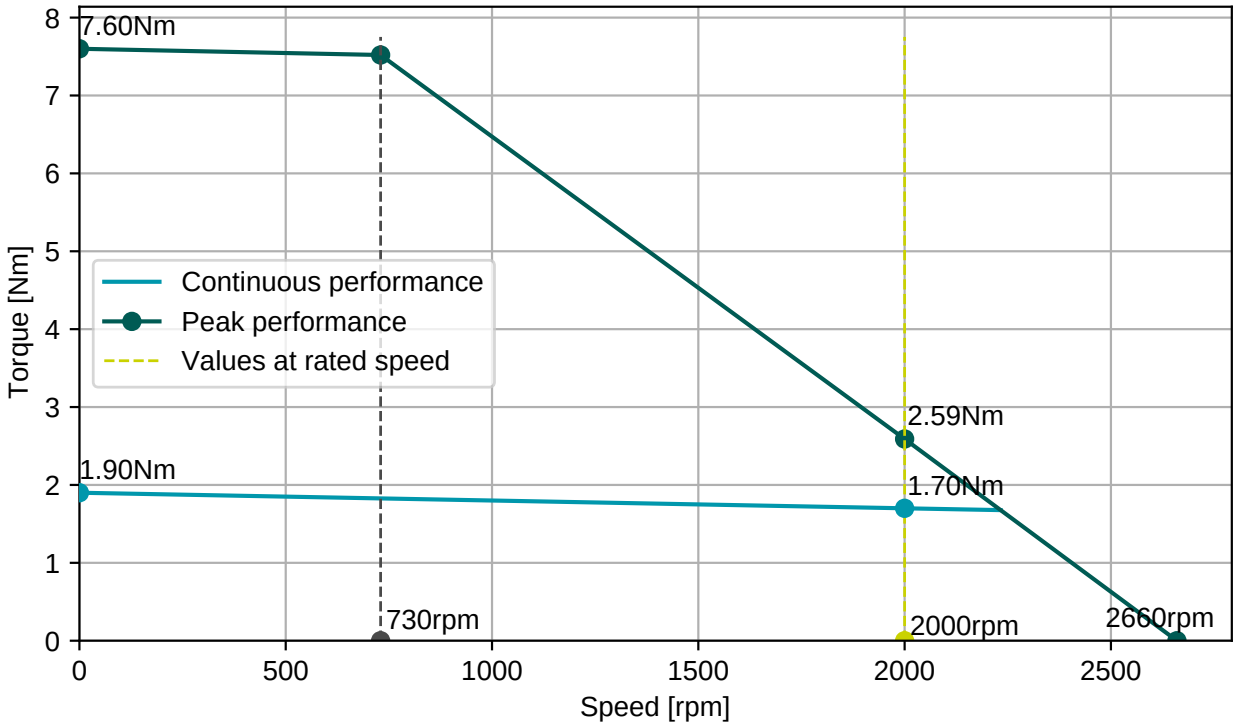
Engineering data (WIN -100107)		
DC bus voltage	24	V DC
Nominal AC voltage	15	V AC (rms)
Rated voltage	14	V AC (rms)
Rated power	356	W
Rated speed	2000	rpm
Rated torque	1.70	Nm
Rated current	19.27	A (rms)
Peak torque	7.6	Nm
Peak current	88.21	A (rms)
Stall torque	1.9	Nm
Stall current	20.51	A (rms)
No load speed	2660	rpm
EMF constant ±10%	5.6	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.09	Nm / A (rms)
Torque constant ±10% @ rated load	0.09	Nm / A (rms)
Number of poles	6	
Electrical time constant	1.94	ms
Winding terminal resistance	0.098	Ω
Rotary field terminal inductance	0.19	mH

Customs info	
HS Code	85015100

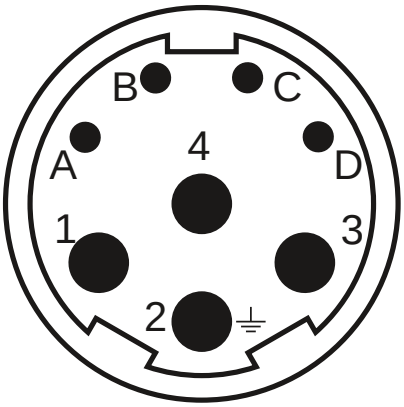
Mechanical data (setting 5)		
Max mechanical speed	9000	rpm
Mech. time constant	1.82	ms
Thermal time constant	31	min
Rotor inertia	0.92	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	

Sensors	
Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

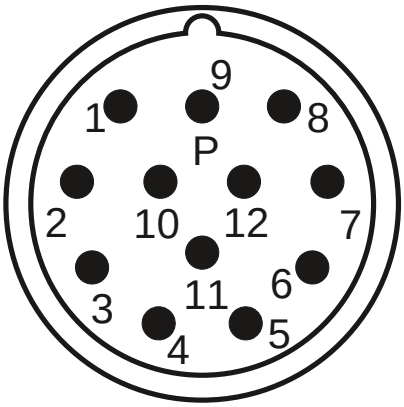
Torque / speed curve



BFC110N00000207000
M23, 8 poles, rectangular

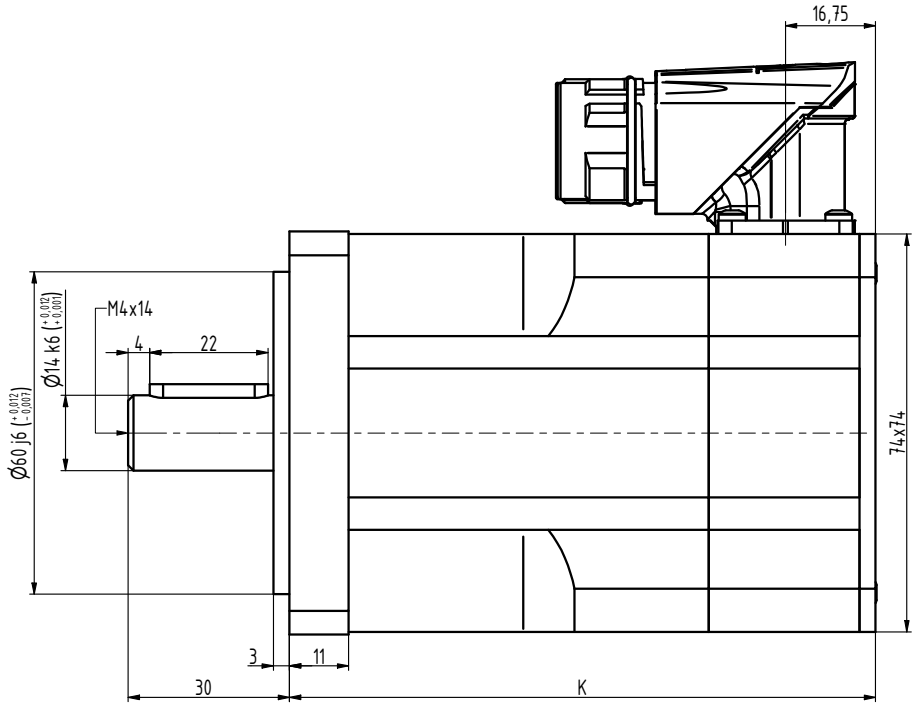


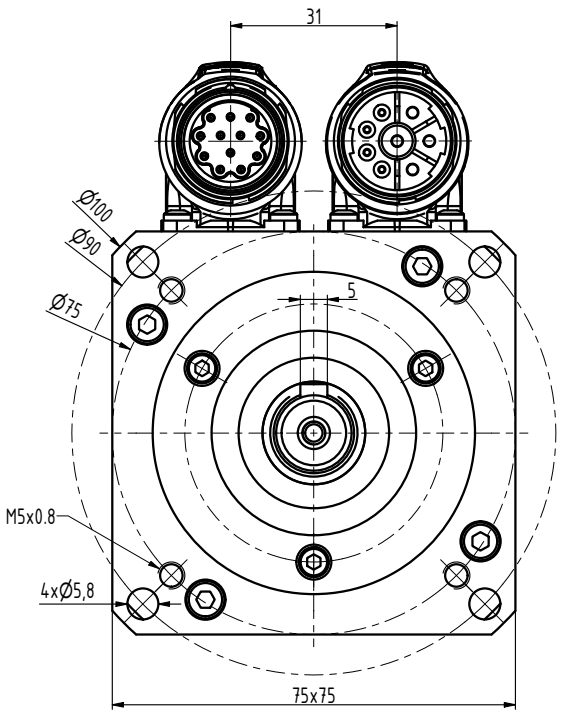
AFC114N00000214000
M23, 12 poles, rectangular



Connector 1 (9)	
1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	
D	

Connector 2 (10)	
2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1





TYP	K
T3-0065	109
T3-0130	127
T3-0190	145
T3-0250	163
T3-0300	181

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. Šimík 16.11.2018					
TECHNOL.		SCHVÁLIL Ošlejšek	21.08.2008	STARÝ V.	Č.V.
NÁZEV					
Motor T3				T3008 01 P Z	
				Listů	List