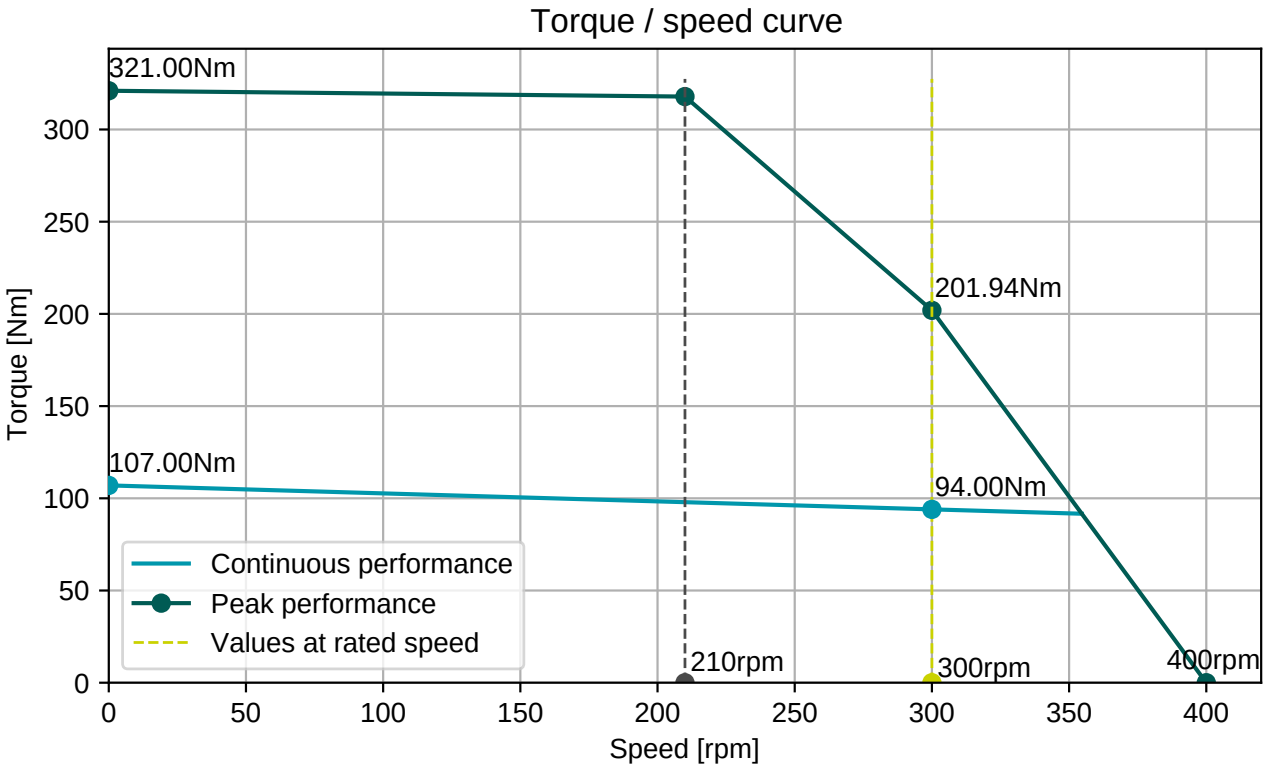
Engineering data (WIN 1138)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	280	V AC (rms)
Rated power	3.0	kW
Rated speed	300	rpm
Rated torque	94.00	Nm
Rated current	7.21	A (rms)
Peak torque	321	Nm
Peak current	28.4	A (rms)
Stall torque	107	Nm
Stall current	7.9	A (rms)
No load speed	400	rpm
EMF constant ±10%	816	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	13.5	Nm / A (rms)
Torque constant ±10% @ rated load	13.0	Nm / A (rms)
Number of poles	38	
Electrical time constant	4.81	ms
Winding terminal resistance	3.37	Ω
Rotary field terminal inductance	16.2	mH

Customs info	
HS Code	85015220

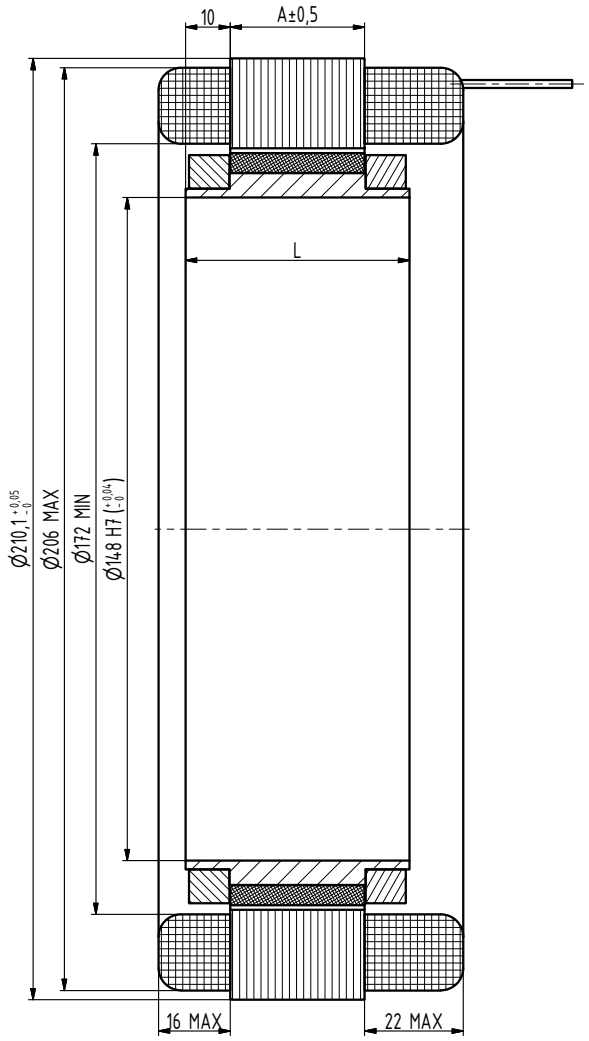
Mechanical data (setting 6)		
Max mechanical speed	12000	rpm
Mech. time constant	0.96	ms
Thermal time constant	33	min
Rotor inertia	300	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	15.8	kg

Sensors	
Temperature	PT1000 {PT1000}



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q5-0280	30	50
Q5-0545	60	80
Q5-0810	90	110
Q5-1070	120	140
Q5-1340	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
PŘEKR.				
TECHNOL.	SCHVÁLIL Ošlejšek	19.10.2016	STARÝ V.	Č.V.

NÁZEV
Motor Q5

Q5000 00 Z

Listů List