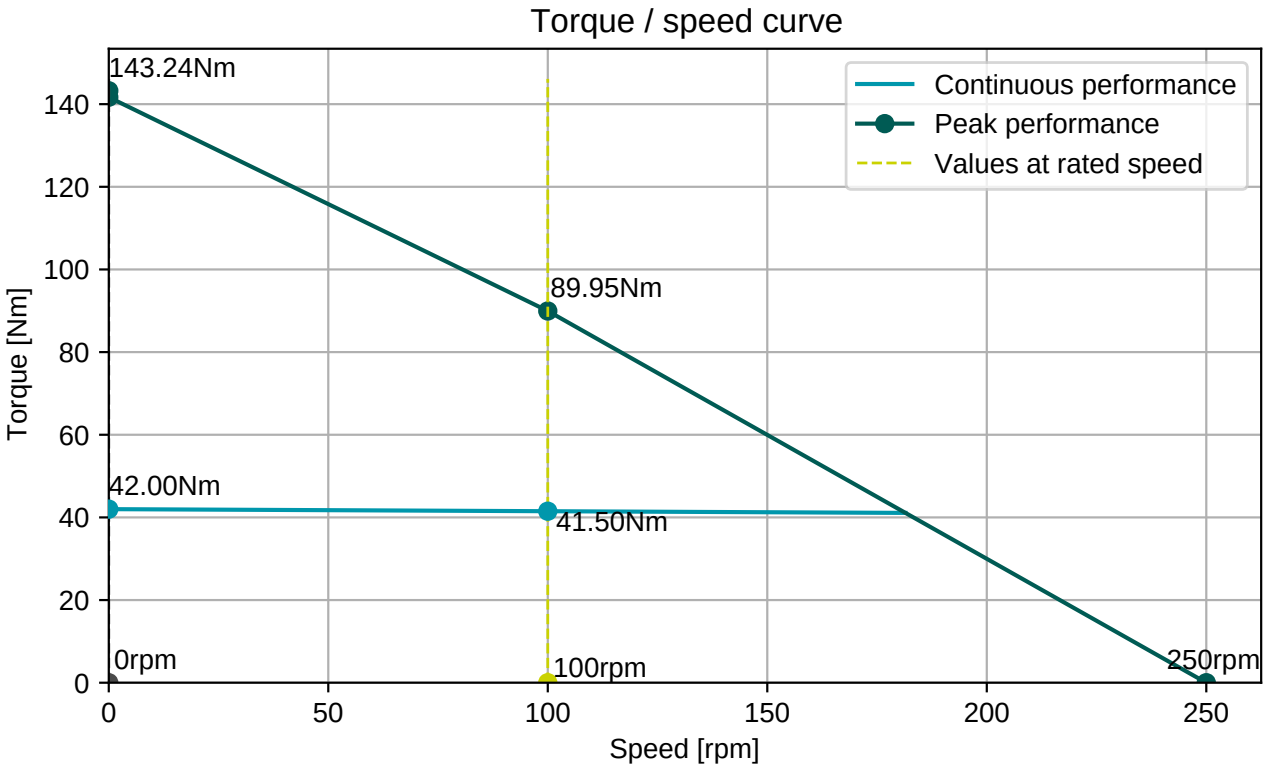
Engineering data (WIN 1110)		
DC bus voltage	320	V DC
Nominal AC voltage	200	V AC (rms)
Rated voltage	136	V AC (rms)
Rated power	435	W
Rated speed	100	rpm
Rated torque	41.50	Nm
Rated current	3.23	A (rms)
Peak torque	143.24	Nm
Peak current	12.2	A (rms)
Stall torque	42	Nm
Stall current	3.15	A (rms)
No load speed	250	rpm
EMF constant ±10%	805	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	13.31	Nm / A (rms)
Torque constant ±10% @ rated load	12.85	Nm / A (rms)
Number of poles	22	
Electrical time constant	5.07	ms
Winding terminal resistance	13.57	Ω
Rotary field terminal inductance	68.8	mH

Customs info	
HS Code	85015100

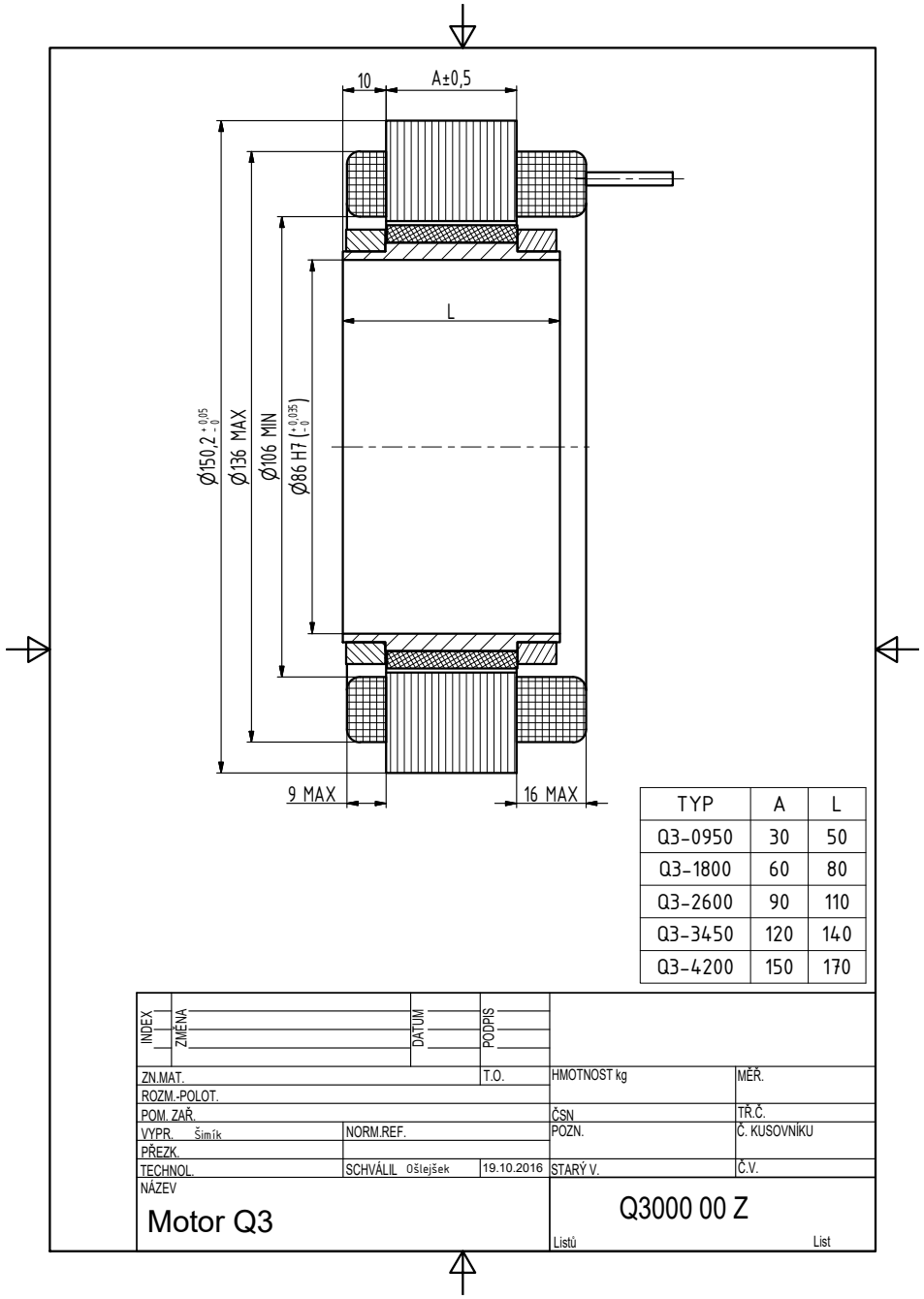
Mechanical data (setting 6)		
Max mechanical speed	12000	rpm
Mech. time constant	0.80	ms
Thermal time constant	59	min
Rotor inertia	60	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	12.2	kg

Sensors	
Temperature	PT1000 {PT1000}



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q3-0950	30	50
Q3-1800	60	80
Q3-2600	90	110
Q3-3450	120	140
Q3-4200	150	170

INDEX	ZMĚNA	DATUM	PODPIS

ZN.MAT.		T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.				
POM. ZAŘ.			ČSN	TŘ.Č.
VYPR. Šimík	NORM.REF.		POZN.	Č. KUSOVNÍKU
PŘEZK.				
TECHNOL.	SCHVÁLIL Ošlejšek	19.10.2016	STARÝ V.	Č.V.

NÁZEV

Motor Q3

Q3000 00 Z

Listů List