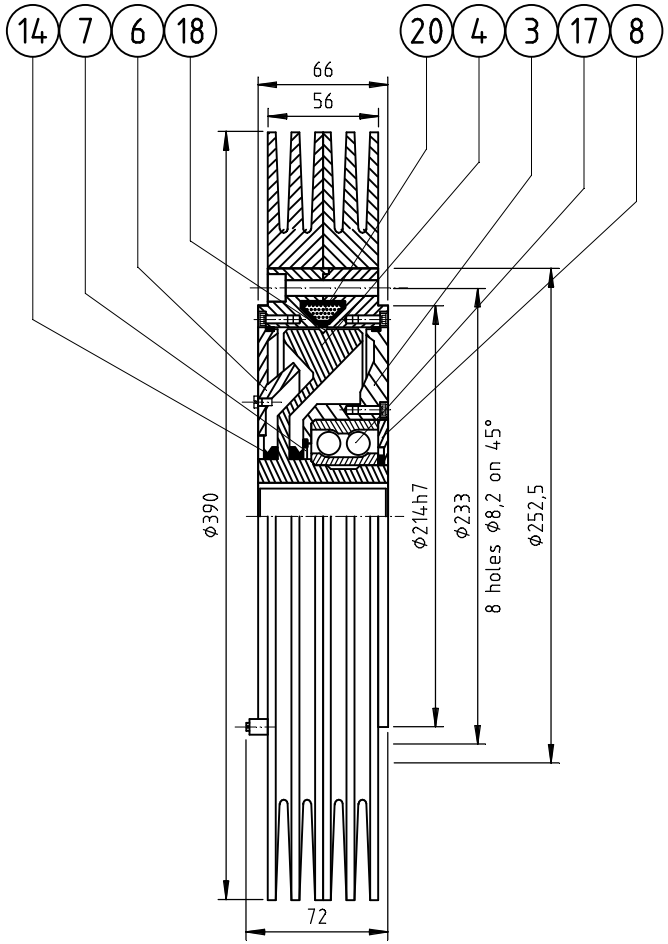

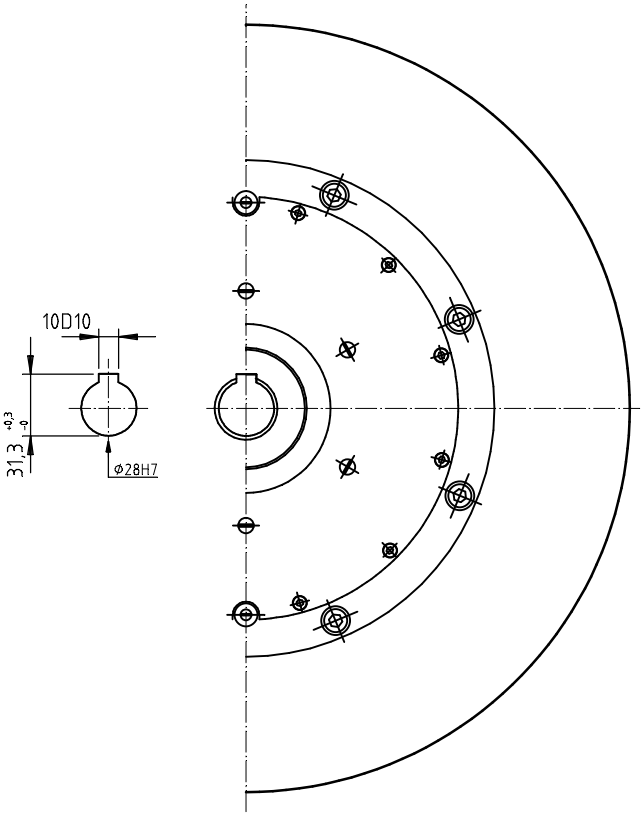

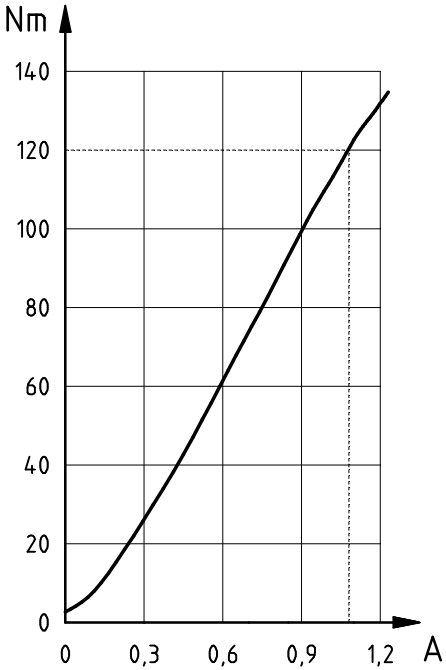

*) heat sink "R"

In order to avoid magnetic leakage flux and to achieve a good heat removal, non-ferrous metals should be used for installation or attachment of auxiliary components (not for drive shaft).

dimensions and specifications subjekt to change

Applicable for horizontal and vertical shaft position !

axial force is inadmissible 33500 N	admissible max. radial force: 6,7 kN

rated torque	residual torque	field values			resistance at 20°C	operating times		max. admissible power loss			mass moment of inertia		weight
		maximum values		rated current				0 min^{-1}	1000 min^{-1}	2000 min^{-1}	ext. rotor	int. rotor	
M_{max}[Nm]	M_{res} [Nm]	P [W]	U [V]	I_N [A]	R [Ω]	t_{on} [ms]	t_{off} [ms]	P_V [W]	P_V [W]	P_V [W]	J [kgm^2]	J [kgm^2]	m [kg]
120	2,4	55	24	1,1	12,5	760	685	300 550*	-	-	-	$26,5 \cdot 10^{-3}$	17,2 25,0*

item	amount	parts
3	1	bearing shell
6	1	housing cover slip ring side
8	1	bearing cover for bearing shell
4	1	internal rotor
20	1	field coil 24VDC
7	1	felt gasket
14	2	V ring gasket
17	1	ball bearing
18	-	air gap for magnetic powder

c				Datum	04.11.2010	Zeichnungsnummer/ drawing number	LIEDTKE Antriebstechnik	Type : FAT 1200RR 317 430 00	Komm.Nr
b				Bearb.	PAR	7.1082 RR E		* FRAT 1200RR 322 620 00	
a				Gepr.				RR: Remnant Rotor	Magnetic-particle brake-FRAT1200 RR
	Änderung	Datum	Name	Norm		Einbauort:	Ersatz fuer:	Ursprung: 09.08.2011	Blatt 3 / 1 Bl.