
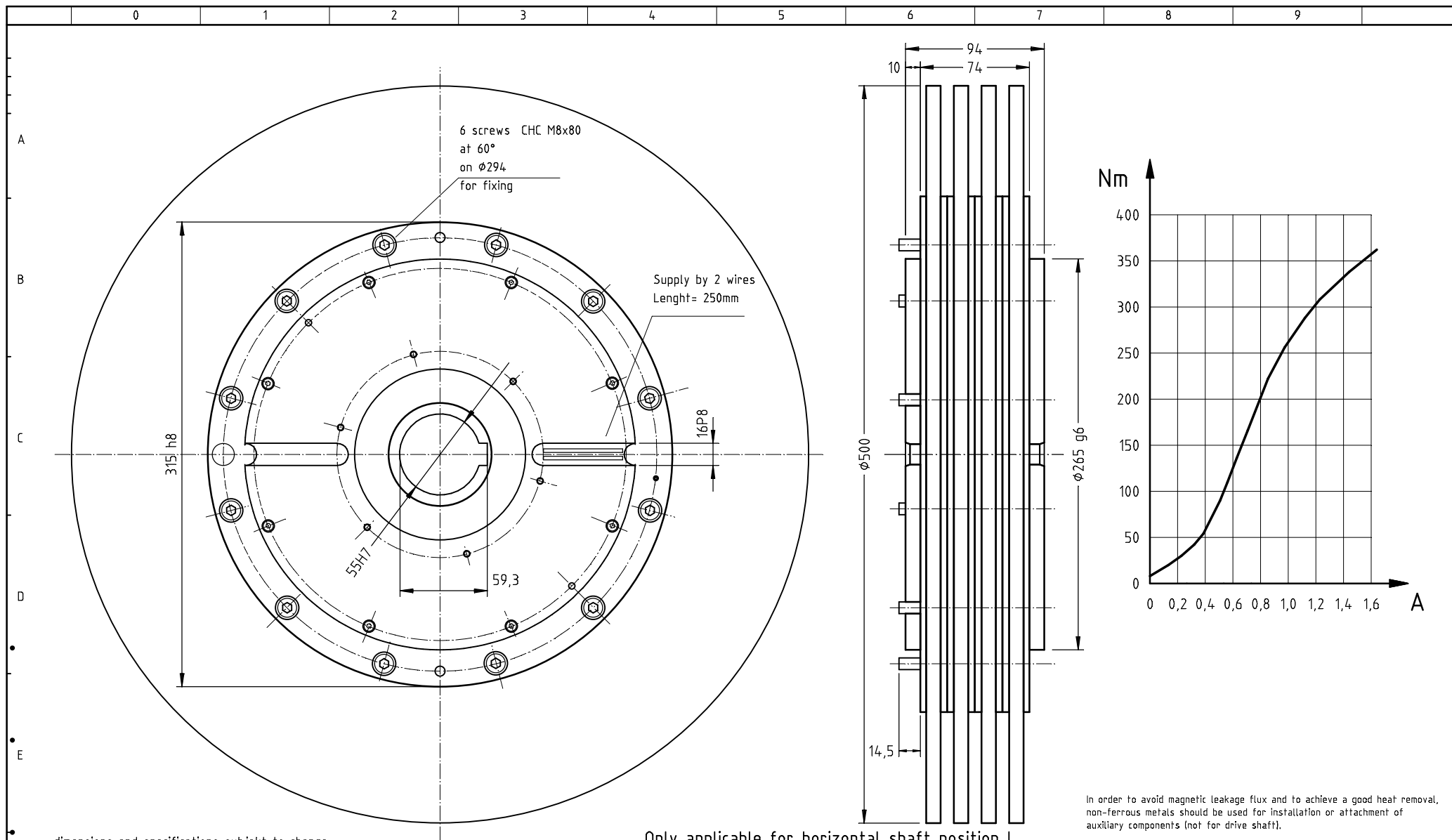


	0	1	2	3	4	5	6	7	8	9					
A															
B	<p>Please read carefully before starting operation !</p>														
C	<p>1. Should any damage occur due to disregard of the following instructions the guarantee expires and the manufacturer is free from any obligations. The device can only be employed under operations parameters not exceeding the nominal capacity of the clutch or brake. Maximum torque and highest permissible power loss must be stictly observed. The available voltage must correspond to the operation voltage indicated on the identification plate. When a clutch of the E(R)AT ... -Type is used, the distance between the brush holders and the slide ring must correspond to the measure indicated on the table of dimensions.</p> <p>If a brake is used, there is no slide ring and the connection is effectuated directly on the coil. Thereupon it must be checked that no body contact takes place.</p> <p>If a clutch or a brake is operated in an extremely dustladen place (soot, wood chip, paper or cement dust) a dust cover should be provided. In such a case an additional fan should allow reliable dissipation of the heat developped.</p>					<p>2. Installation :</p> <p>Installation of the device must be carried out with care in order to prevent damaging of bearing and packing. Any use of force impairs the function. The borehole present should be lightly smeared with a rust proofing grease. The system being lubricated for life, any other lubrication with oil or grease is not admitted as it would impair the performance of the device.</p>									
D						<p>3. Starting operation :</p> <p>Clutches and brakes should be taken into operation by means of short current pulses to allow proper distribution of the macnetic particles. Thereupon the rotor speed correspond to the use required.</p>									
E						<p>4. Dismounting, Repairs :</p> <p>Instructions for repair are supplied on request free of obligation. Upon disassembly of clutches and brakes any shock by knocks and shoves must be prevented. When removing the rotor a brace can be used.</p>									
F	<p>Storage : Clutches and brakes must be stored in a dry place and protected against corrosion. The device can only be stored in its welded plastic hull containing moisture absorbing chips.</p>														
c				Datum	29.12.1993	Zeichnungsnummer/ drawing number			operating instructions		Komm.Nr		Vertragsnummer		
b				Bearb.	KIPP	1.1232E									
a				Gepr.											
	Änderung	Datum	Name	Norm	Einbauort:	Ersatz fuer:	Ursprung:	18.09.2014	General-Information			Blatt 1			
												1 Bl.			



dimensions and specifications subject to change

Only applicable for horizontal shaft position !

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		t_{on} [ms]	t_{off} [ms]	0 min ⁻¹	1000 min ⁻¹	1500 min ⁻¹	ext. rotor	int. rotor	
M_{max} [Nm]	M_{res} [Nm]	P [W]	U [V]	I_N [A]	R [Ω]			P_v [W]	P_v [W]	P_v [W]	J [kgm ²]	J [kgm ²]	m [kg]
350	3,5	28,8	24	1,5	10	1100	1200	470 950* 3300**	-	-	-	89·10 ⁻³	38,0 53,0* 59,5**

*) heat sink "R"

**) Ventilator "V"

c			Datum	28.04.2005	Zeichnungsnummer/ drawing number		Type : FAT 3500 126 170 00		Komm.Nr			
b			Bearb.	PAR	7.1202E		* FRAT 3500 126 338 00					
a	07.07.2010	PAR	Gepr.				** FVRAT 3500 126 338 00 + 126 764 00					
Änderung	Datum	Name	Norm		Einbautort:	Ersatz fuer:	Ursprung:	22.8.1994	Magnetic-particle brake-FRAT3500		Blatt 3	1 Bl.

LIEDTKE
Antriebstechnik