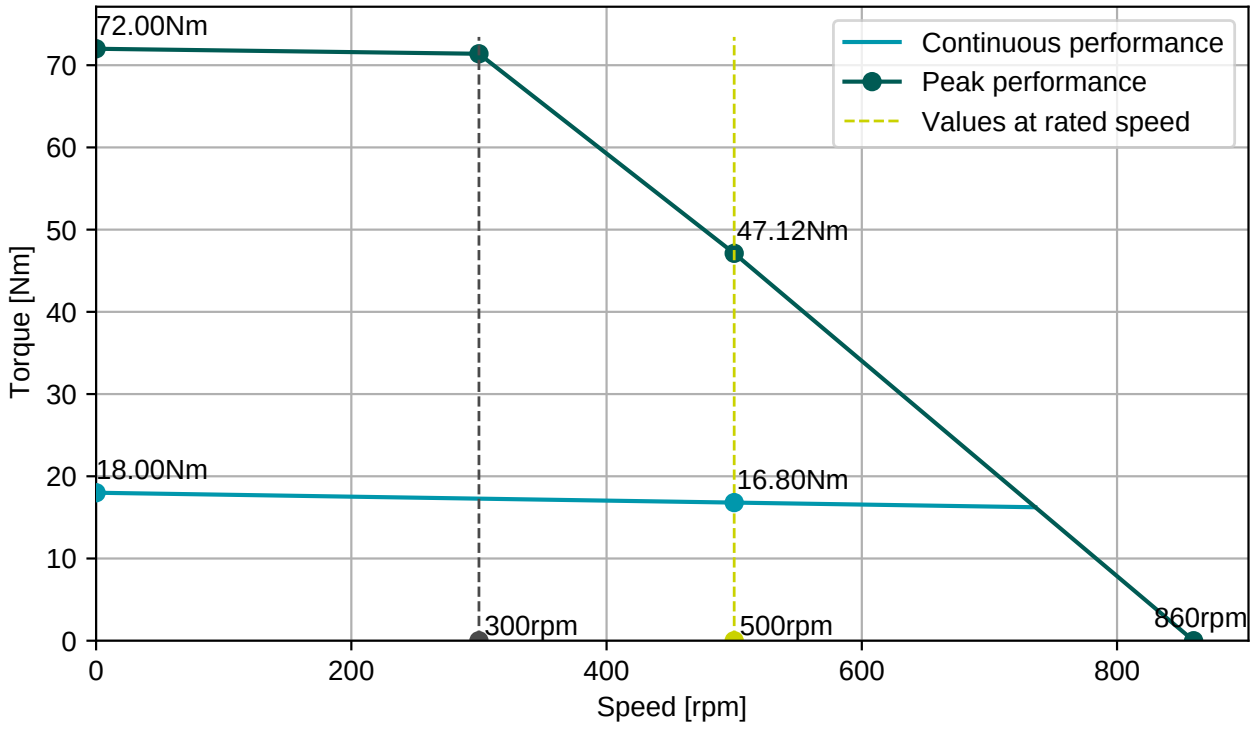
Engineering data (WIN 1387)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	155	V AC (rms)
Rated power	880	W
Rated speed	500	rpm
Rated torque	16.80	Nm
Rated current	4.11	A (rms)
Peak torque	72	Nm
Peak current	20.7	A (rms)
Stall torque	18	Nm
Stall current	4.25	A (rms)
No load speed	860	rpm
EMF constant ±10%	256	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.234	Nm / A (rms)
Torque constant ±10% @ rated load	4.088	Nm / A (rms)
Number of poles	22	
Electrical time constant	4.06	ms
Winding terminal resistance	4.285	Ω
Rotary field terminal inductance	17.4	mH

Customs info	
HS Code	85015220

Mechanical data (setting 6)		
Max mechanical speed	12000	rpm
Mech. time constant	0.50	ms
Thermal time constant	36	min
Rotor inertia	12	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	5.1	kg

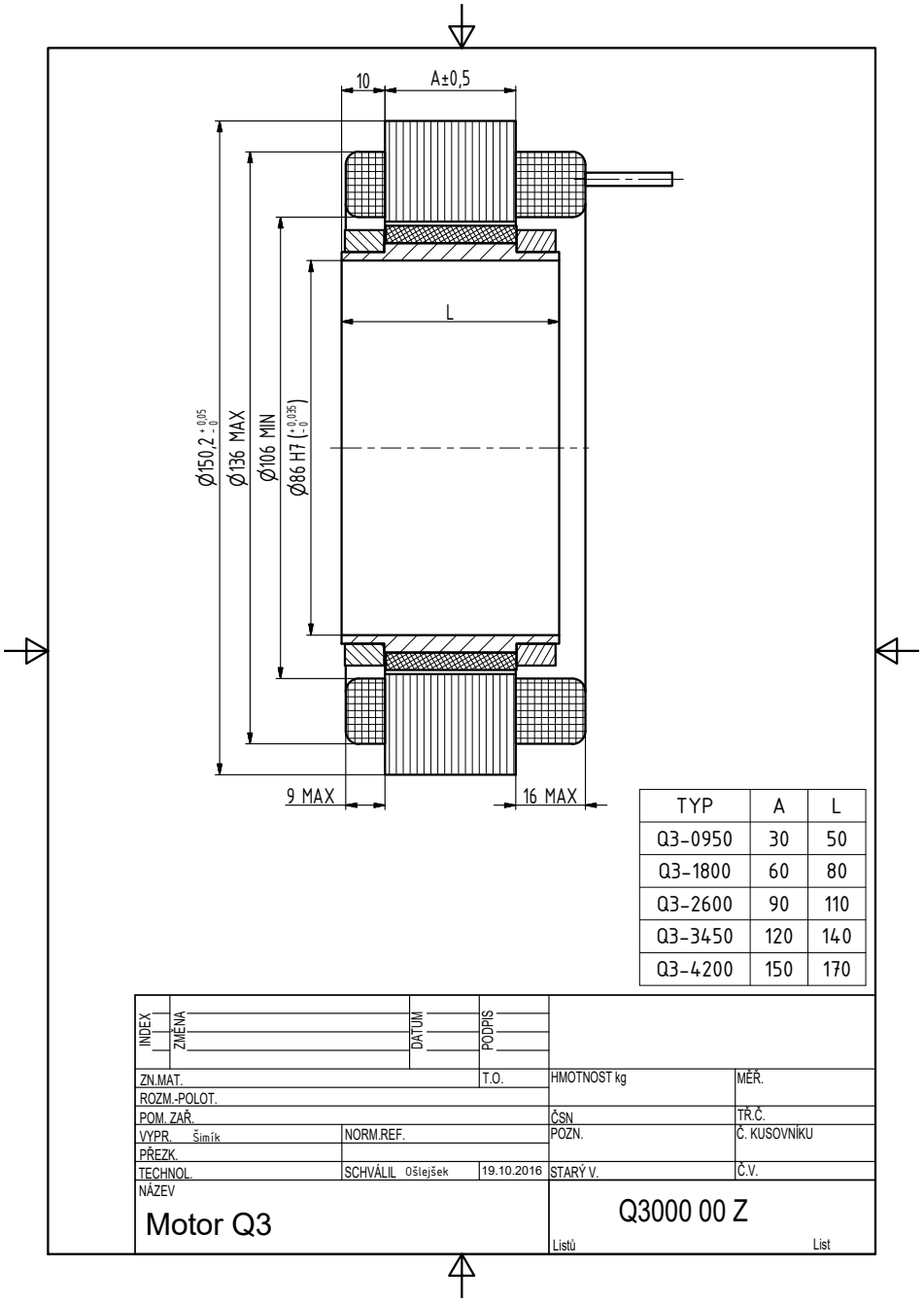
Sensors	
Temperature	PT1000 {PT1000}

Torque / speed curve



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