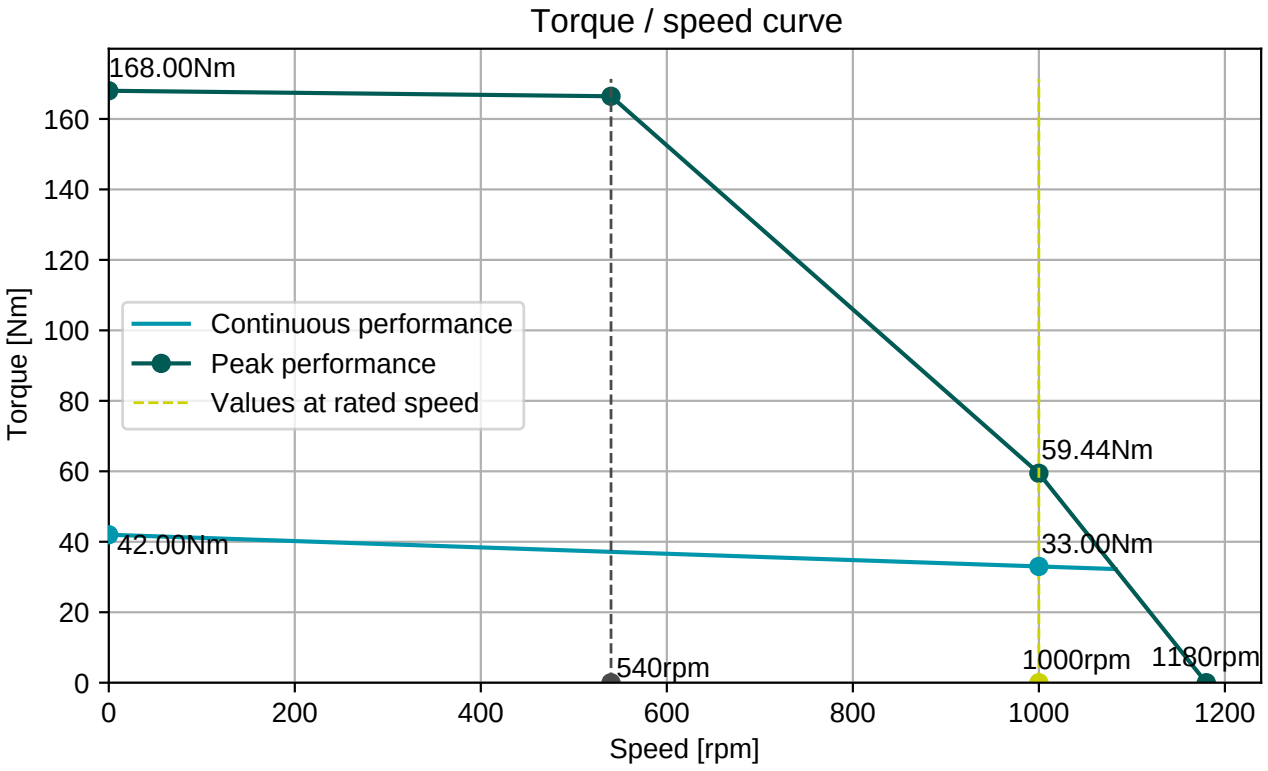
Engineering data (WIN -304)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	202	V AC (rms)
Rated power	3.5	kW
Rated speed	1000	rpm
Rated torque	33.00	Nm
Rated current	11.24	A (rms)
Peak torque	168	Nm
Peak current	66.49	A (rms)
Stall torque	42	Nm
Stall current	13.65	A (rms)
No load speed	1180	rpm
EMF constant ±10%	186	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	3.08	Nm / A (rms)
Torque constant ±10% @ rated load	2.94	Nm / A (rms)
Number of poles	22	
Electrical time constant	5.04	ms
Winding terminal resistance	0.73	Ω
Rotary field terminal inductance	3.68	mH

Customs info	
HS Code	85015220

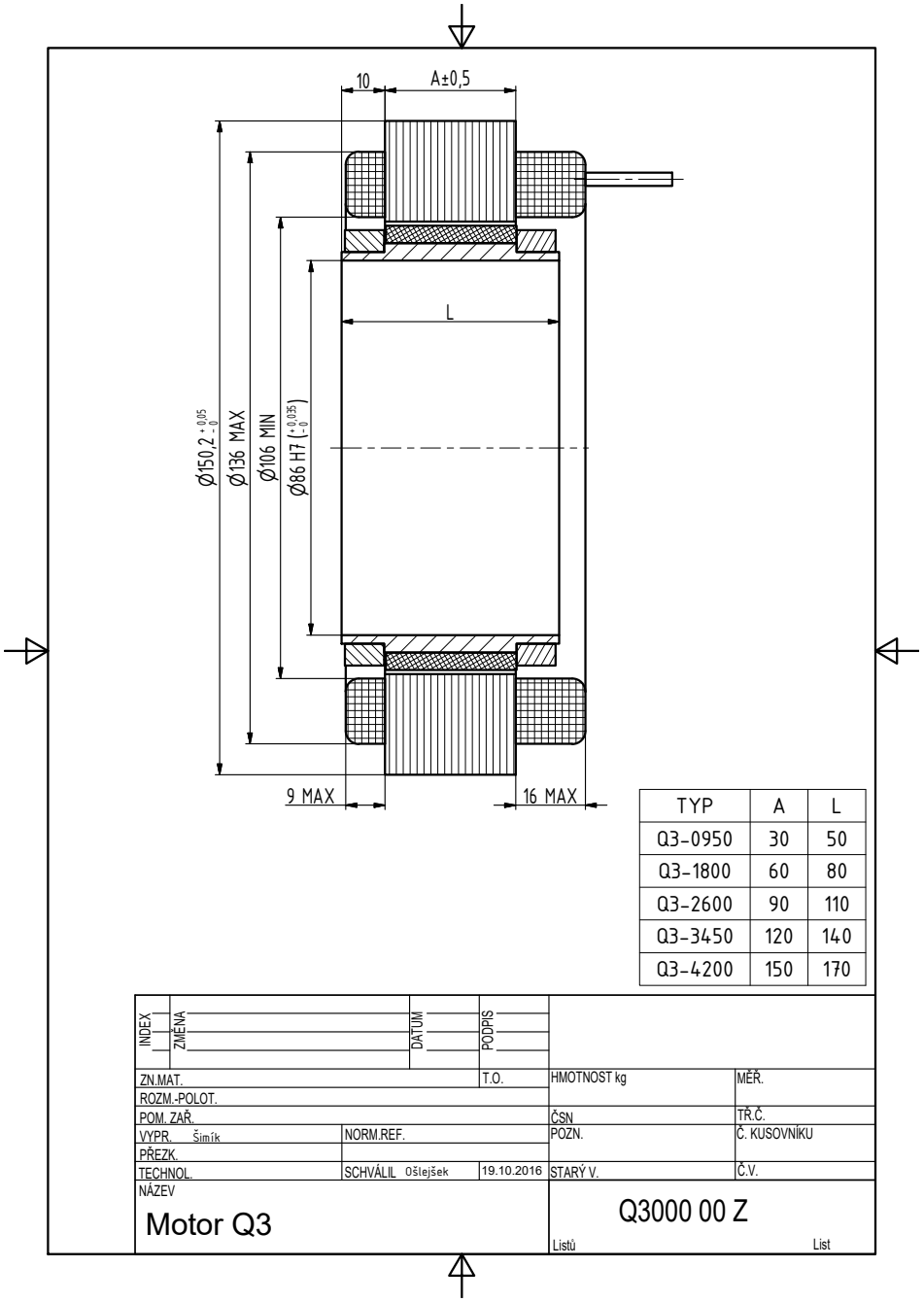
Mechanical data (setting 6)		
Max mechanical speed	5000	rpm
Mech. time constant	0.80	ms
Thermal time constant	59	min
Rotor inertia	60	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	12.2	kg

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