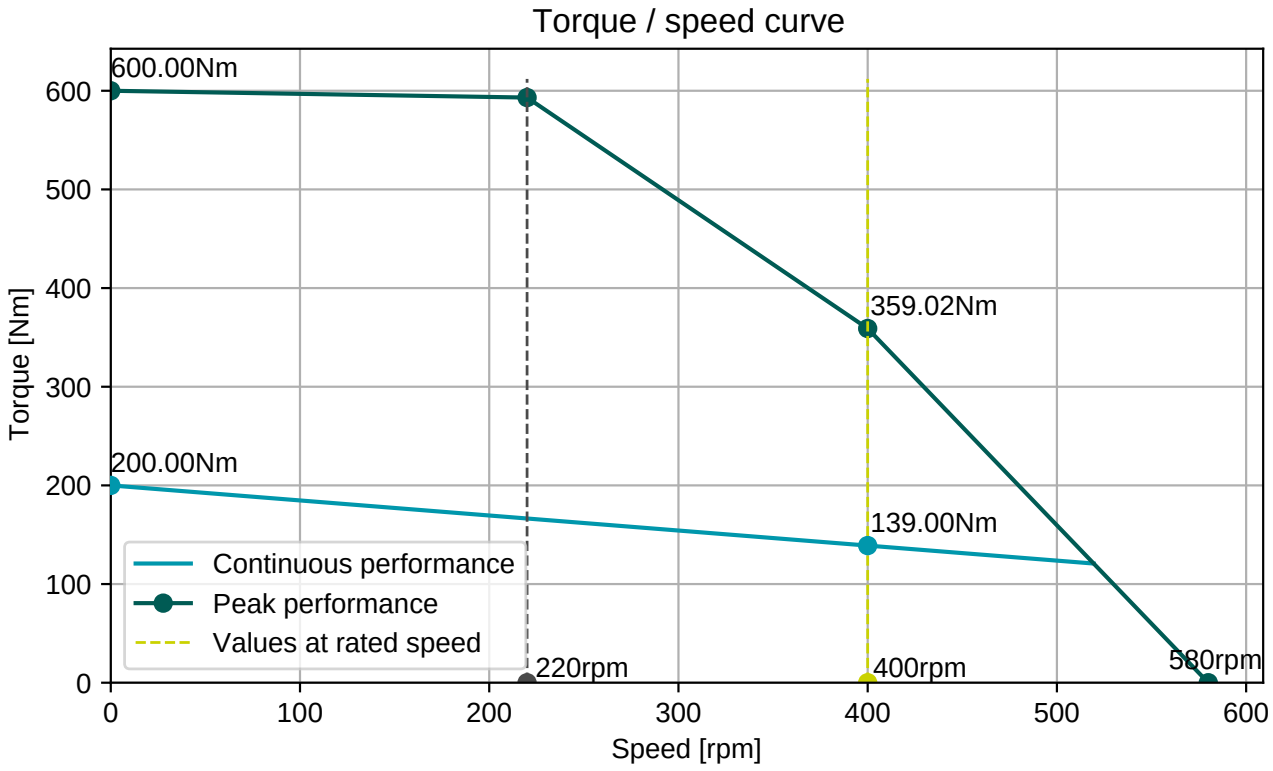
Engineering data (WIN -701)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	168	V AC (rms)
Rated power	5.8	kW
Rated speed	400	rpm
Rated torque	139.00	Nm
Rated current	23.09	A (rms)
Peak torque	600	Nm
Peak current	134.85	A (rms)
Stall torque	200	Nm
Stall current	31.65	A (rms)
No load speed	580	rpm
EMF constant ±10%	382	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	6.32	Nm / A (rms)
Torque constant ±10% @ rated load	6.02	Nm / A (rms)
Number of poles	52	
Electrical time constant	13.59	ms
Winding terminal resistance	0.17	Ω
Rotary field terminal inductance	2.31	mH

Customs info	
HS Code	85015220

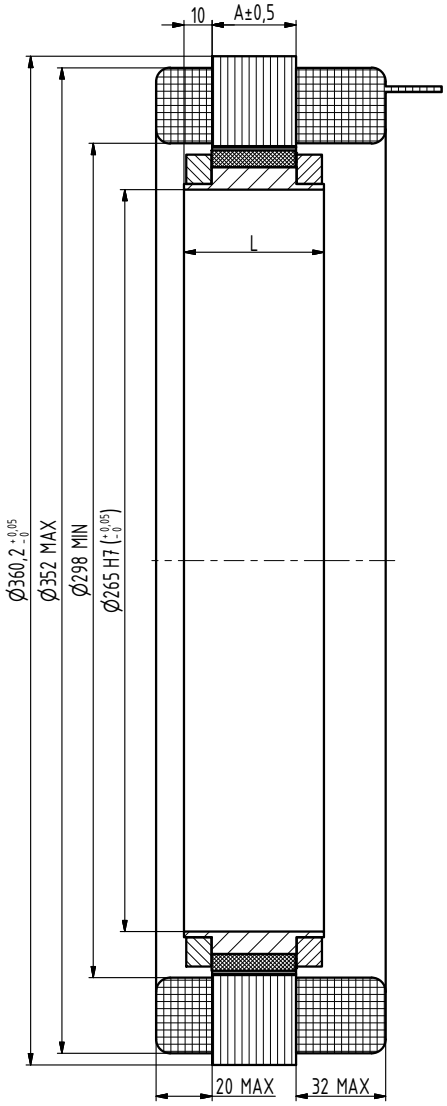
Mechanical data (setting 6)		
Max mechanical speed	2000	rpm
Mech. time constant	0.80	ms
Thermal time constant	69	min
Rotor inertia	1090	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	21.3	kg

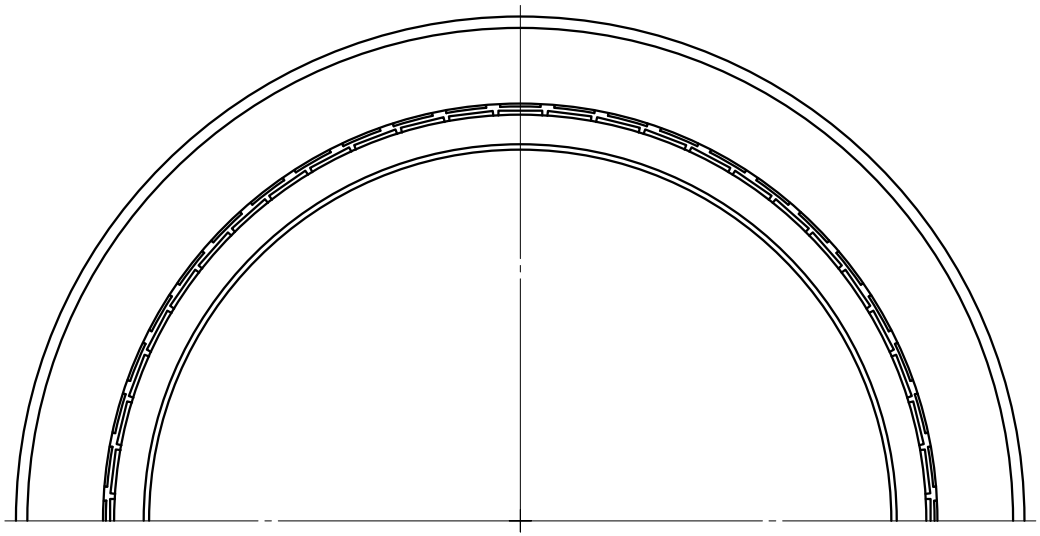
Sensors	
Temperature	PT1000 {PT1000}



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake





TYP	A	L
Q7-1050	30	50
Q7-2000	60	80
Q7-2900	90	110
Q7-3800	120	140
Q7-4690	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. Šimík 15.11.2017				
TECHNOL.	SCHVÁLIL Ošlejšek	19.10.2016	STARÝ V.	Č.V.

NÁZEV
Motor Q7

Q7000 00 Z

Listů List