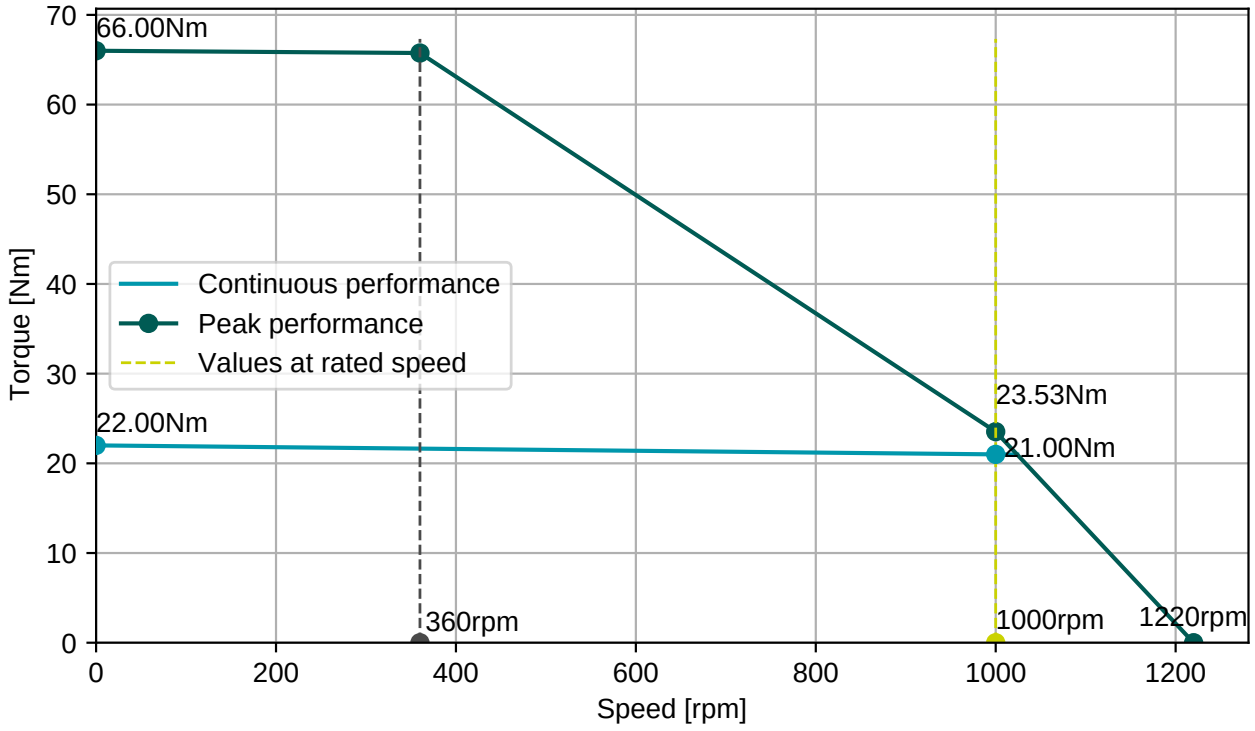
Engineering data (WIN 514)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	320	V AC (rms)
Rated power	2.2	kW
Rated speed	1000	rpm
Rated torque	21.00	Nm
Rated current	4.77	A (rms)
Peak torque	66	Nm
Peak current	24.5	A (rms)
Stall torque	22	Nm
Stall current	4.93	A (rms)
No load speed	1220	rpm
EMF constant ±10%	270	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.47	Nm / A (rms)
Torque constant ±10% @ rated load	4.40	Nm / A (rms)
Number of poles	6	
Electrical time constant	10.79	ms
Winding terminal resistance	6.09	Ω
Rotary field terminal inductance	65.7	mH

Customs info	
HS Code	85015220

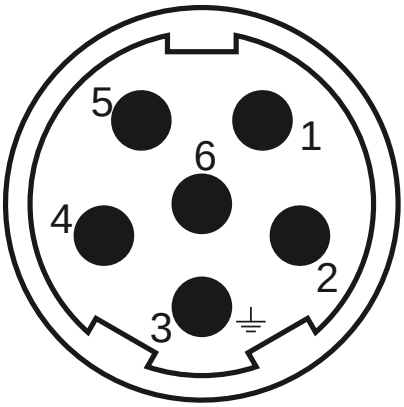
Mechanical data (setting 12)		
Max mechanical speed	9000	rpm
Mech. time constant	0.62	ms
Thermal time constant	75	min
Rotor inertia	11.7	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	21.2	kg

Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-poles resolver size 27

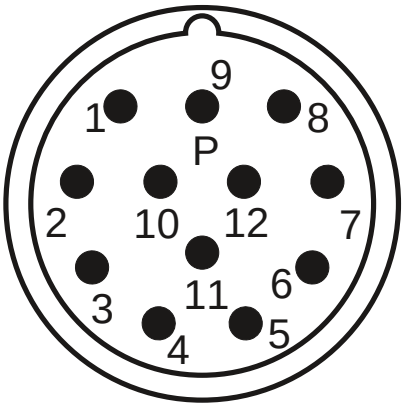
Torque / speed curve



BFC106N00000207000
M23, 6 poles, rectangular

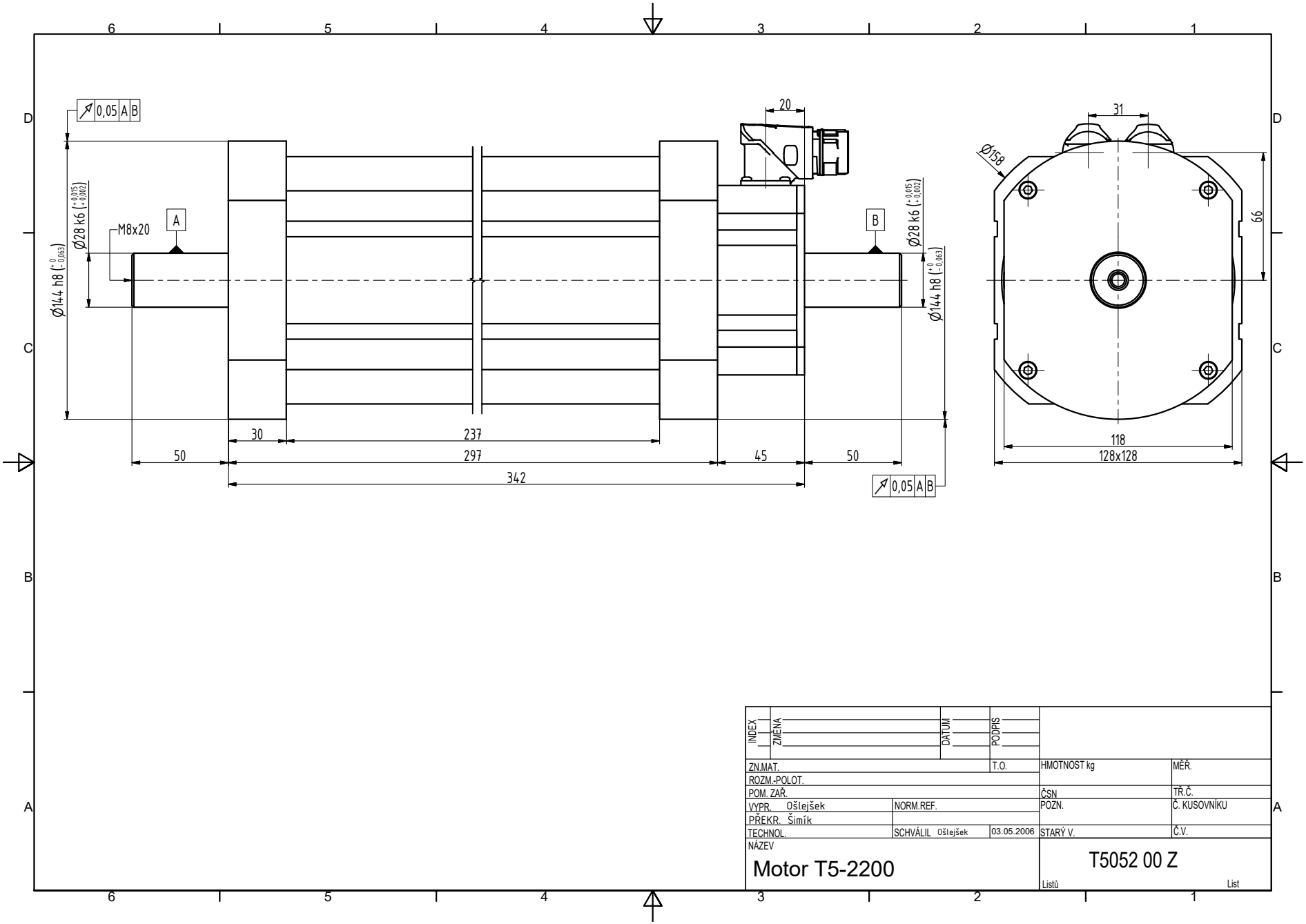


AFC114N00000214000
M23, 12 poles, rectangular



Connector 1 (25)	
1	U
2	W
3	PE
4	Brake-
5	V
6	Brake+

Connector 2 (26)	
1	Therm+
2	Therm-
3	R2
4	R1
5	S2
6	S4
7	S3
8	S1



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	03.05.2006		STARÝ V.	Č.V.
NÁZEV					
Motor T5-2200				T5052 00 Z	
				Listů	List