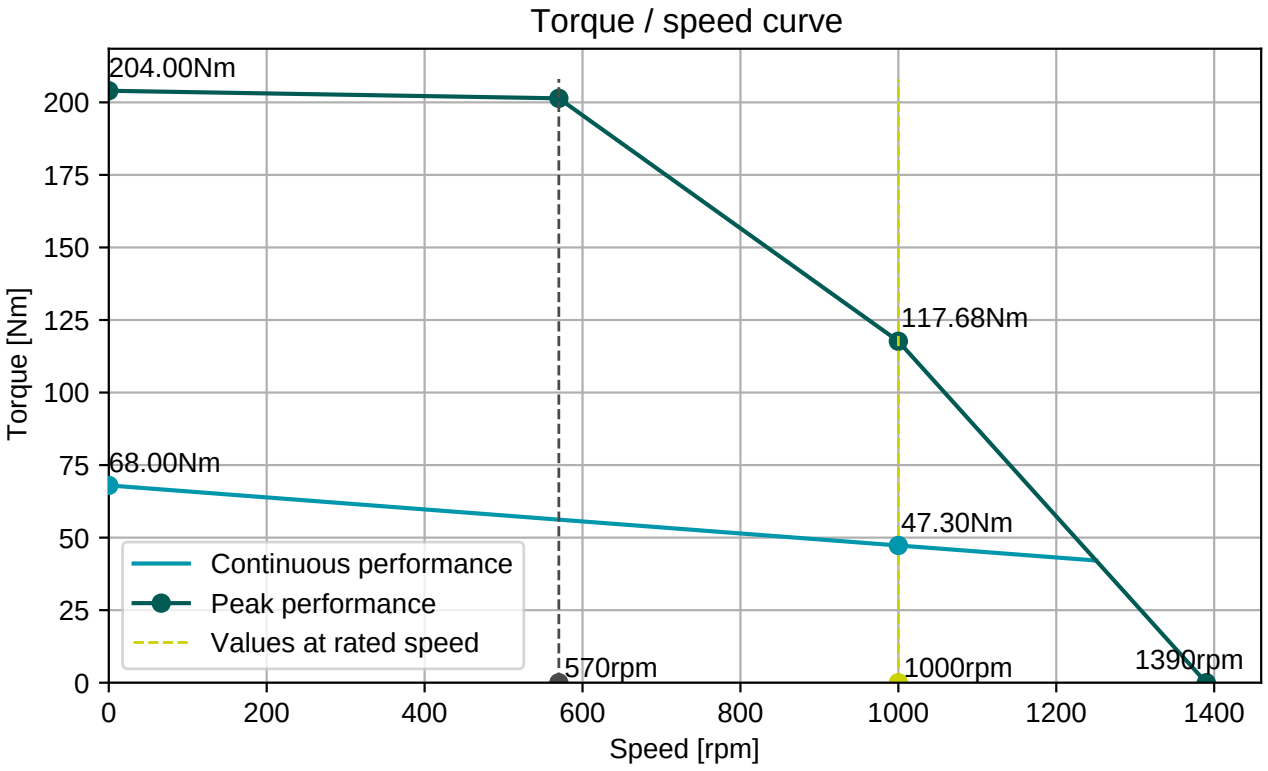
Engineering data (WIN -409)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	299	V AC (rms)
Rated power	5.0	kW
Rated speed	1000	rpm
Rated torque	47.30	Nm
Rated current	11.06	A (rms)
Peak torque	204	Nm
Peak current	61.67	A (rms)
Stall torque	68	Nm
Stall current	15.06	A (rms)
No load speed	1390	rpm
EMF constant ±10%	273	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.52	Nm / A (rms)
Torque constant ±10% @ rated load	4.28	Nm / A (rms)
Number of poles	22	
Electrical time constant	10.94	ms
Winding terminal resistance	0.71	Ω
Rotary field terminal inductance	7.77	mH

Customs info	
HS Code	85015220

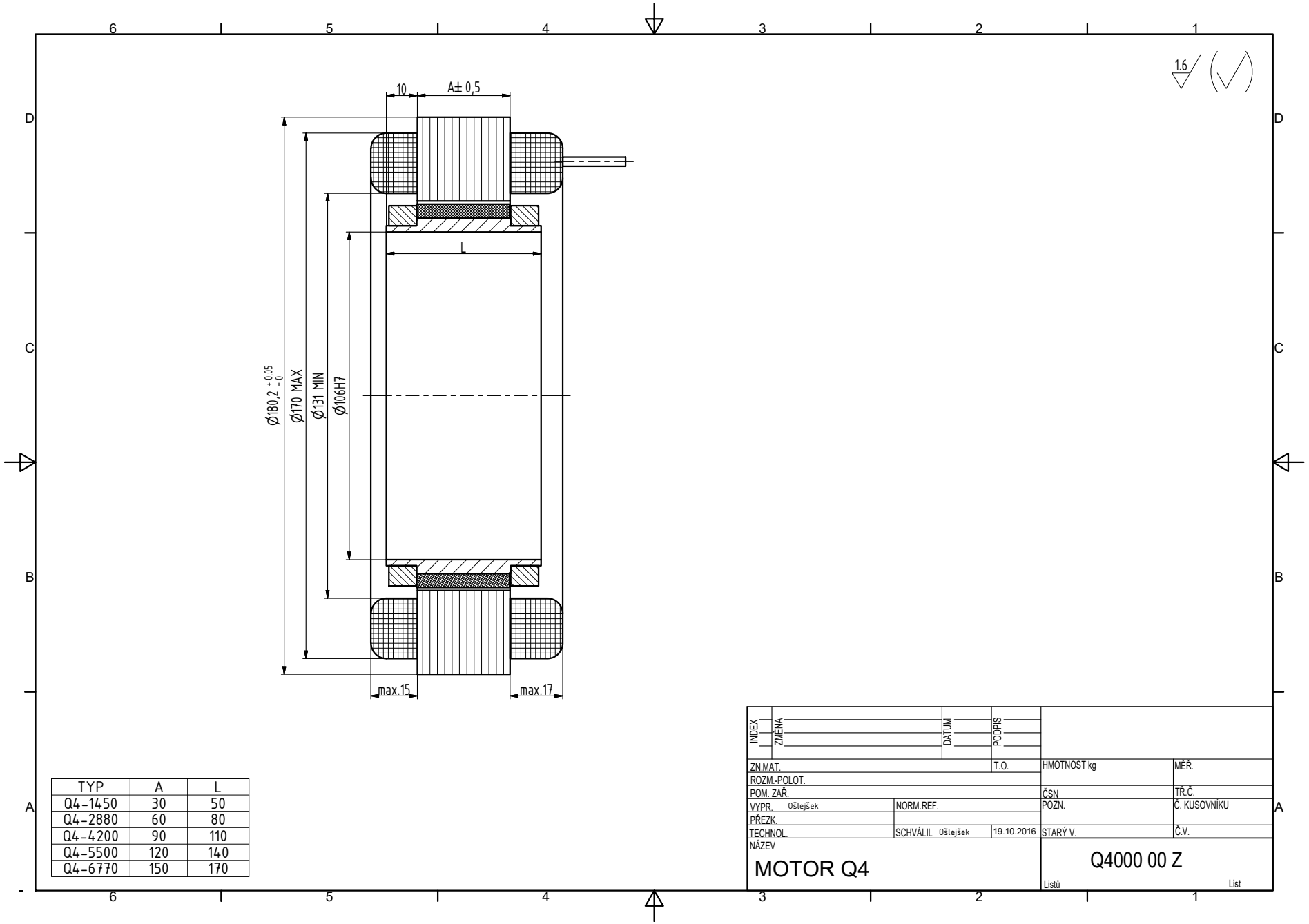
Mechanical data (setting 6)		
Max mechanical speed	4000	rpm
Mech. time constant	0.75	ms
Thermal time constant	93	min
Rotor inertia	124.5	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	16.8	kg

Sensors	
Temperature	PT1000 {PT1000}



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q4-1450	30	50
Q4-2880	60	80
Q4-4200	90	110
Q4-5500	120	140
Q4-6770	150	170