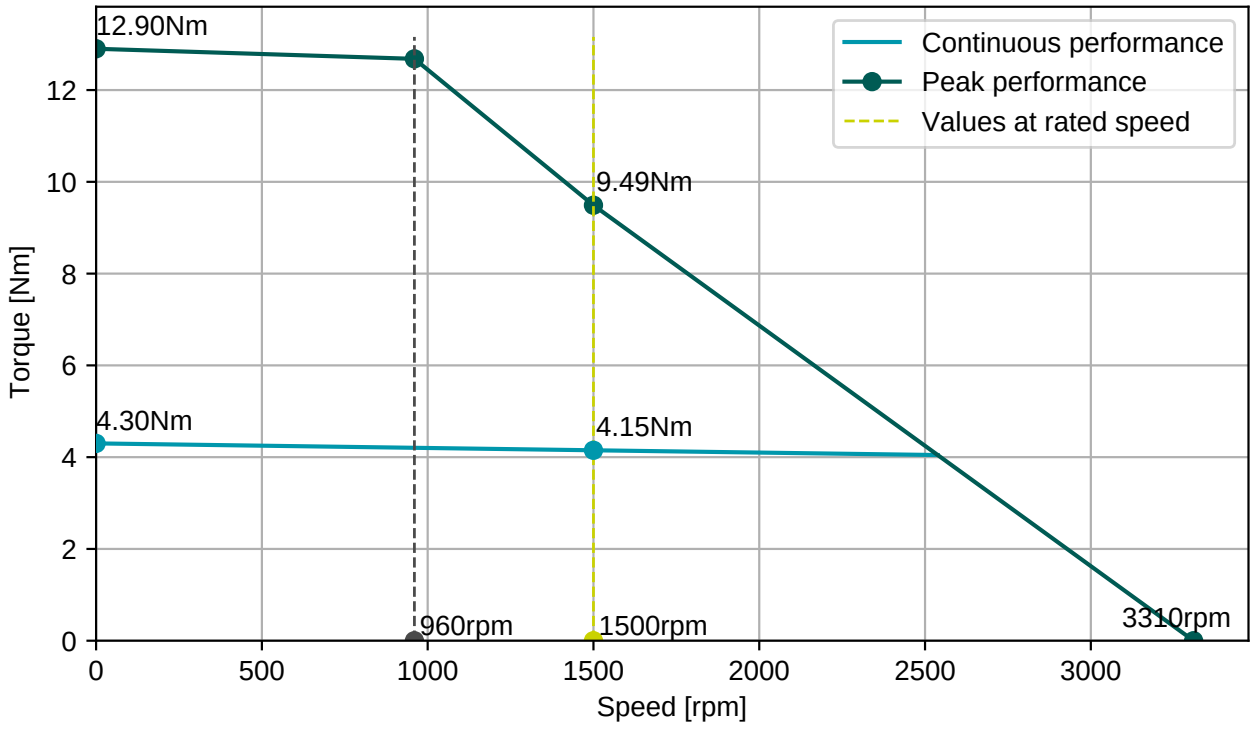
Engineering data (WIN 517)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	193	V AC (rms)
Rated power	652	W
Rated speed	1500	rpm
Rated torque	4.15	Nm
Rated current	2.67	A (rms)
Peak torque	12.9	Nm
Peak current	13.1	A (rms)
Stall torque	4.3	Nm
Stall current	2.63	A (rms)
No load speed	3310	rpm
EMF constant ±10%	99	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.64	Nm / A (rms)
Torque constant ±10% @ rated load	1.55	Nm / A (rms)
Number of poles	6	
Electrical time constant	5.97	ms
Winding terminal resistance	9.8	Ω
Rotary field terminal inductance	58.5	mH

Customs info	
HS Code	85015100

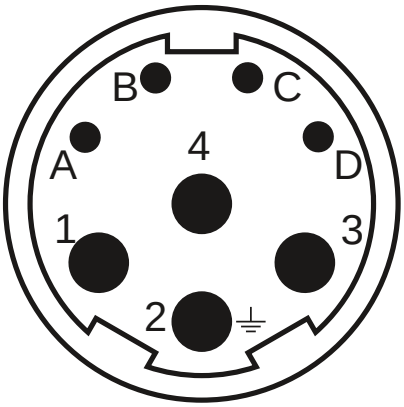
Mechanical data (setting 16)		
Max mechanical speed	9000	rpm
Mech. time constant	1.84	ms
Thermal time constant	34	min
Rotor inertia	2.9	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	8.2	kg

Sensors	
Temperature	UP72T150-140C {UP72T150-140C Uchiya}
Feedback	ECN1313 (EnDat 2.1) 2048 imp.rev. + 1 Vpp

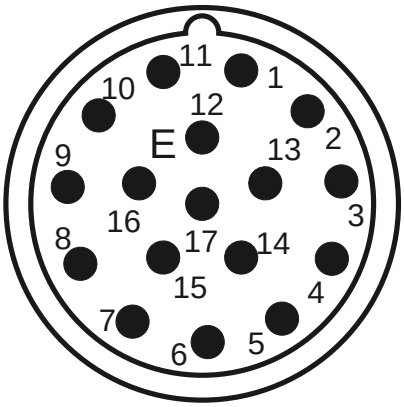
Torque / speed curve



BEA120N00000200000
M23, 8 poles, straight

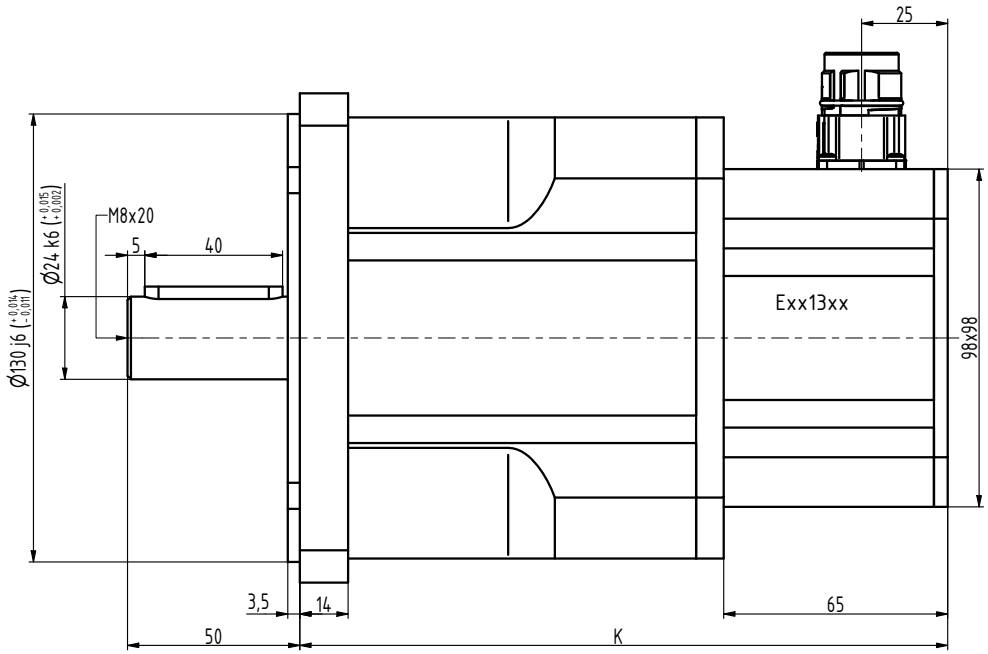


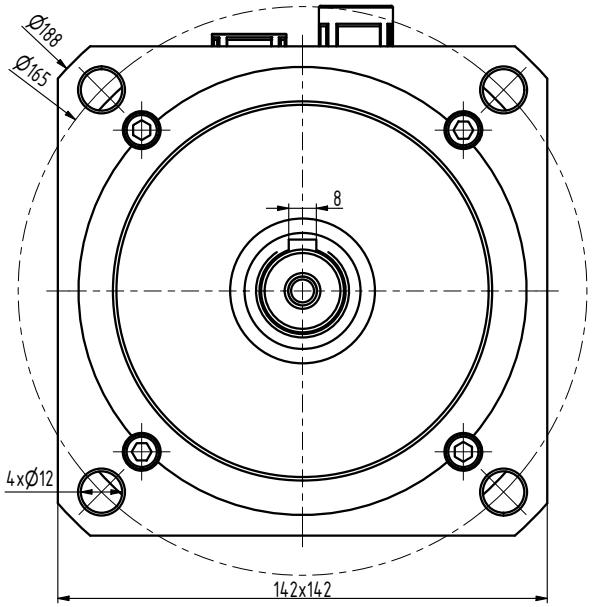
AEA113N00000201000
M23, 17 poles, straight



Connector 1 (11)	
1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	Therm+
D	Therm-

Connector 2 (20)	
11,3	A+,A-
9,1	B+,B-
4,2	5V Up,0V Un
5,13	DATA+,DATA-
14,7	Temp.
8,15	CLOCK+,CLOCK-
12,10	5V Senzor,0V Senzor





TYP	K
T5-0430	188
T5-0660	205
T5-1050	239
T5-1350	256
T5-1700	290
T5-2200	324

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	26.01.2017	STARÝ V.	Č.V.
NÁZEV					
Motor T5				T5042 00 P Z	
				Listů	List