Engineering data (WIN 59)		
DC bus voltage	30	V DC
Nominal AC voltage	18	V AC (rms)
Rated voltage	15	V AC (rms)
Rated power	94	W
Rated speed	3000	rpm
Rated torque	0.30	Nm
Rated current	5.2	A (rms)
Peak torque	1.3	Nm
Peak current	22.5	A (rms)
Stall torque	0.32	Nm
Stall current	5.2	A (rms)
No load speed	4860	rpm
EMF constant ±10%	3.7	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.06	Nm / A (rms)
Torque constant ±10% @ rated load	0.06	Nm / A (rms)
Number of poles	6	
Electrical time constant	0.80	ms
Winding terminal resistance	0.56	Ω
Rotary field terminal inductance	0.45	mH

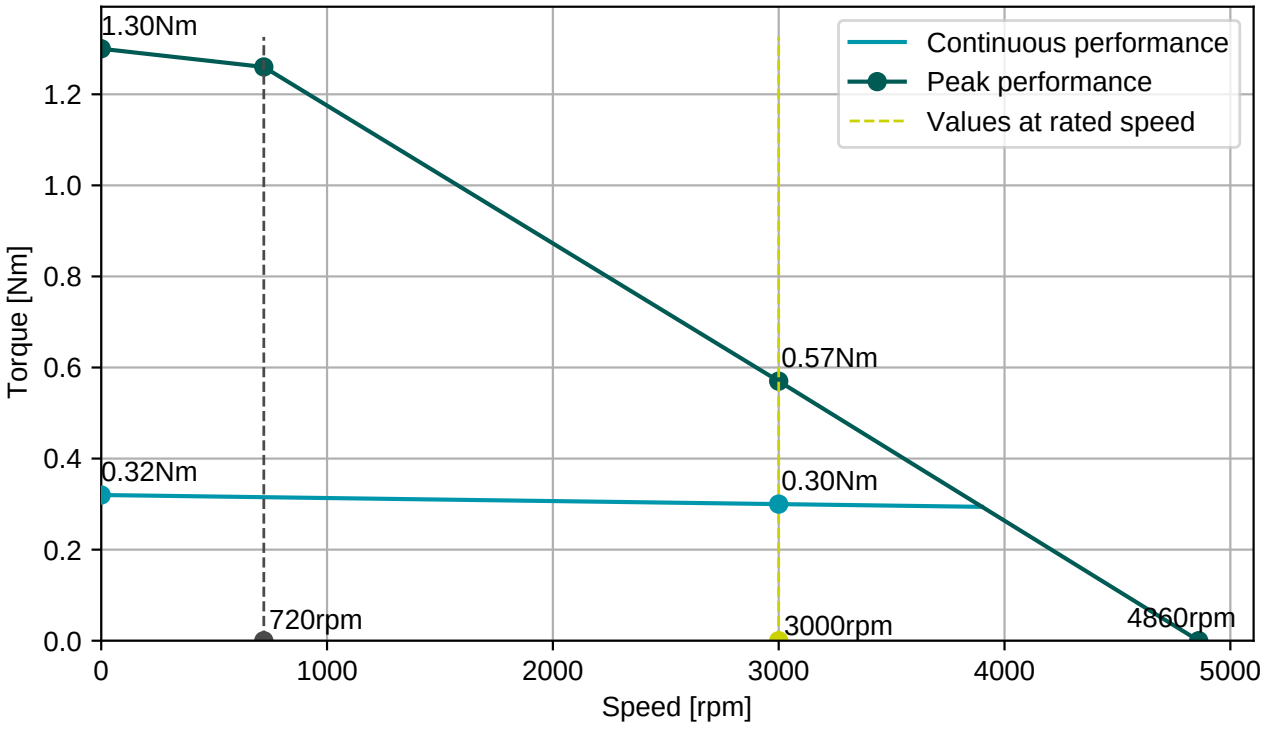
Customs info	
HS Code	85015100

Mechanical data (setting 5)		
Max mechanical speed	12000	rpm
Mech. time constant	2.07	ms
Thermal time constant	15	min
Rotor inertia	0.08	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	1.2	kg
Max. axial force 20kh	45	N
Max. radial force 20kh*	237	N
Max. axial force 100kh	26	N
Max. radial force 100kh*	139	N

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

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

Torque / speed curve



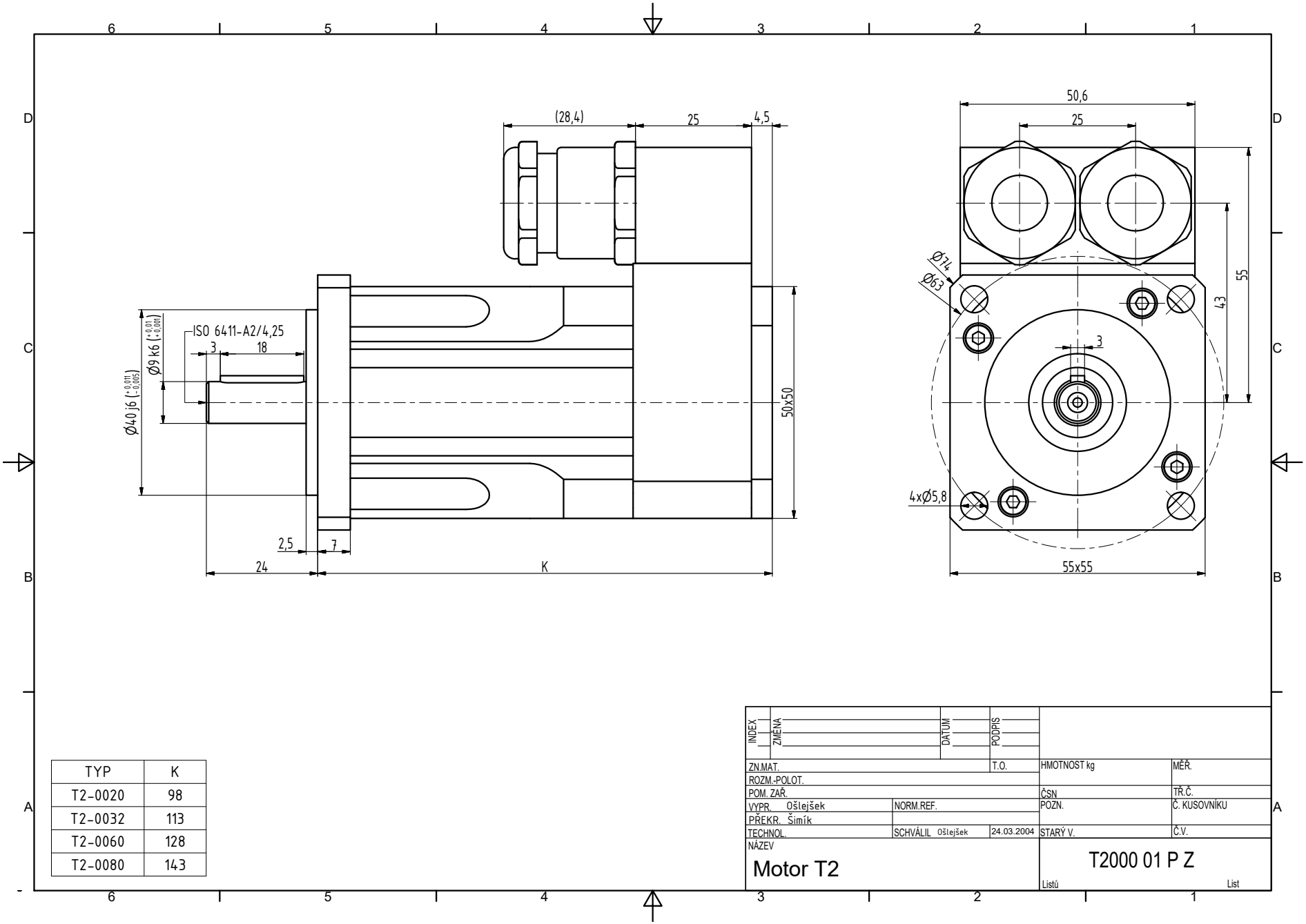
Cable SF4x1,5, D=9,6±0,4mm

Connector 1 (21)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-

Numbers printed on the cables

Cable R4x2x0,25, D=6,8±0,4mm

Connector 2 (22)	
white	R1
brown	R2
grey	S1
green	S2
pink	S3
yellow	S4
red	Therm+
blue	Therm-



TYP	K
T2-0020	98
T2-0032	113
T2-0060	128
T2-0080	143

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	24.03.2004	STARÝ V.	Č.V.
NÁZEV	Motor T2			T2000 01 P Z	
				Listů	List