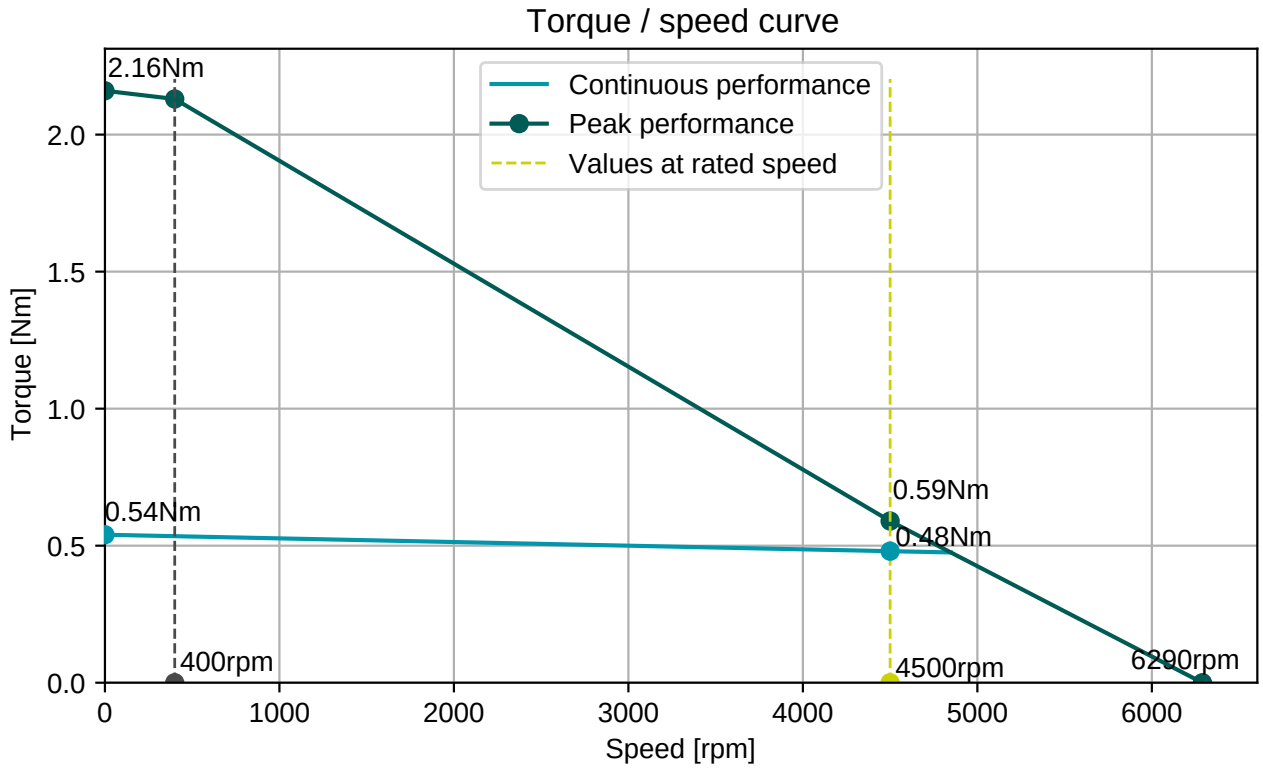
Engineering data (WIN 1235)		
DC bus voltage	36	V DC
Nominal AC voltage	25	V AC (rms)
Rated voltage	24	V AC (rms)
Rated power	226	W
Rated speed	4500	rpm
Rated torque	0.48	Nm
Rated current	8.02	A (rms)
Peak torque	2.16	Nm
Peak current	38.4	A (rms)
Stall torque	0.54	Nm
Stall current	8.3	A (rms)
No load speed	6290	rpm
EMF constant ±10%	3.9	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.065	Nm / A (rms)
Torque constant ±10% @ rated load	0.060	Nm / A (rms)
Number of poles	6	
Electrical time constant	1.21	ms
Winding terminal resistance	0.52	Ω
Rotary field terminal inductance	0.63	mH

Customs info	
HS Code	85015100

Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	1.51	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*

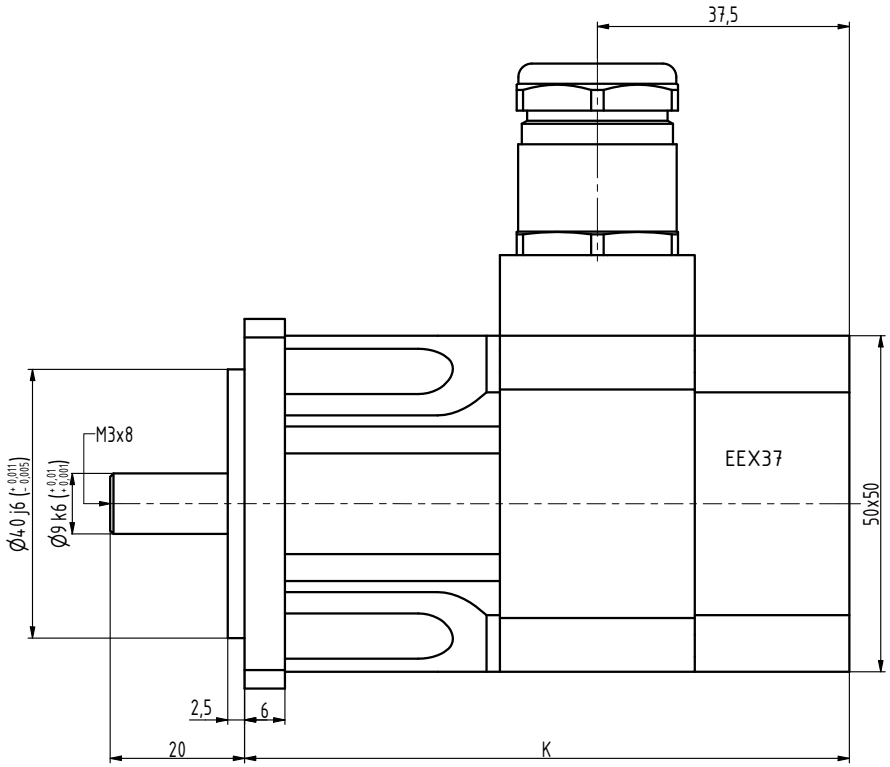
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EES37 (HDSL) single-turn, 17 bits

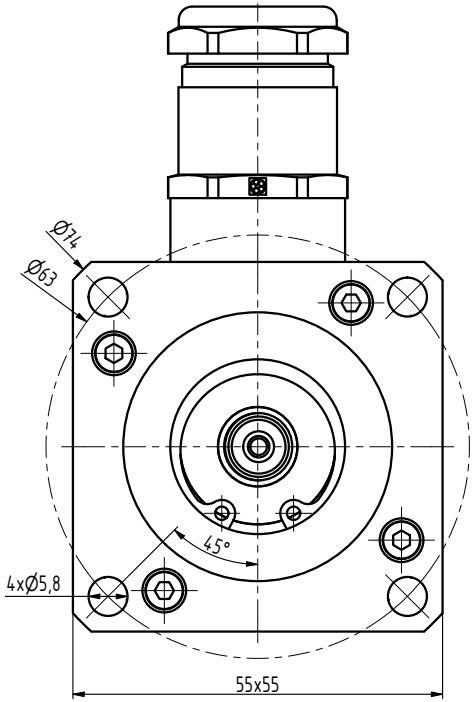


Cable DSL4x1 (2x0,25) , D=10,3±0,4mm

Connector 1 (306)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-
brown	+Us/DSL+
white	GND/DSL-

Numbers printed on the cables





TYP	K
N2-0028	90
N2-0054	105
N2-0075	120
N2-0095	135
N2-0112	150

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.				
TECHNOL.	SCHVÁLIL Ošlejšek	24.01.2020	STARÝ V.	Č.V.

NÁZEV

Motor N2

N2068 06 Z

Listů List