Engineering data (WIN 194)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	340	V AC (rms)
Rated power	5.5	kW
Rated speed	3000	rpm
Rated torque	17.50	Nm
Rated current	10.5	A (rms)
Peak torque	66	Nm
Peak current	63.7	A (rms)
Stall torque	22	Nm
Stall current	12.8	A (rms)
No load speed	3170	rpm
EMF constant ±10%	104	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.72	Nm / A (rms)
Torque constant ±10% @ rated load	1.67	Nm / A (rms)
Number of poles	6	
Electrical time constant	11.05	ms
Winding terminal resistance	0.95	Ω
Rotary field terminal inductance	10.5	mH

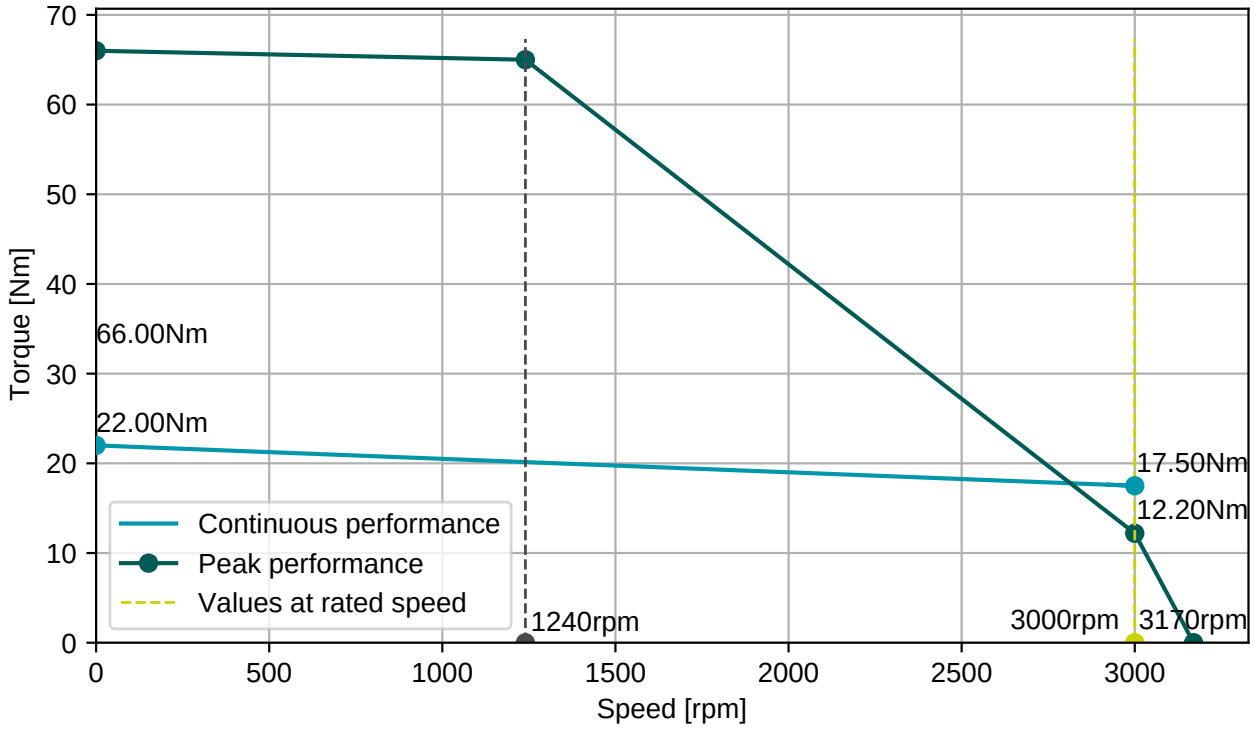
Customs info	
HS Code	85015220

Mechanical data (setting 5)		
Max mechanical speed	9000	rpm
Mech. time constant	0.65	ms
Thermal time constant	75	min
Rotor inertia	11.7	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	19.5	kg

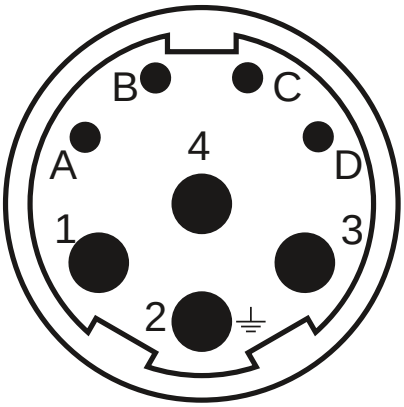
Sensors	
Temperature	UP72T150-140C {UP72T150-140C Uchiya}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

Brake		
Braking torque	18.00	Nm
Voltage	24	V DC
Power @20°C	24.0	W
Current @20°C	1.00	A
Inertia	2.00	kgcm²
Mass	1.80	kg

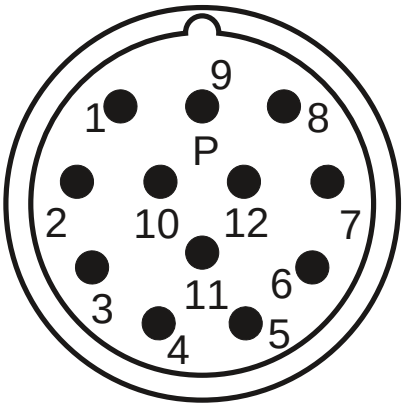
Torque / speed curve



BEA116N00000200000
M23, 6 poles, straight

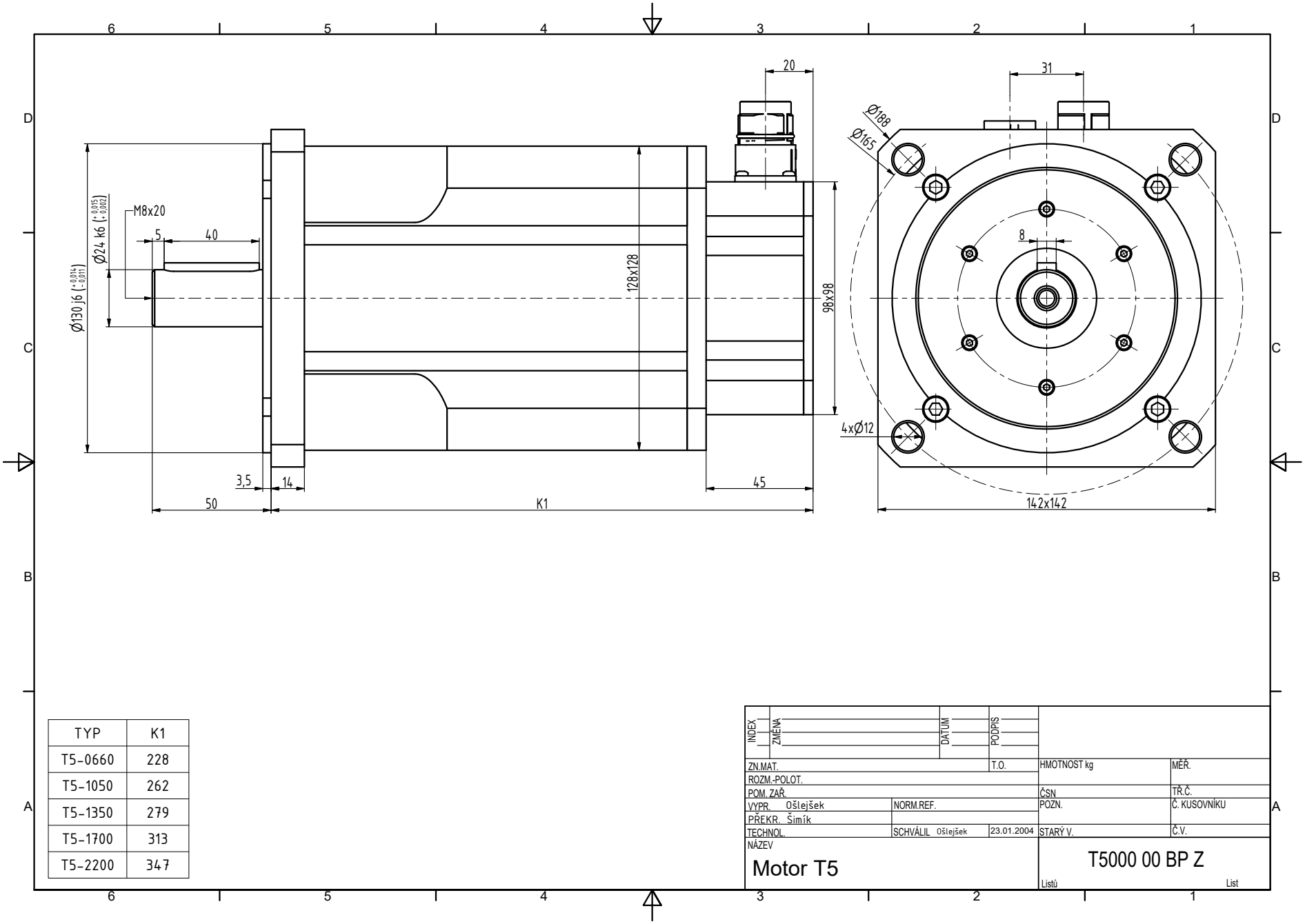


AEA052N00000201000
M23, 12 poles, straight



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	K1
T5-0660	228
T5-1050	262
T5-1350	279
T5-1700	313
T5-2200	347

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				
TECHNOL.	SCHVÁLIL Ošlejšek	23.01.2004	STARÝ V.	Č.V.

NÁZEV

Motor T5

T5000 00 BP Z

Listů List