Engineering data (WIN 1417)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	148	V AC (rms)
Rated power	346	W
Rated speed	3000	rpm
Rated torque	1.10	Nm
Rated current	1.73	A (rms)
Peak torque	4.94	Nm
Peak current	8.3	A (rms)
Stall torque	1.3	Nm
Stall current	1.77	A (rms)
No load speed	4910	rpm
EMF constant ±10%	44.5	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.736	Nm / A (rms)
Torque constant ±10% @ rated load	0.636	Nm / A (rms)
Number of poles	10	
Electrical time constant	1.44	ms
Winding terminal resistance	9.598	Ω
Rotary field terminal inductance	13.8	mH

Customs info	
HS Code	85015100

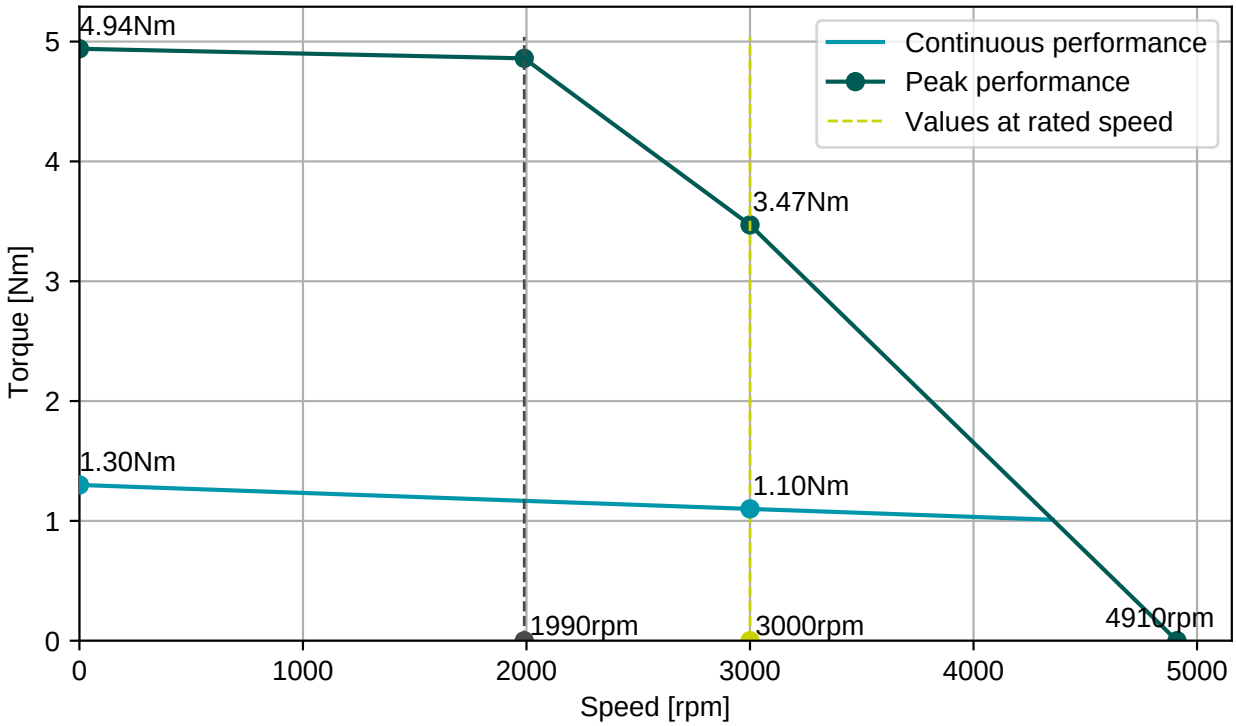
Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	1.53	ms
Thermal time constant	24	min
Rotor inertia	0.5	kgcm²
Protection	IP65	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	1.6	kg
Max. axial force 20kh	62	N
Max. radial force 20kh*	327	N
Max. axial force 100kh	36	N
Max. radial force 100kh*	191	N

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

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

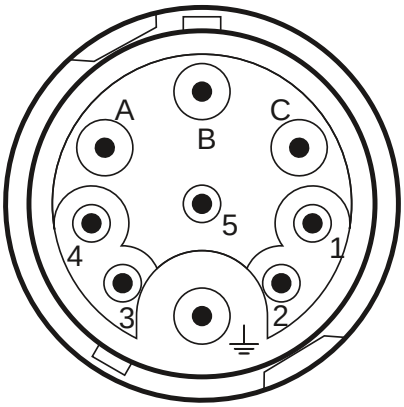
Note
X: stainless steel bearing 6202

Torque / speed curve

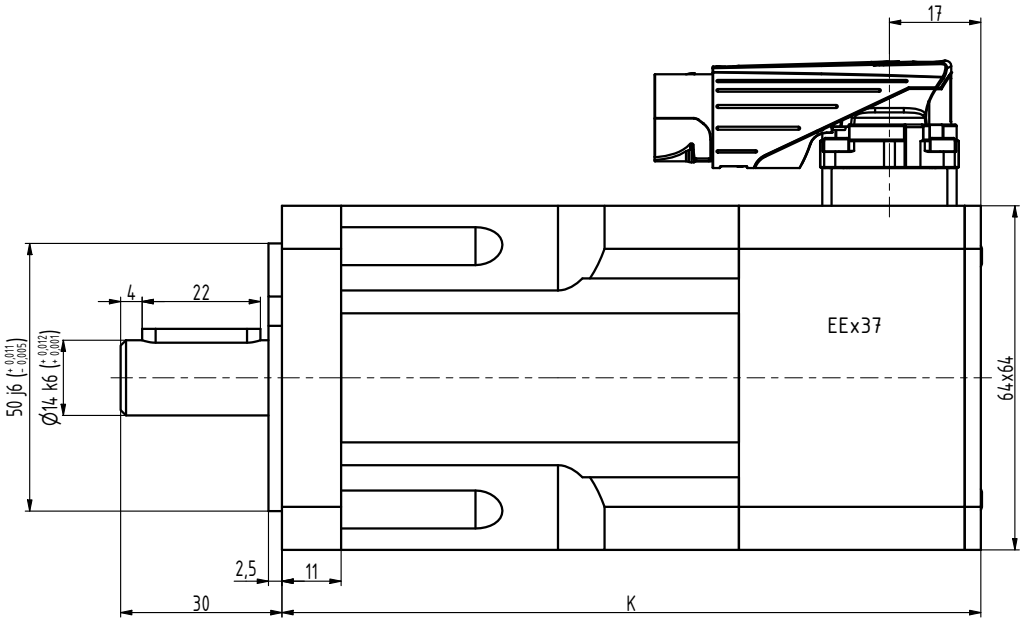


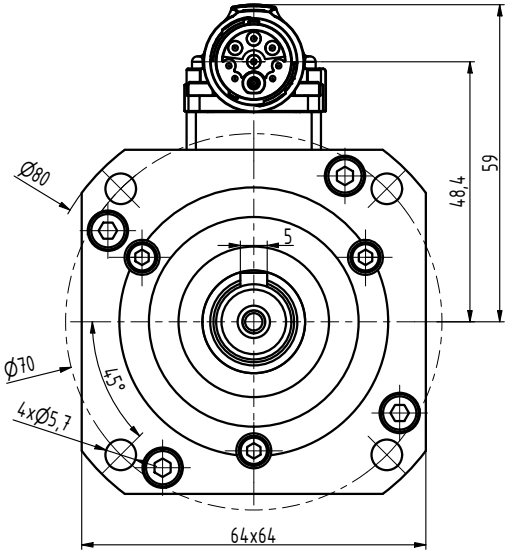
EGA201N00000800000

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
MA-0075	112
MA-0130	130
MA-0175	148
MA-0220	166
MA-0300	202

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.				
TECHNOL.	SCHVÁLIL Ošlejšek	05.12.2024	STARÝ V.	Č.V.

NÁZEV
Motor MA

MA007 03 P Z_I_S1

Listů List