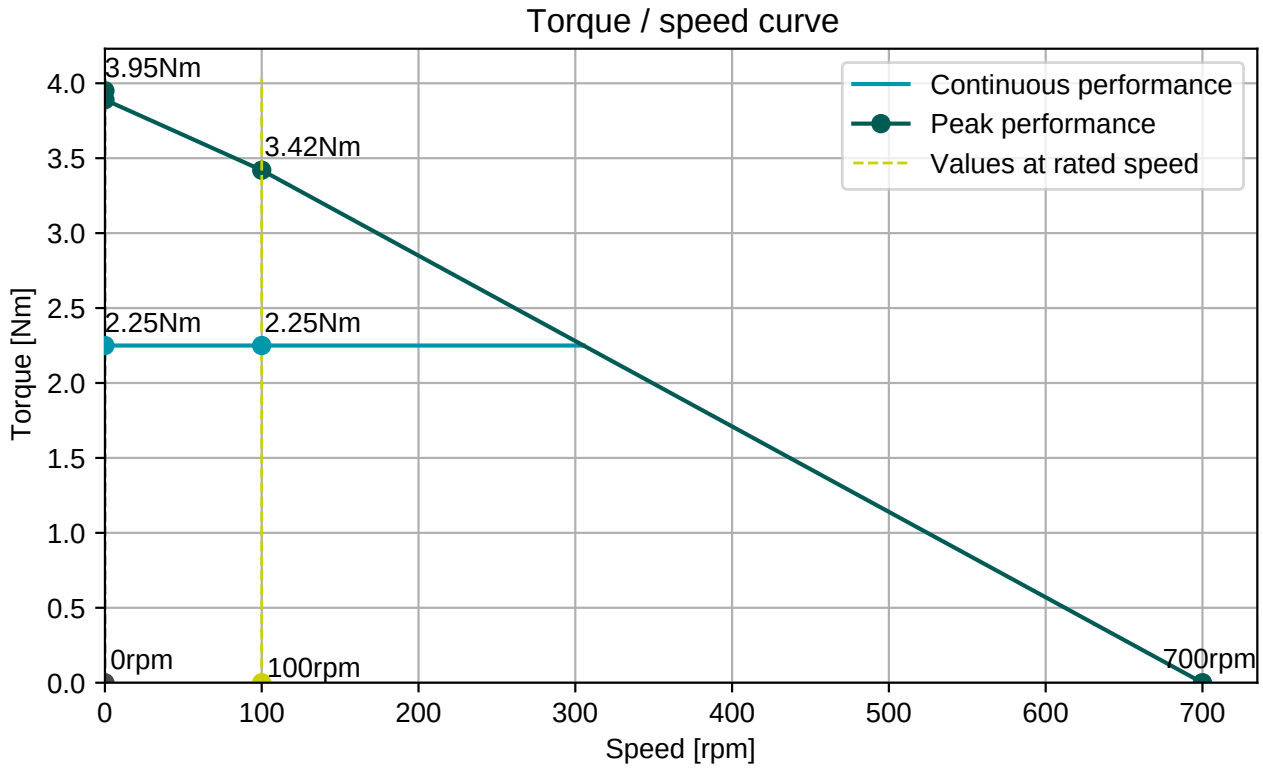
Engineering data (WIN 1661)		
DC bus voltage	24	V DC
Nominal AC voltage	17	V AC (rms)
Rated voltage	12	V AC (rms)
Rated power	24	W
Rated speed	100	rpm
Rated torque	2.25	Nm
Rated current	5.82	A (rms)
Peak torque	3.95	Nm
Peak current	10.2	A (rms)
Stall torque	2.25	Nm
Stall current	5.7	A (rms)
No load speed	700	rpm
EMF constant ±10%	24	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.397	Nm / A (rms)
Torque constant ±10% @ rated load	0.387	Nm / A (rms)
Number of poles	16	
Electrical time constant	1.49	ms
Winding terminal resistance	1.38	Ω
Rotary field terminal inductance	2.05	mH

Customs info	
HS Code	85015100

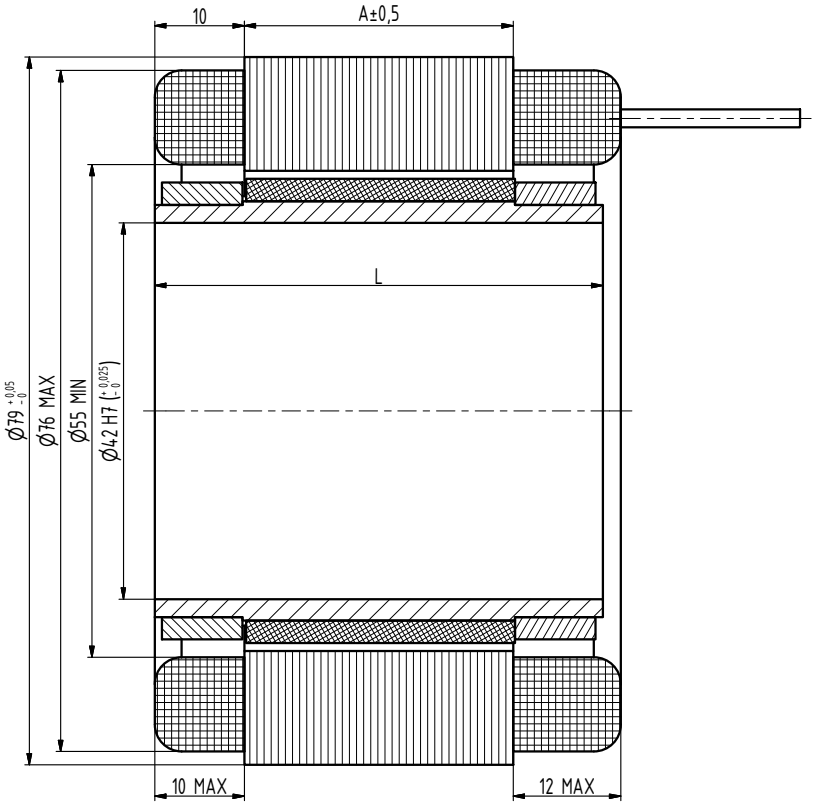
Mechanical data (setting 6)		
Max mechanical speed	2000	rpm
Mech. time constant	1.29	ms
Thermal time constant	28	min
Rotor inertia	0.85	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	0.75	kg

Sensors	
Temperature	PT1000 {PT1000}



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q1-0225	30	50
Q1-0375	60	80
Q1-0515	90	110
Q1-0700	120	140
Q1-0850	150	170

INDEX	ZMĚNA	DATUM	PODPIS
a	oprava rozměru pro 0850	7.11.17	RŠ

ZN.MAT.		T.O.	HMOTNOST kg	MĚŘ. 2:1
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 Q1

Q1000 00 Z a

Listů: List