

TECHNICAL SPECIFICATION

TWIN LIQUID STARTER

Stat. tariff No.: 85365080 (under 1000 V) - 85359000 (over 1000 V)

For three phase slip ring motor,

Starting time	ta	22	s	
Starting severity	f	0,97		
Starting torque	ma	169%		
Successive starts	z	3,0	from cold state,	
Periodic starts	h	1,0	number of starts per hour.	
Ambient temperature	max	45	°C	
Ambient temperature	min	0	°C	
Max altitude of site over NN.		1000	Meters	
Location				
Required water filling		1750	litres	
Circulation pump or agitator	yes			
Electrolyte	Na2CO3		for 3 fillings included	
Approx. Weight without liquid filling		1400	kgs	
Dimension drawing according		MZ 2024		
Class of Protection control cabinet	IP	54		
Class of Protection electrolyte tank	IP	42		
Painting according	RAL	7035		
Power supply	3x	400	V	
Control voltage	1x	230	V	
Frequency		50	Hz	
wiring according	SFE		SPECIAL	
For rated motor power	P	3300	kW	each
Rotor voltage	U20	1750	V	
Rotor current	I20	1140	A	
Breakdown torque	MK/MN	2,4		(*)
Nominal speed	nN	994	rpm	each
Mass of inertia Motor	J	530	kgm ²	(*)
Mass of inertia Load	J	1600	kgm ²	(*)

Referred to rated motor speed,

Application of the drive

BALL MILL TWIN-DRIVE

Liquid starter Type

FADAD200 U

Equiped with:

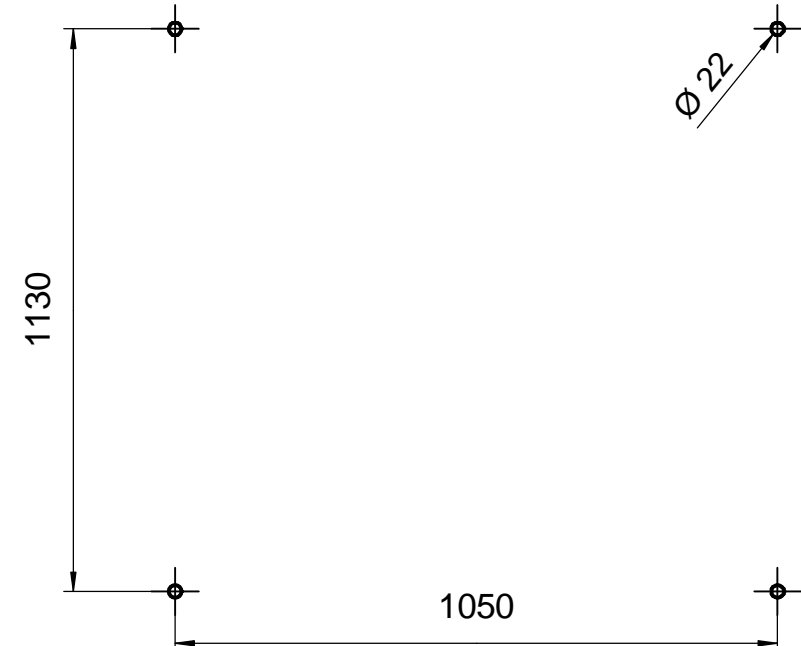
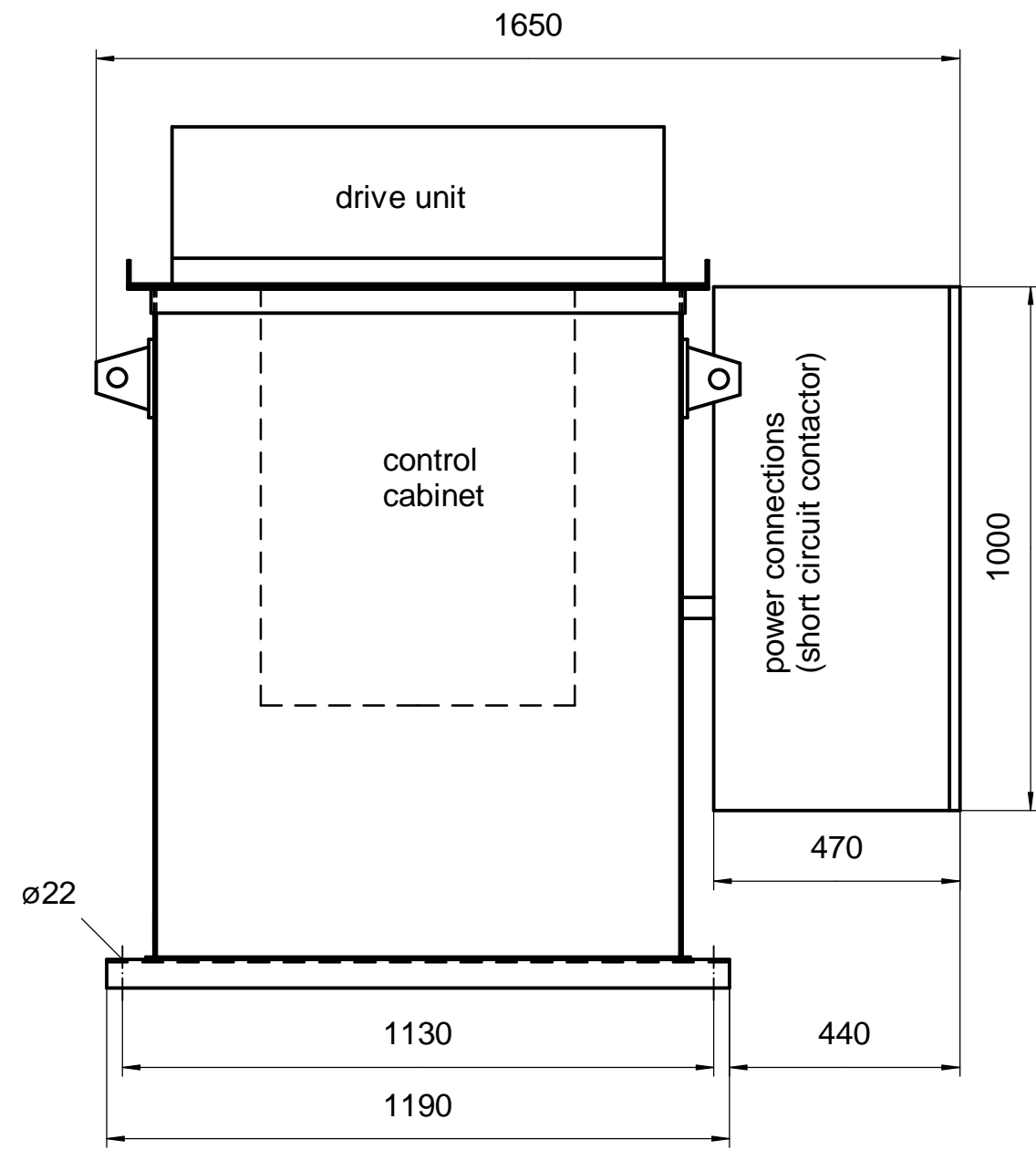
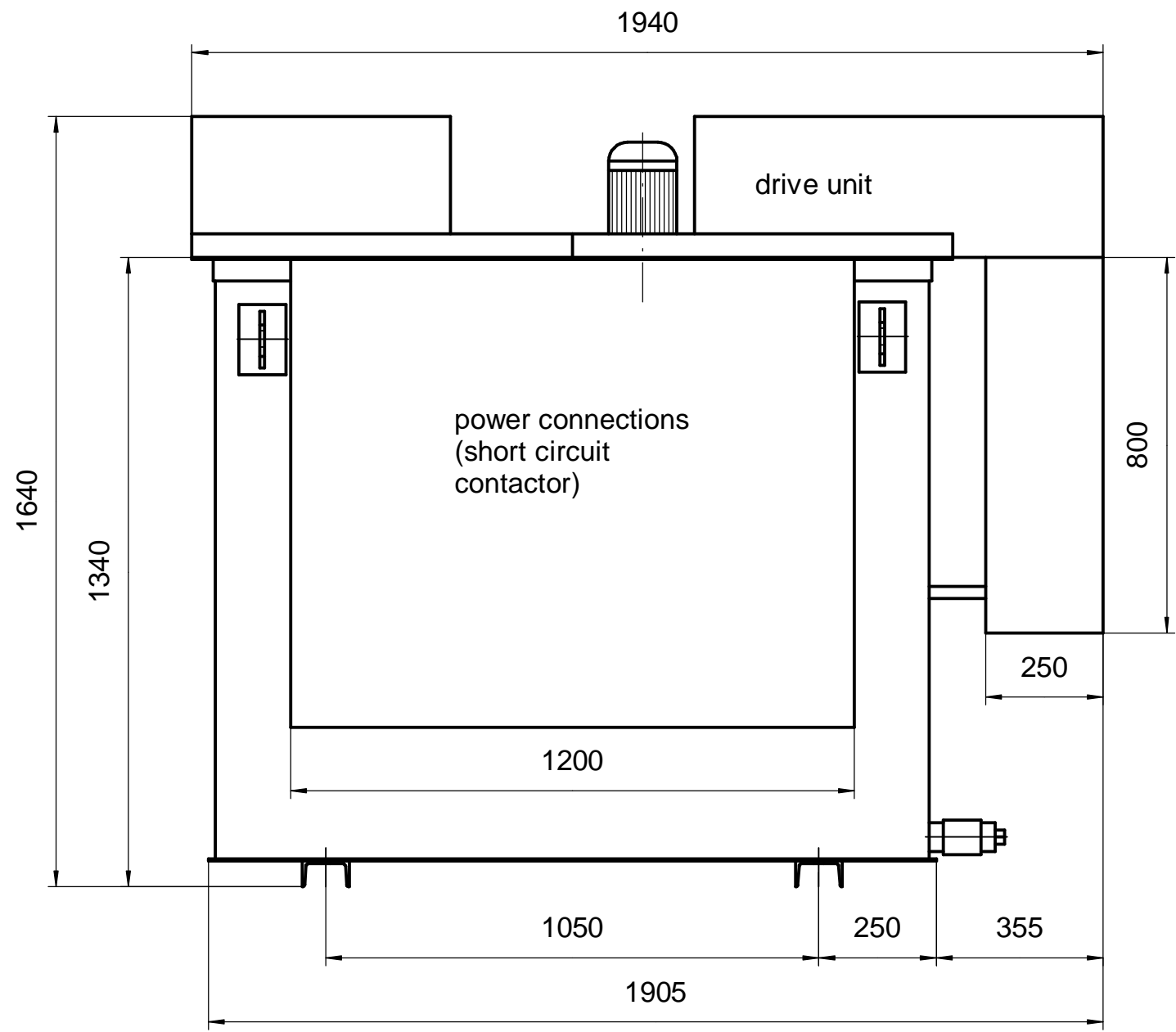
- | | |
|--------------------------|---|
| - Locked rotor control | - Max. Starting time |
| - Temperature monitoring | - Level monitoring |
| - Electrolyte heater | - Optimize starting current by electrode inverter drive |

In case of an order we need the data marked with (*).

The devices are equipped with our standard cable entry consisting of an undrilled plate.

Delivered with short-circuit breaker, but without water filling and without stator switchgear.

One set of standard documentation in German or English language are included in the prices.



weight ca.1400 kg
 filling ca.1500 li/kg
 Die Demontage des Anlassers erfordert die doppelte Gerätehöhe.
 Disassembling of starter needs the double of overall height.

		Oberfläche		Maßstab	
		Datum		Name	
		02.03.16		Derpa	
		Gepr.			
		Norm			
PAPE & OLBERTZ				Blatt	
D 50259 Pulheim				MZ 2024-16 0041	
Zust.		Änderung		Datum Name	