Engineering data (WIN 1600)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	280	V AC (rms)
Rated power	580	W
Rated speed	4500	rpm
Rated torque	1.23	Nm
Rated current	1.43	A (rms)
Peak torque	8.36	Nm
Peak current	9.2	A (rms)
Stall torque	2.2	Nm
Stall current	2.11	A (rms)
No load speed	6010	rpm
EMF constant ±10%	63	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.042	Nm / A (rms)
Torque constant ±10% @ rated load	0.860	Nm / A (rms)
Number of poles	10	
Electrical time constant	1.58	ms
Winding terminal resistance	8.941	Ω
Rotary field terminal inductance	14.1	mH

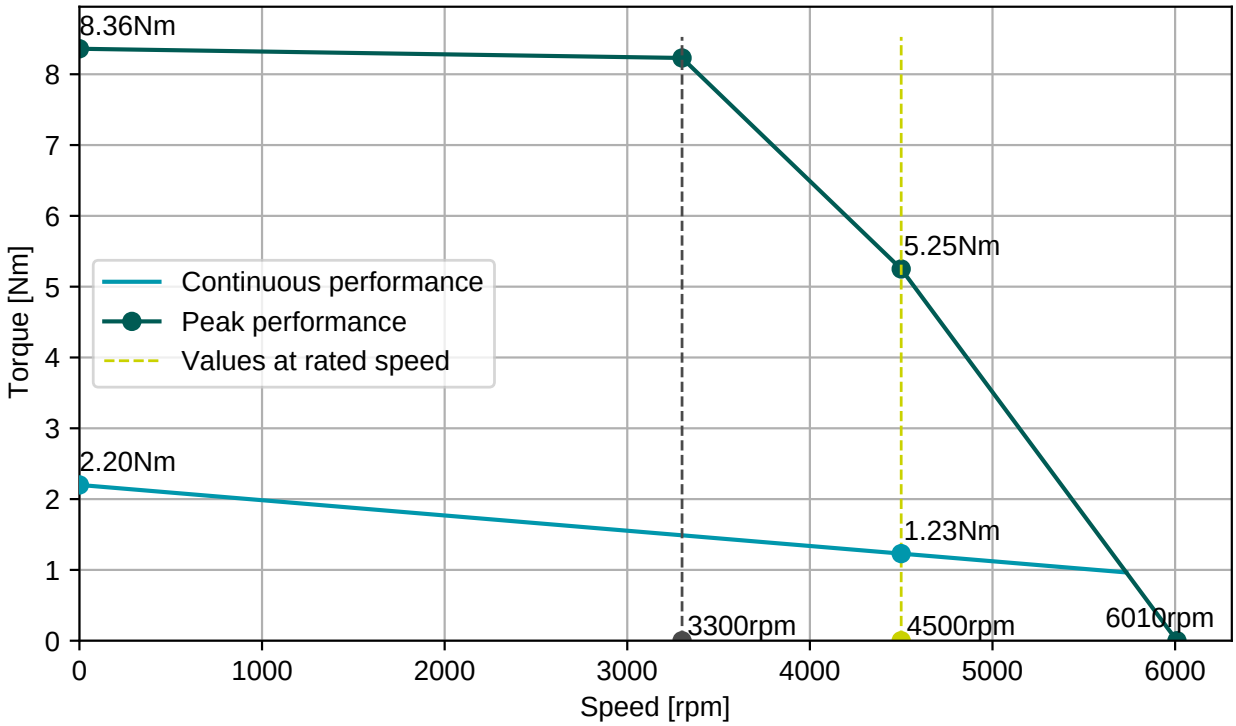
Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	1.21	ms
Thermal time constant	32	min
Rotor inertia	0.85	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	2.2	kg
Max. axial force 20kh	54	N
Max. radial force 20kh	286	N*
Max. axial force 100kh	32	N
Max. radial force 100kh	167	N*

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

Sensors	
Temperature	PT1000 {PT1000}
Feedback	EDS35 (HDSL) single-turn, 24 bits

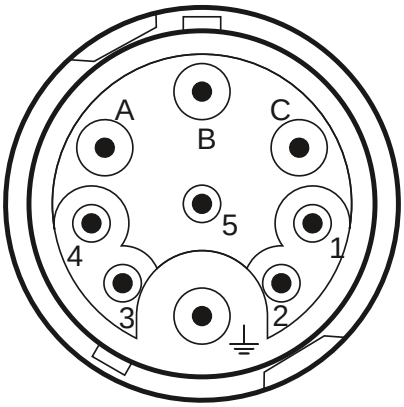
Customs info	
HS Code	85015100

Torque / speed curve

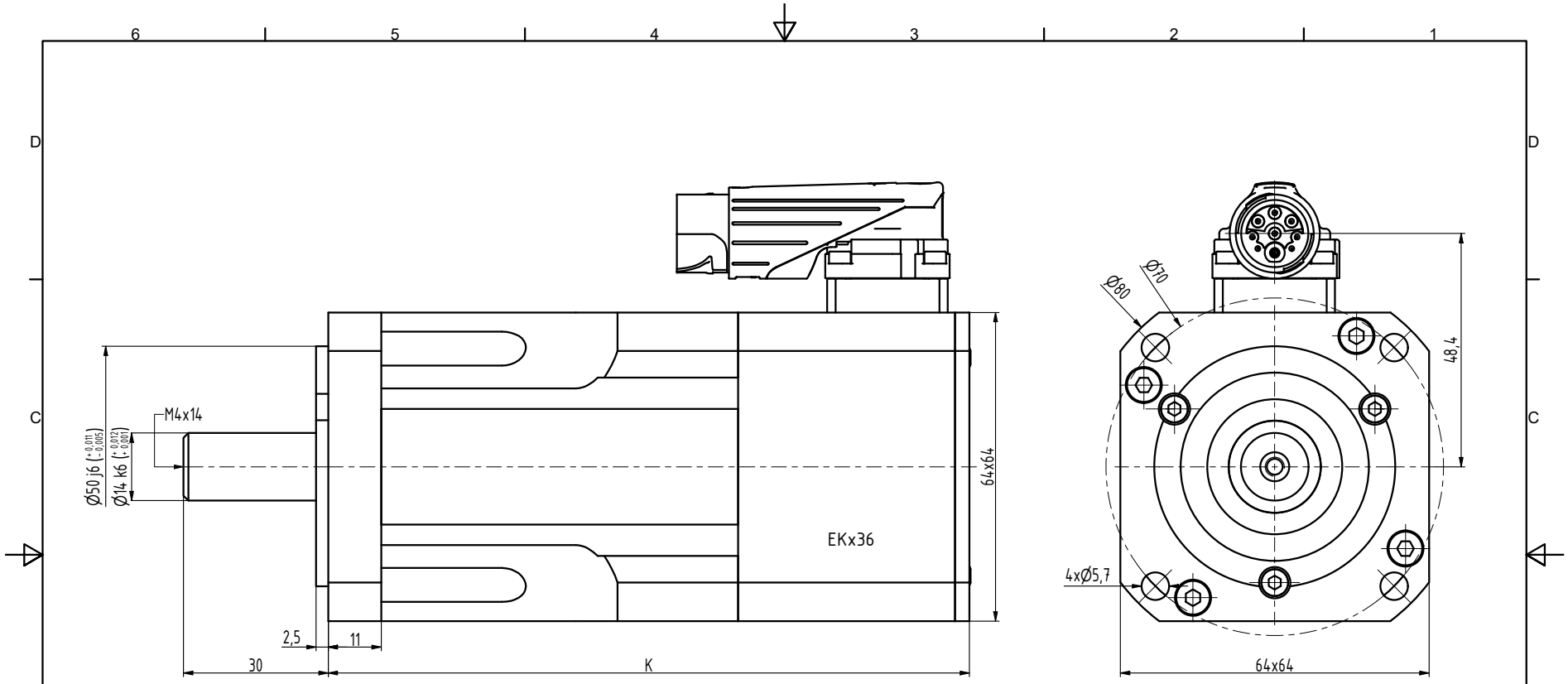


EGA201N00000800000

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	115
MA-0130	133
MA-0175	151
MA-0220	169
MA-0300	205

INDEX	ZMĚNA	DATUM	PODPIS

ZN.MAT.		T.O.	HMOTNOST kg
ROZM.-POLOT.			
POM. ZAŘ.			ČSN
VYPR. Šimík	NORM.REF.		POZN.
PŘEKR.			
TECHNOL.	SCHVÁLIL Weis	05.08.2019	STARÝ V.

MĚŘ.
TŘ.Č.
Č. KUSOVNÍKU
Č.V.

NÁZEV
Motor MA

MA001 02 Z

Listů List