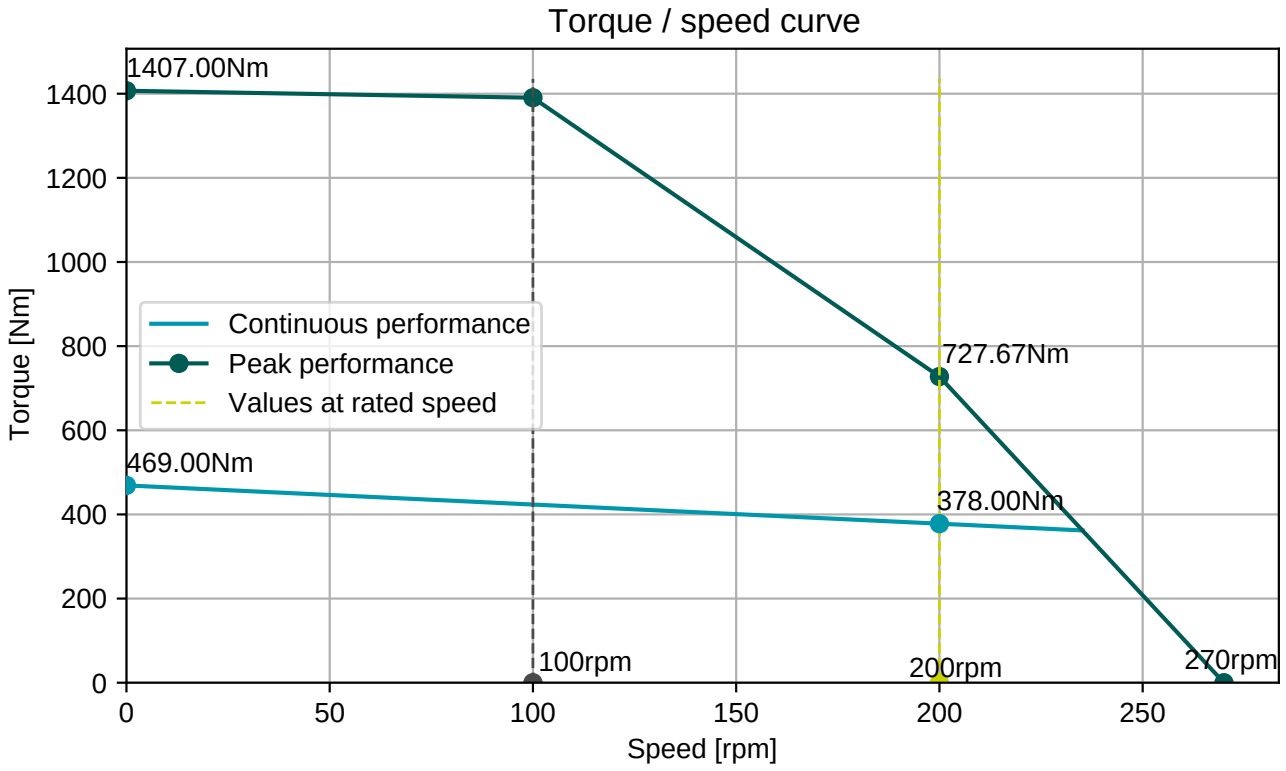
Engineering data (WIN -709)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	319	V AC (rms)
Rated power	7.9	kW
Rated speed	200	rpm
Rated torque	378.00	Nm
Rated current	16.92	A (rms)
Peak torque	1407	Nm
Peak current	85.67	A (rms)
Stall torque	469	Nm
Stall current	20.11	A (rms)
No load speed	270	rpm
EMF constant ±10%	1410	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	23.32	Nm / A (rms)
Torque constant ±10% @ rated load	22.34	Nm / A (rms)
Number of poles	52	
Electrical time constant	16.80	ms
Winding terminal resistance	0.75	Ω
Rotary field terminal inductance	12.6	mH

Customs info	
HS Code	85015230

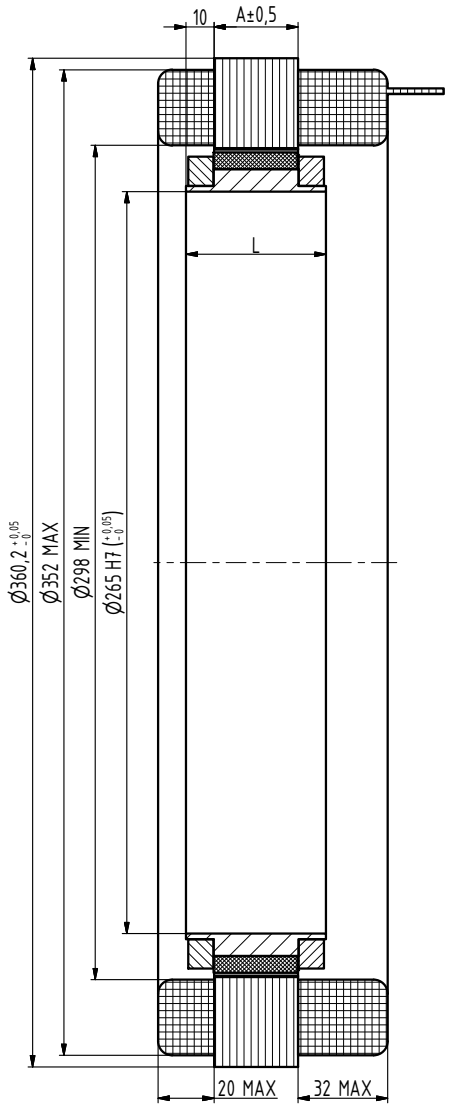
Mechanical data (setting 6)		
Max mechanical speed	2000	rpm
Mech. time constant	0.65	ms
Thermal time constant	102	min
Rotor inertia	2725	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	47.8	kg

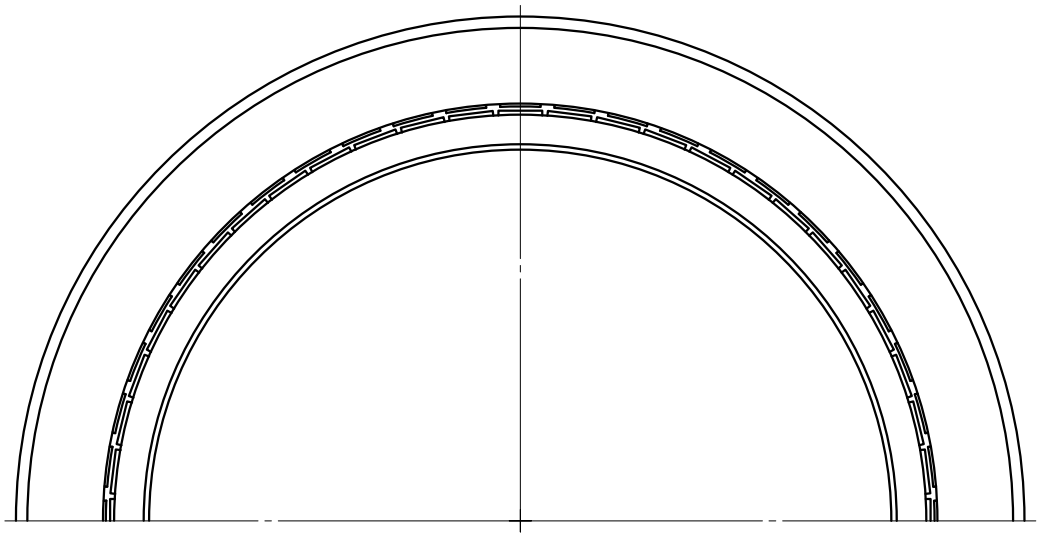
Sensors	
Temperature	PT1000 {PT1000}



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