Engineering data (WIN 815)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	166	V AC (rms)
Rated power	226	W
Rated speed	4500	rpm
Rated torque	0.48	Nm
Rated current	1.12	A (rms)
Peak torque	2.16	Nm
Peak current	5.4	A (rms)
Stall torque	0.54	Nm
Stall current	1.17	A (rms)
No load speed	7740	rpm
EMF constant ±10%	28	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.46	Nm / A (rms)
Torque constant ±10% @ rated load	0.43	Nm / A (rms)
Number of poles	6	
Electrical time constant	1.27	ms
Winding terminal resistance	25.37	Ω
Rotary field terminal inductance	32.3	mH

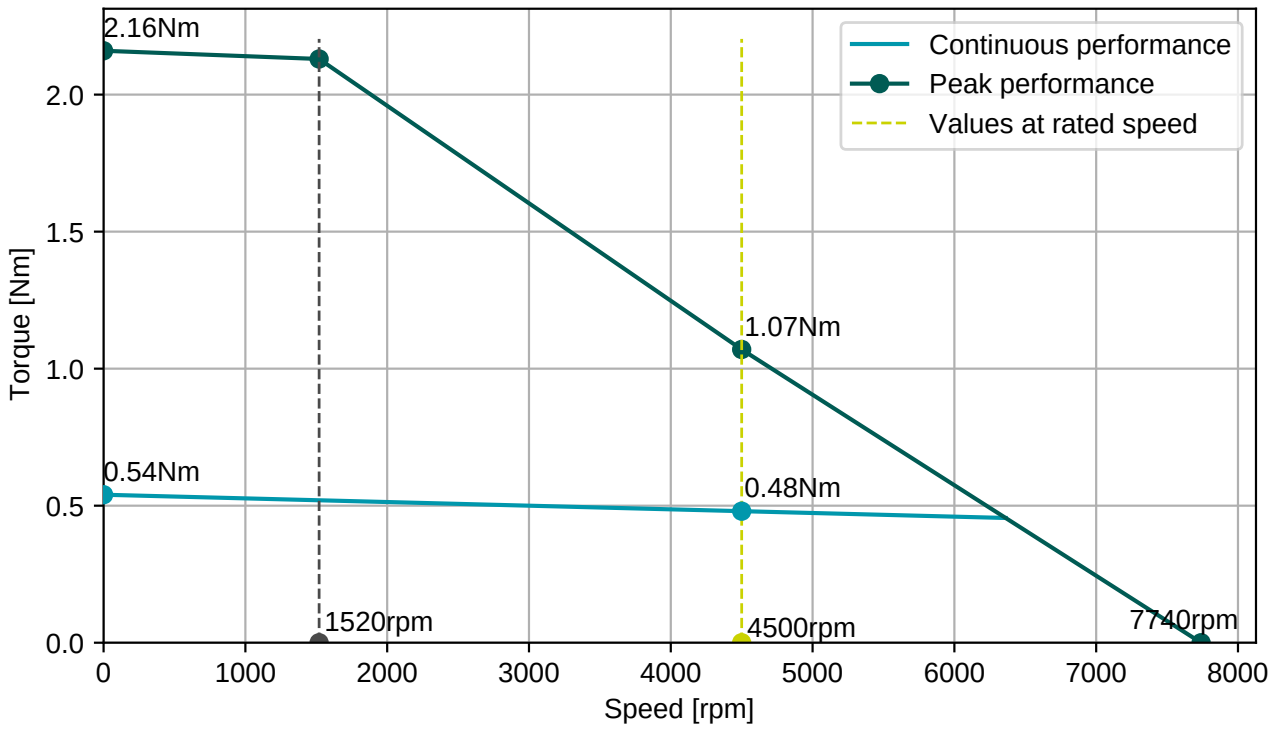
Customs info	
HS Code	85015100

Mechanical data (setting 5)		
Max mechanical speed	12000	rpm
Mech. time constant	1.43	ms
Thermal time constant	12	min
Rotor inertia	0.07	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	0.9	kg
Max. axial force 20kh	39	N
Max. radial force 20kh*	205	N
Max. axial force 100kh	23	N
Max. radial force 100kh*	120	N

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

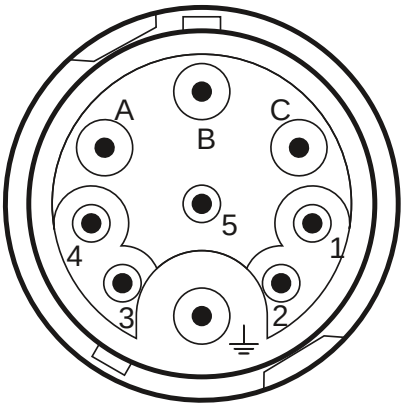
Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

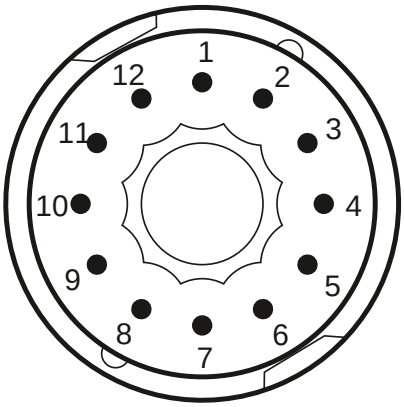
Torque / speed curve



EGA101N00000001000

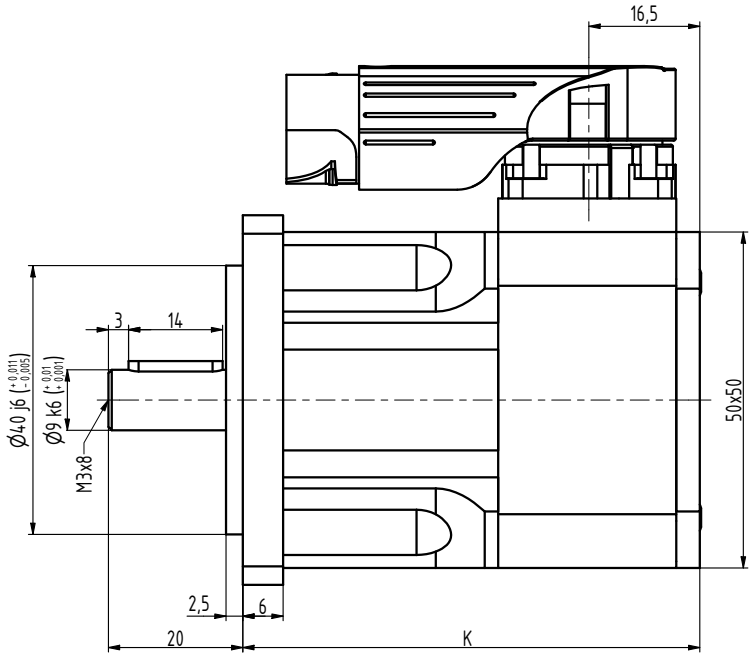
2x M15, 9 and 12 poles rotary

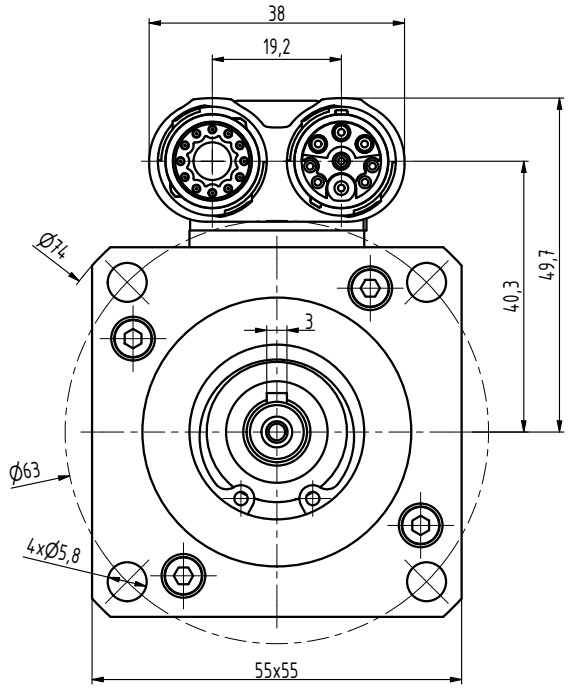




Connector 1 (226)	
A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-

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





TYP	K
N2-0028	68
N2-0054	83
N2-0075	98
N2-0095	113
N2-0112	128

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. Ošlejšek 22.05.21					
TECHNOL.		SCHVÁLIL Ošlejšek	19.11.2012	STARÝ V.	Č.V.
NÁZEV					
Motor N2				N2057 01 P Z_Y_S1	
				Listů	List