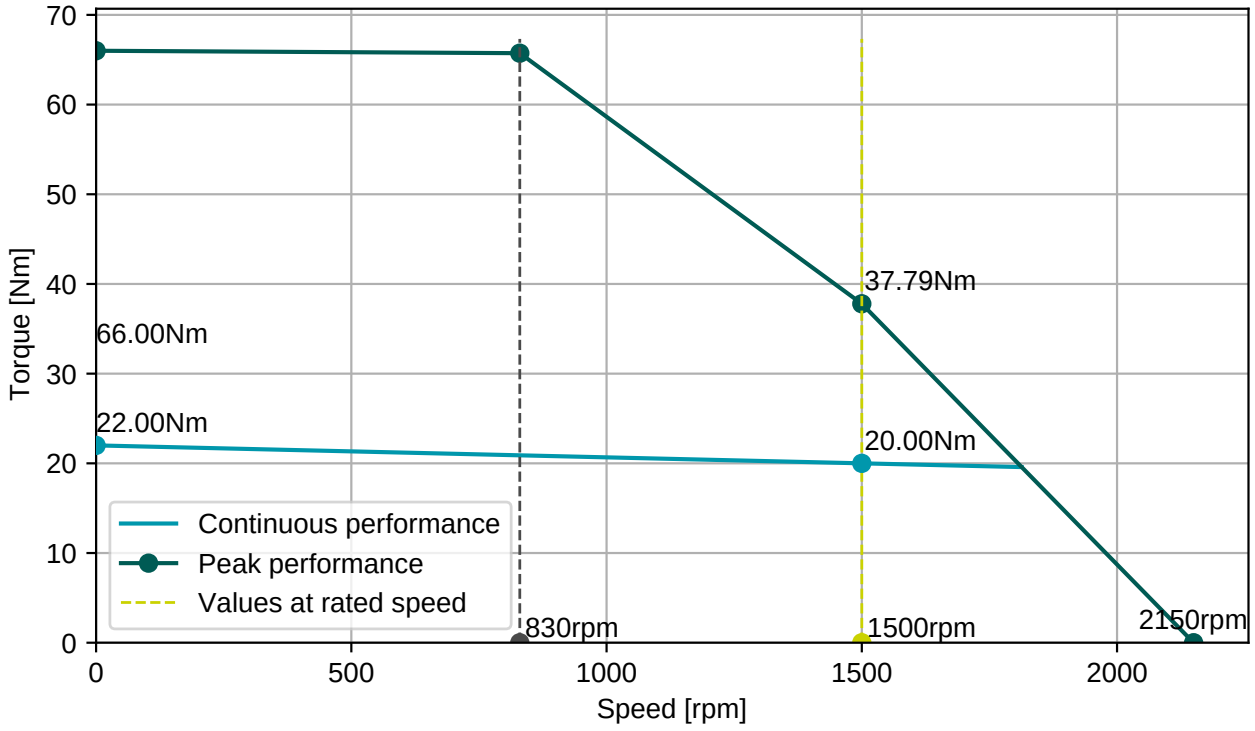
Engineering data (WIN 350)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	261	V AC (rms)
Rated power	3.1	kW
Rated speed	1500	rpm
Rated torque	20.00	Nm
Rated current	8.03	A (rms)
Peak torque	66	Nm
Peak current	43.3	A (rms)
Stall torque	22	Nm
Stall current	8.7	A (rms)
No load speed	2150	rpm
EMF constant ±10%	153	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	2.53	Nm / A (rms)
Torque constant ±10% @ rated load	2.49	Nm / A (rms)
Number of poles	6	
Electrical time constant	10.93	ms
Winding terminal resistance	1.93	Ω
Rotary field terminal inductance	21.1	mH

Customs info	
HS Code	85015220

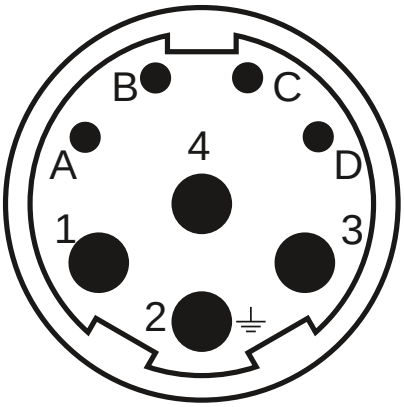
Mechanical data (setting 31)		
Max mechanical speed	9000	rpm
Mech. time constant	0.61	ms
Thermal time constant	75	min
Rotor inertia	11.7	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	21.2	kg

Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (66XFW975)

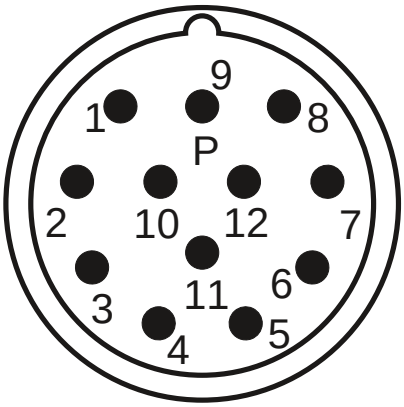
Torque / speed curve



BFC110N00000207000
M23, 8 poles, rectangular

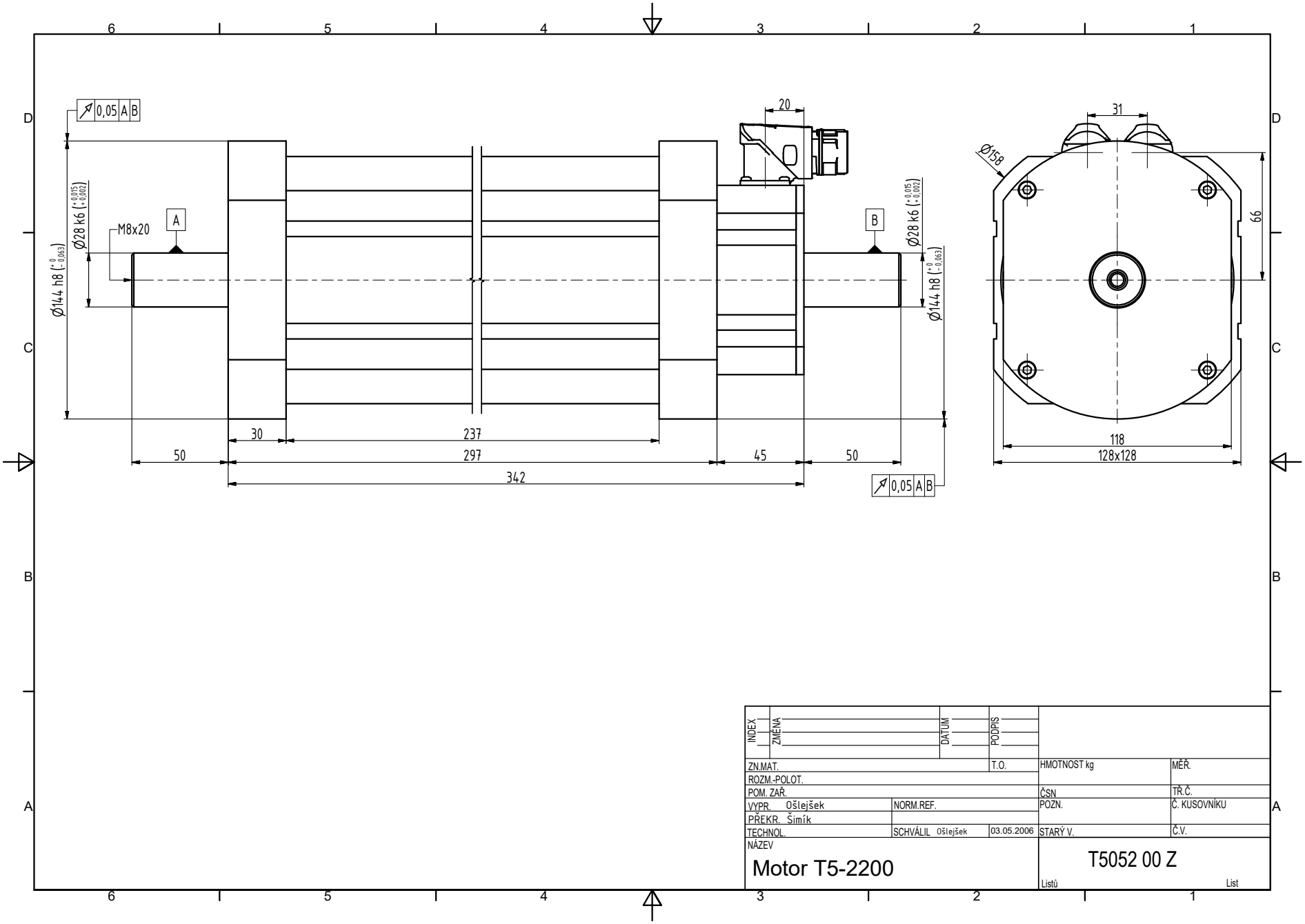


AFC114N00000214000
M23, 12 poles, rectangular



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

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


0,05 A B
Ø28 k6 (+0,015 +0,002)
M8x20
A
Ø144 h8 (-0 -0,063)
20
B
Ø28 k6 (+0,015 +0,002)
Ø144 h8 (-0 -0,063)
30
237
50
297
45
50
342
0,05 A B
31
Ø158
66
118
128x128
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