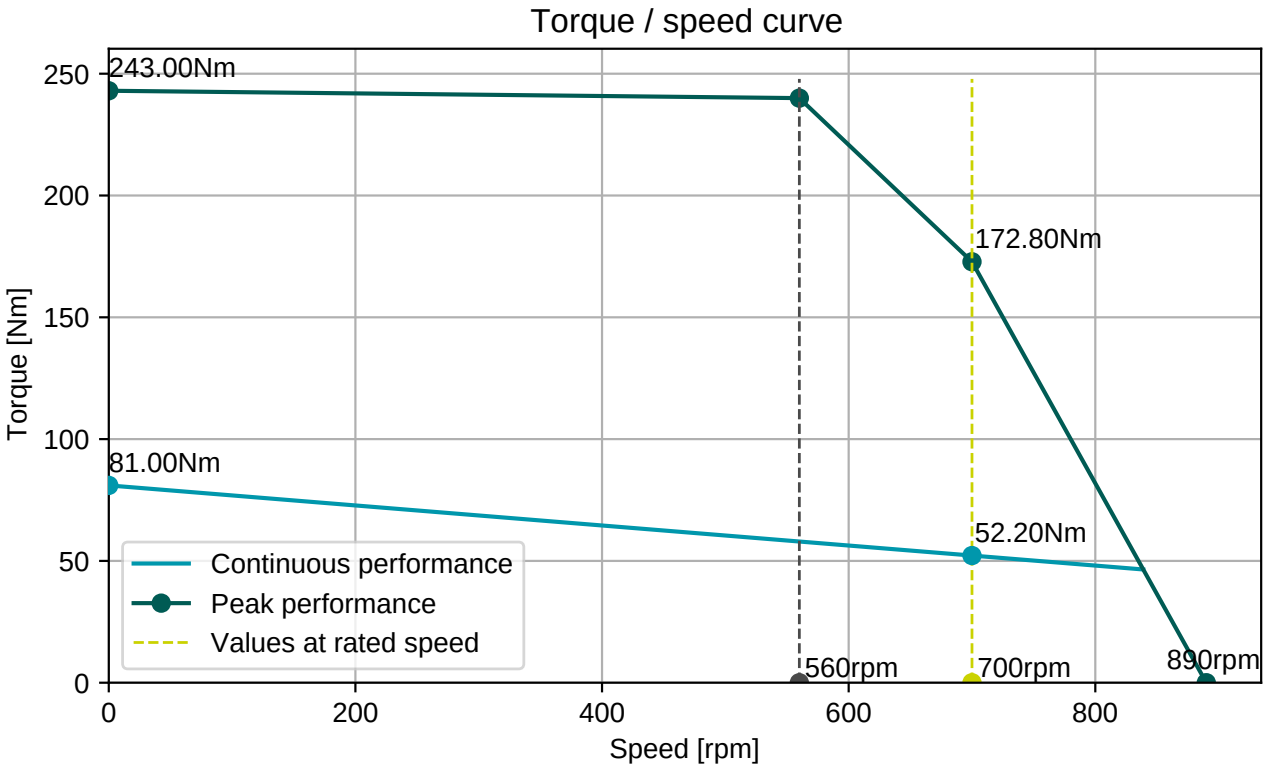
Engineering data (WIN -502)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	183	V AC (rms)
Rated power	3.8	kW
Rated speed	700	rpm
Rated torque	52.20	Nm
Rated current	13.58	A (rms)
Peak torque	243	Nm
Peak current	71.14	A (rms)
Stall torque	81	Nm
Stall current	19.83	A (rms)
No load speed	890	rpm
EMF constant ±10%	247	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.09	Nm / A (rms)
Torque constant ±10% @ rated load	3.84	Nm / A (rms)
Number of poles	38	
Electrical time constant	3.59	ms
Winding terminal resistance	0.46	Ω
Rotary field terminal inductance	1.65	mH

Customs info	
HS Code	85015220

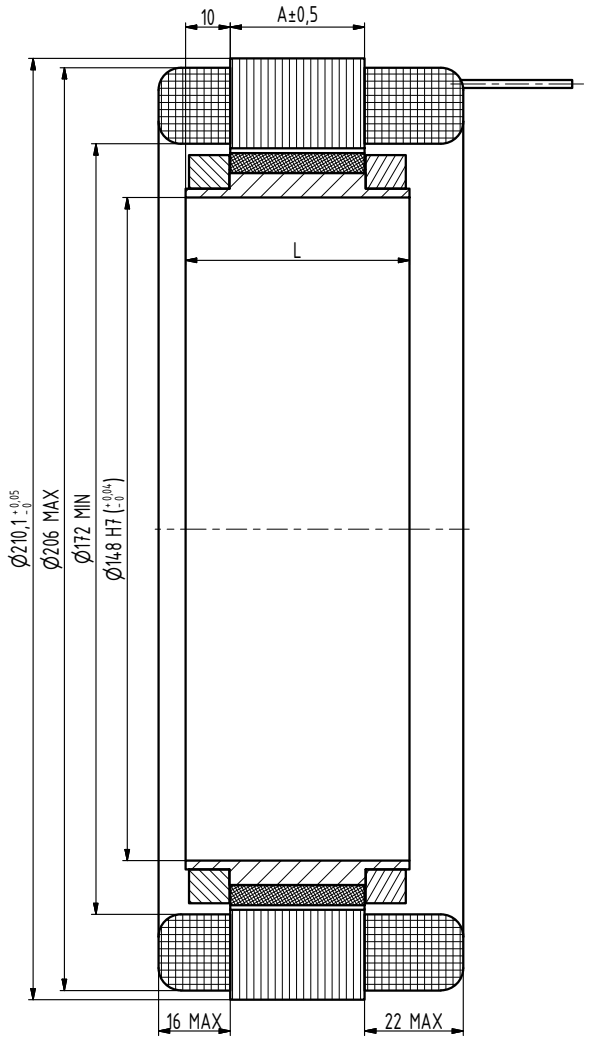
Mechanical data (setting 6)		
Max mechanical speed	4000	rpm
Mech. time constant	1.10	ms
Thermal time constant	71	min
Rotor inertia	230	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	11.5	kg

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