Engineering data (WIN 702)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	136	V AC (rms)
Rated power	355	W
Rated speed	3000	rpm
Rated torque	1.13	Nm
Rated current	2.31	A (rms)
Peak torque	3.45	Nm
Peak current	9.2	A (rms)
Stall torque	1.15	Nm
Stall current	2.02	A (rms)
No load speed	6320	rpm
EMF constant ±10%	34.5	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.57	Nm / A (rms)
Torque constant ±10% @ rated load	0.49	Nm / A (rms)
Number of poles	10	
Electrical time constant	2.15	ms
Winding terminal resistance	8.39	Ω
Rotary field terminal inductance	18	mH

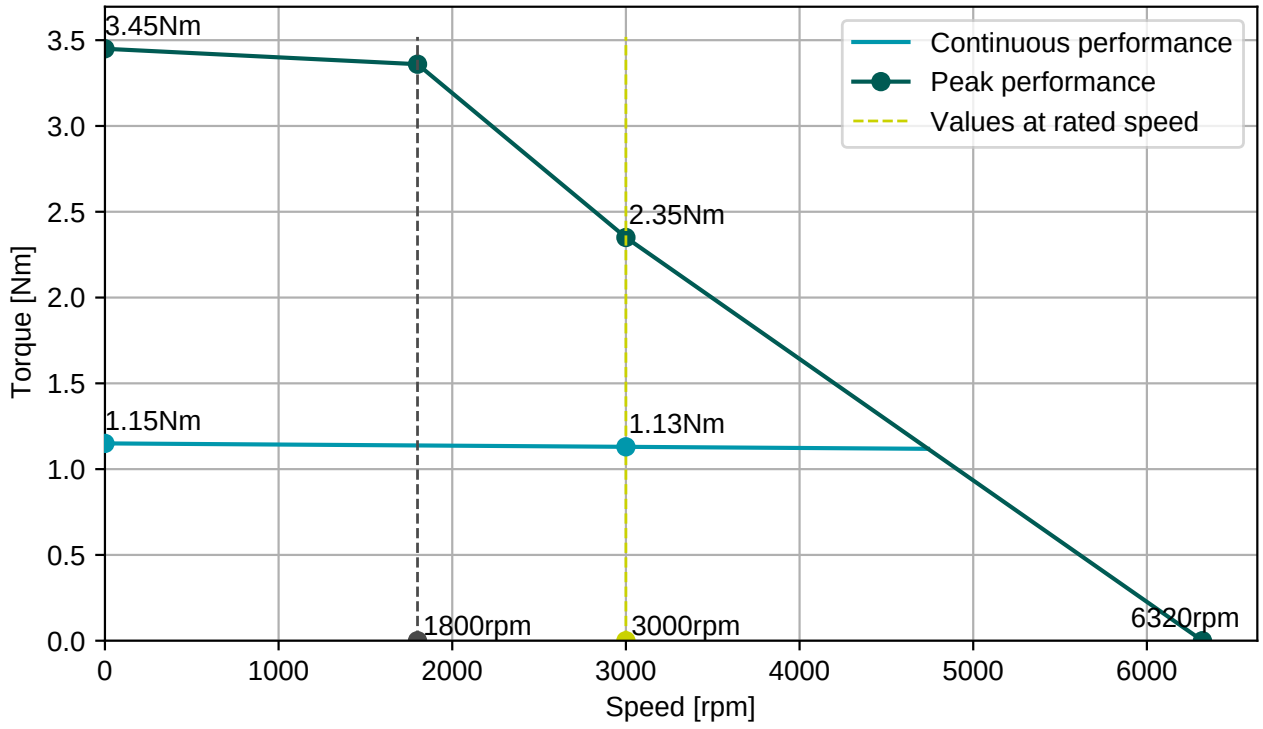
Customs info	
HS Code	85015100

Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	1.38	ms
Thermal time constant	21	min
Rotor inertia	0.31	kgcm²
Protection	IP65	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	2	kg
Max. axial force 20kh	54	N
Max. radial force 20kh*	283	N
Max. axial force 100kh	31	N
Max. radial force 100kh*	166	N

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

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

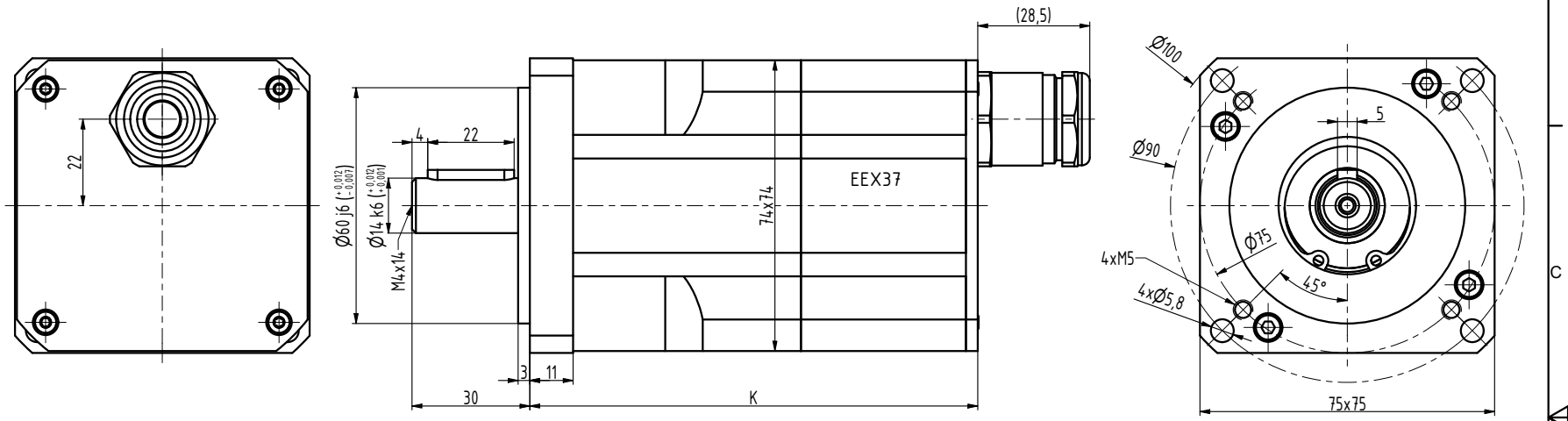
Torque / speed curve

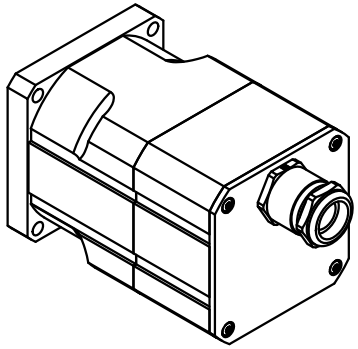


Cable DSL4x1 (2x0,25) , D=10,3±0,4mm

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
N3-0115	96
N3-0205	114
N3-0280	132
N3-0350	150
N3-0420	168
N3-0480	186

IND	CHANGE	DATE	NAME

MATERIAL

PROJECTION

NON-TOLERANCED DIMENSIONS ISO 2768-mK

	NAME	DATE
DRAW	Ošlejšek	10.04.2026
APPROVED	Ošlejšek	10.04.2026
REDRAWN		

Motor N3

N3133 10 P Z

REVISION

SHEET 1/1