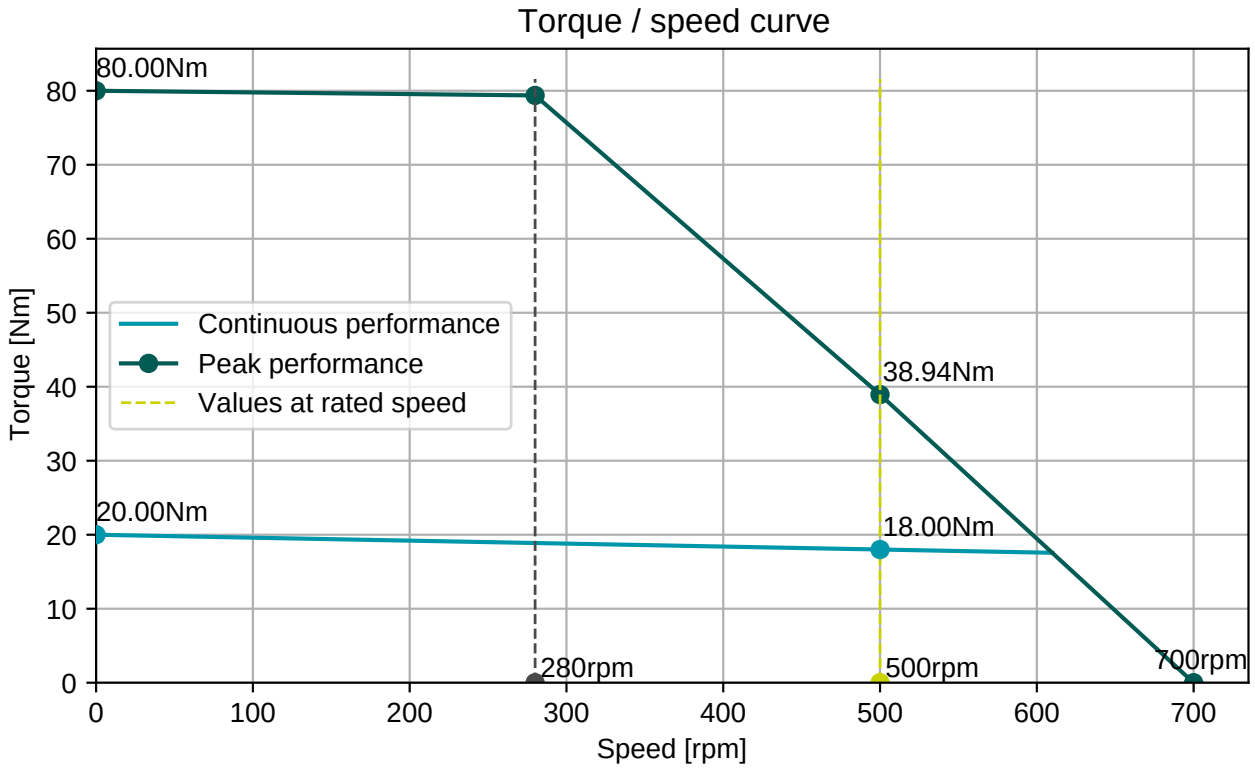
Engineering data (WIN 1413)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	316	V AC (rms)
Rated power	942	W
Rated speed	500	rpm
Rated torque	18.00	Nm
Rated current	2.1	A (rms)
Peak torque	80	Nm
Peak current	9.8	A (rms)
Stall torque	20	Nm
Stall current	2.25	A (rms)
No load speed	700	rpm
EMF constant ±10%	538	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	8.898	Nm / A (rms)
Torque constant ±10% @ rated load	8.571	Nm / A (rms)
Number of poles	22	
Electrical time constant	3.36	ms
Winding terminal resistance	15.975	Ω
Rotary field terminal inductance	53.6	mH

Customs info	
HS Code	85015220

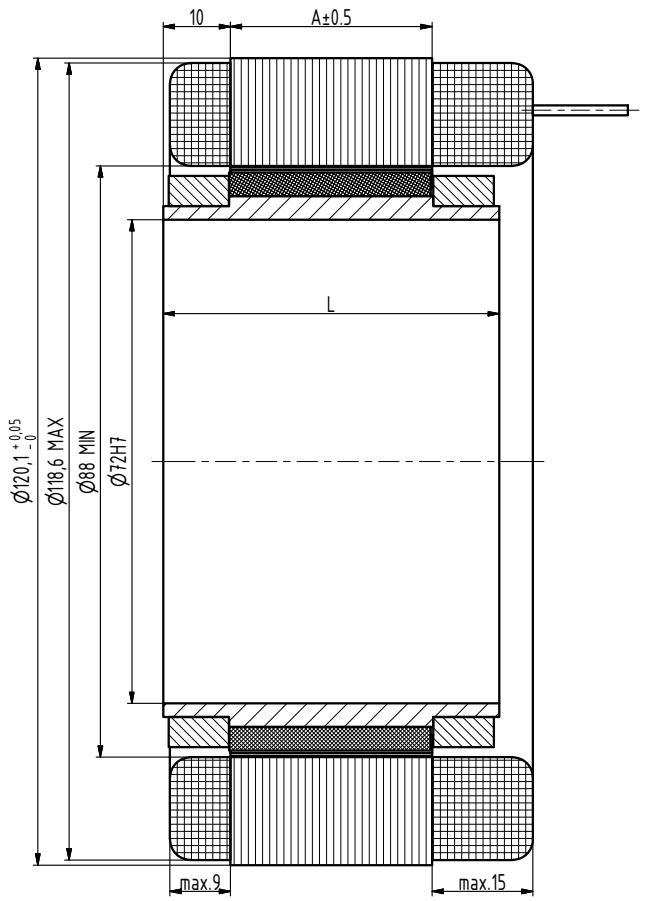
Mechanical data (setting 6)		
Max mechanical speed	6000	rpm
Mech. time constant	0.85	ms
Thermal time constant	46	min
Rotor inertia	24.4	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	7	kg

Sensors	
Temperature	PT1000 {PT1000}



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q2-0650	30	50
Q2-1200	60	80
Q2-2000	120	140
Q2-2550	150	170

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
PŘEZK.				
TECHNOL.	SCHVÁLIL Ošlejšek	19.10.2016	STARÝ V.	Č.V.

NÁZEV

MOTOR Q2

Q2000 00 Z

Listů List