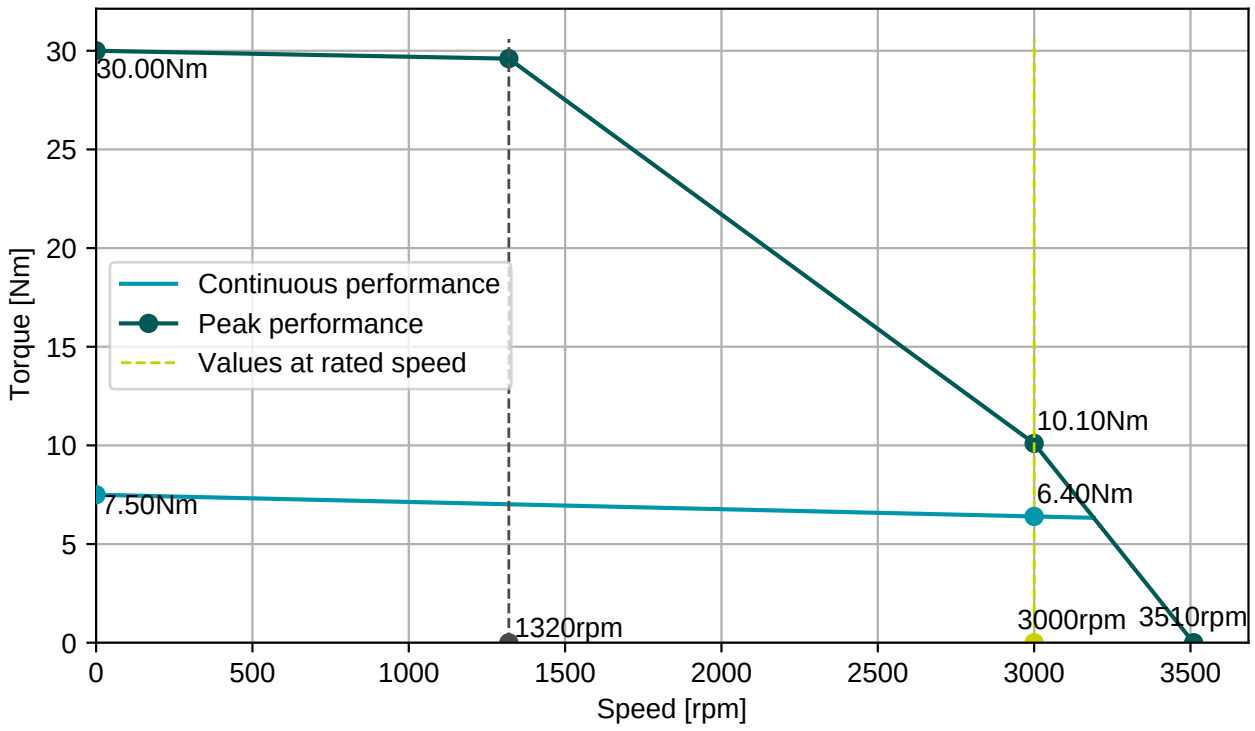
Engineering data (WIN 159)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	308	V AC (rms)
Rated power	2.0	kW
Rated speed	3000	rpm
Rated torque	6.40	Nm
Rated current	4.35	A (rms)
Peak torque	30	Nm
Peak current	29.4	A (rms)
Stall torque	7.5	Nm
Stall current	4.82	A (rms)
No load speed	3510	rpm
EMF constant ±10%	94	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.55	Nm / A (rms)
Torque constant ±10% @ rated load	1.47	Nm / A (rms)
Number of poles	6	
Electrical time constant	6.40	ms
Winding terminal resistance	3	Ω
Rotary field terminal inductance	19.2	mH

Customs info	
HS Code	85015220

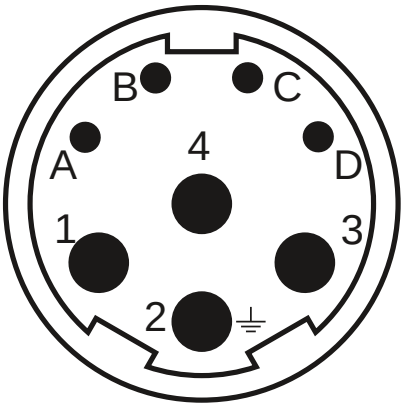
Mechanical data (setting 1)		
Max mechanical speed	12000	rpm
Mech. time constant	0.89	ms
Thermal time constant	66	min
Rotor inertia	4.15	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	

Sensors	
Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Feedback	6-poles resolver RE-15-3-A14

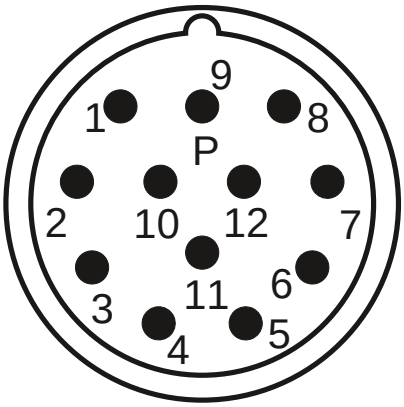
Torque / speed curve



BEA120N00000200000
M23, 8 poles, straight

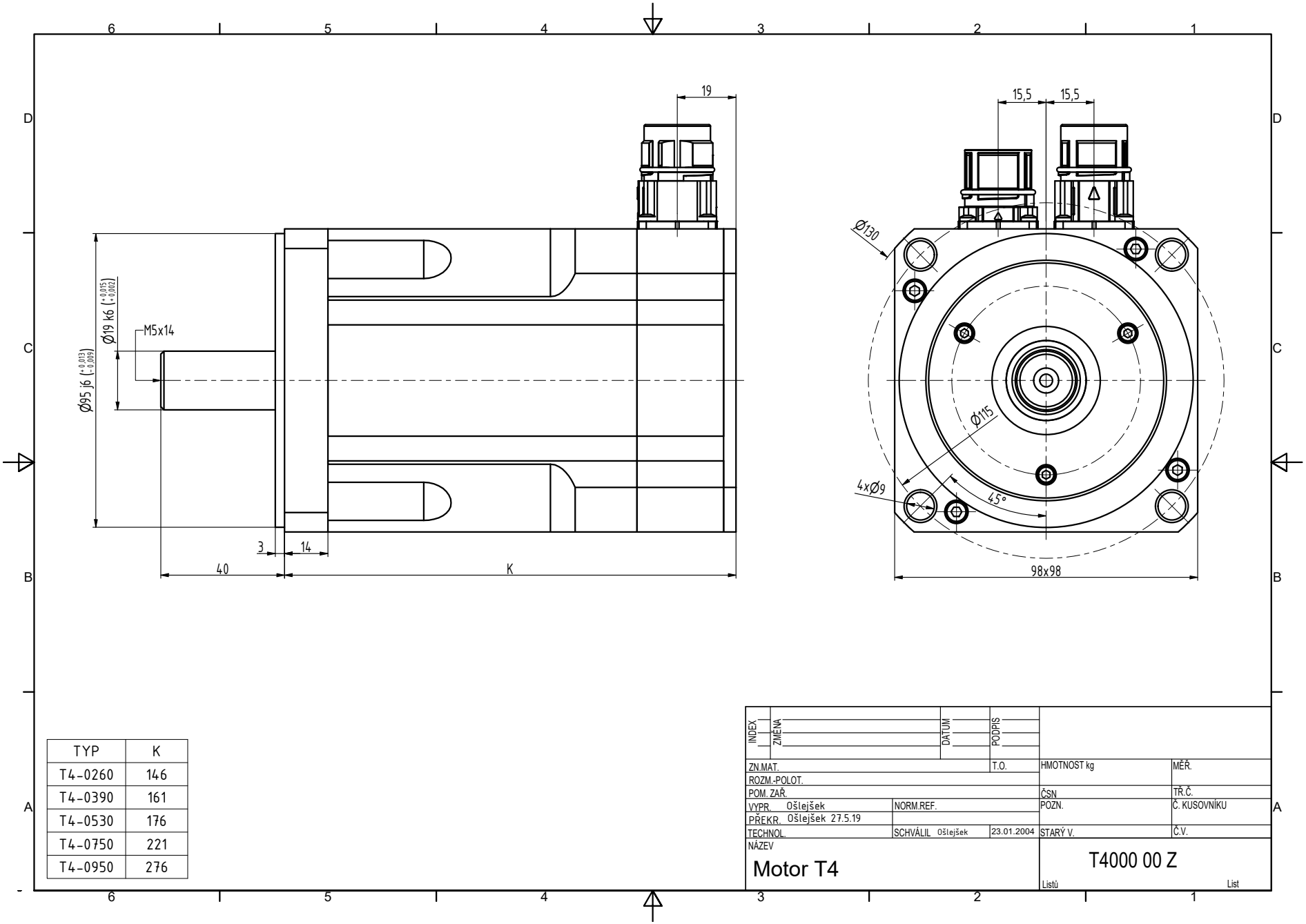


AEA052N00000201000
M23, 12 poles, straight



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

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



TYP	K
T4-0260	146
T4-0390	161
T4-0530	176
T4-0750	221
T4-0950	276

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. Ošlejšek 27.5.19					
TECHNOL.		SCHVÁLIL Ošlejšek	23.01.2004	STARÝ V.	Č.V.

NÁZEV

Motor T4

T4000 00 Z

Listů List