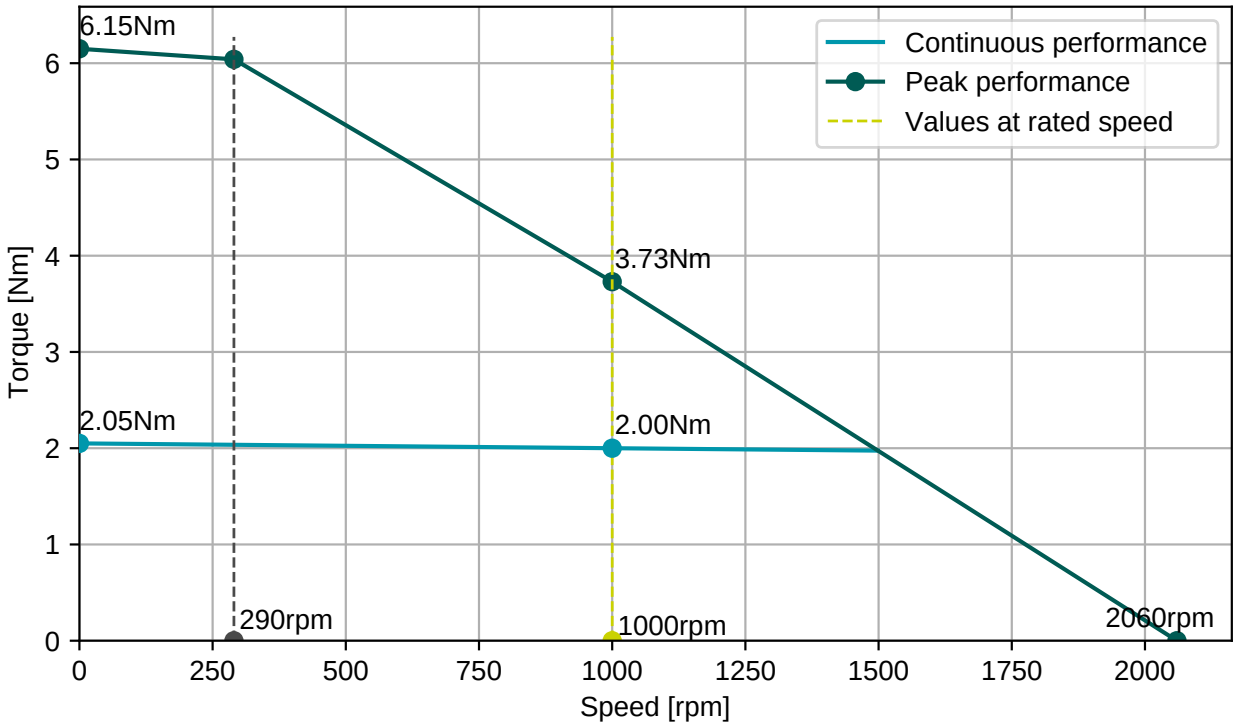
Mechanical data (setting 5)		
Max mechanical speed	12000	rpm
Mech. time constant	0.99	ms
Thermal time constant	23	min
Rotor inertia	0.55	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	2.5	kg
Max. axial force 20kh	92	N
Max. radial force 20kh*	484	N
Max. axial force 100kh	54	N
Max. radial force 100kh*	283	N

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

Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

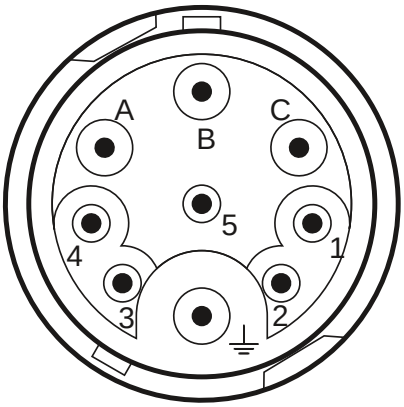
Brake		
Braking torque	4.50	Nm
Voltage	24	V DC
Power @20°C	12.0	W
Current @20°C	0.50	A
Inertia	0.20	kgcm²
Mass	0.47	kg

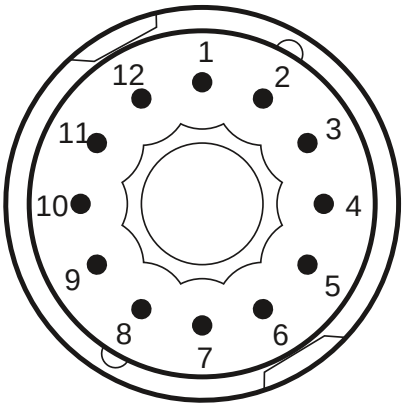
Torque / speed curve



EGA101N00000001000

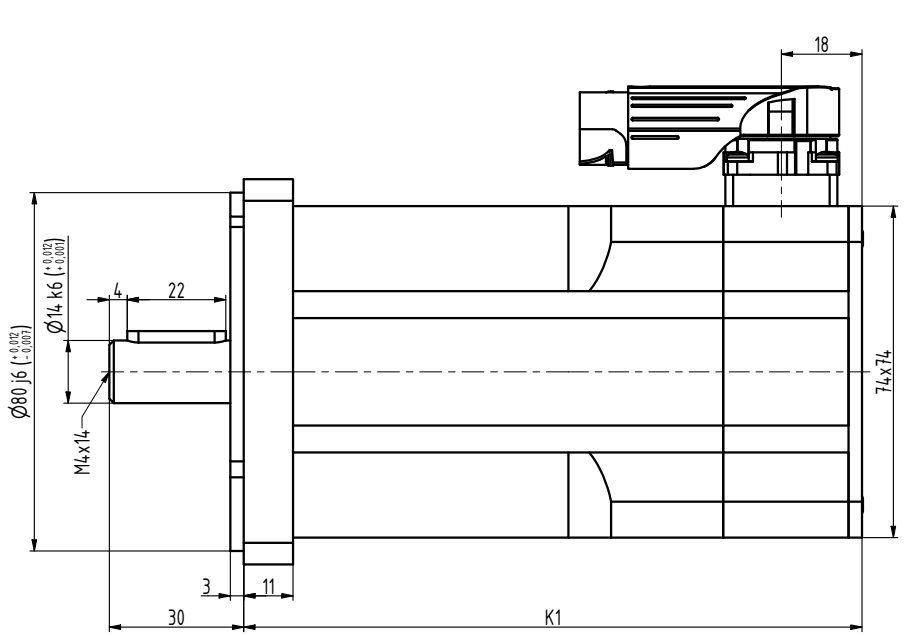
2x M15, 9 and 12 poles rotary

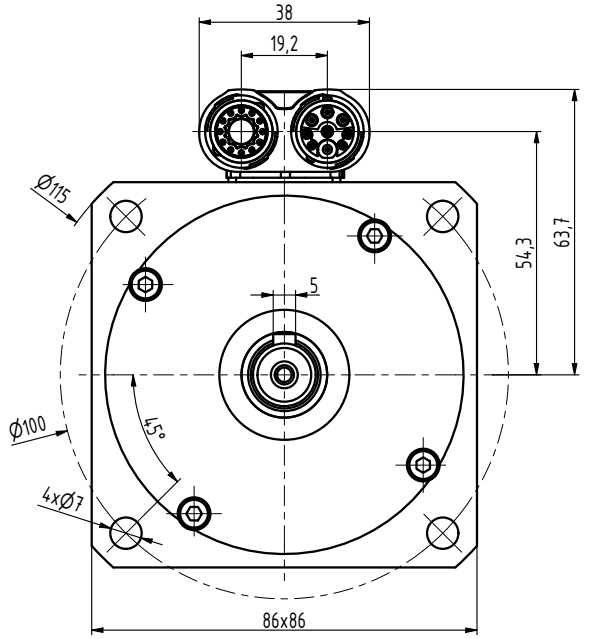




Connector 1 (226)	
A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-

Connector 2 (227)	
2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1





TYP	K1
N3-0115	120
N3-0205	138
N3-0280	156
N3-0350	174
N3-0420	192
N3-0480	210

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. Ošlejšek 30.05.2021					
TECHNOL.		SCHVÁLIL Ošlejšek	15.12.2014	STARÝ V.	Č.V.

NÁZEV
Motor N3

N3111 05 BP Z_Y_S1

Listů List