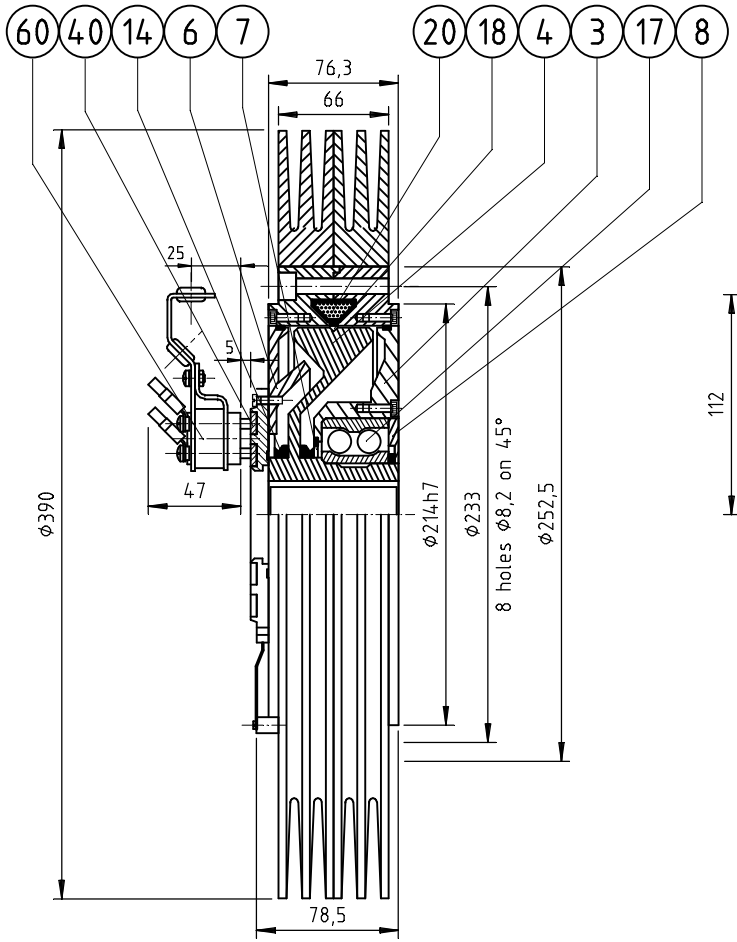

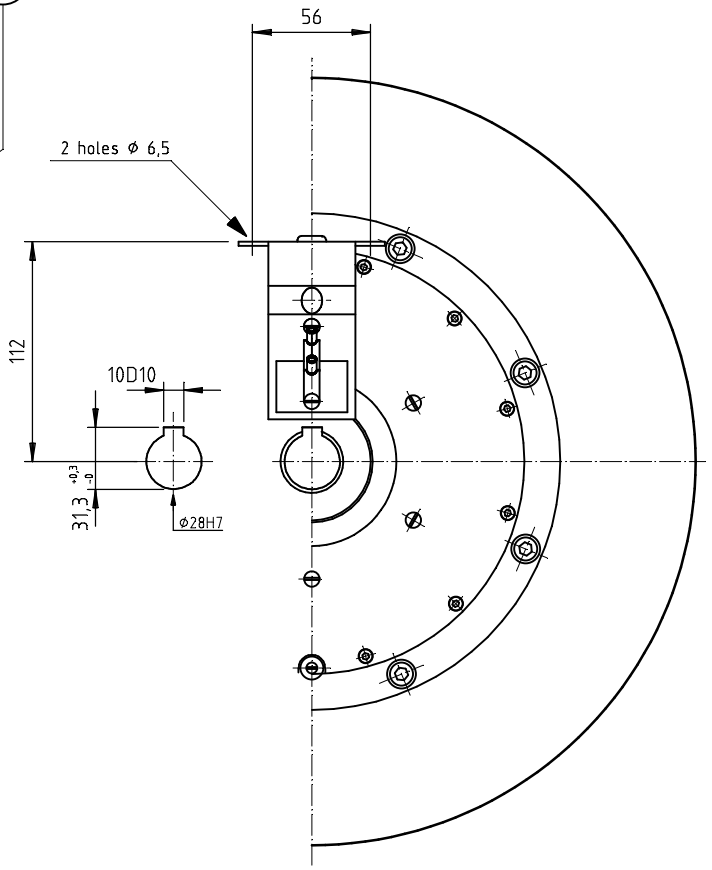

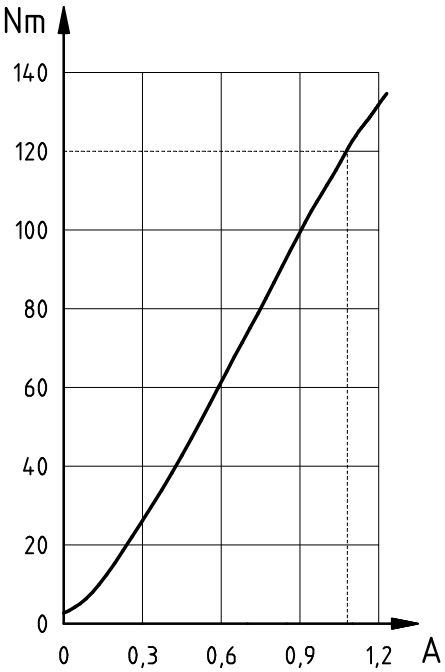

In order to avoid magnetic leakage flux and to achieve a good heat removal, non-ferrous metals should be used for installation or attachment of auxiliary components (not for drive shaft).

dimensions and specifications subjekt to change

Only applicable for horizontal shaft position !

rated torque	residual torque	field values			resistance at 20°C	operating times		axial force is inadmissible			admissible max. radial force: N		
		maximum values		rated current				max. admissible power loss			mass moment of inertia		weight
								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	1,2	55	24	1,1	12,5	760	685	300 550*	750 1600 *	975 2125 *	$109{,}0\cdot10^{-3}$ $233{,}4\cdot10^{-3}$*	$26{,}5\cdot10^{-3}$	17,4 25,4*

*) heat sink "R"

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
60	1	brush holder assy.
40	1	slipring
7	1	felt gasket
14	2	V ring gasket
17	1	ball bearing
18	-	air gap for magnetic powder

c				Datum	30.09.1993	Zeichnungsnummer/ drawing number		LIEDTKE Antriebstechnik	Type : EAT 1200 317 410 00	Komm.Nr
b				Bearb.	PAR	7.1088E			*ERAT 1200 322 800 00	
a		07.07.2010	PAR	Gepr.						Magnetic-particle clutch-ERAT1200
	Änderung	Datum	Name	Norm		Einbauort:	Ersatz fuer:	Ursprung: 09.08.2011		Blatt 3 / 1 Bl.