




TABLE


Pos.	Pos. old	Qty.	Part name	File name (new)	Part type	Specifications	Sht.
A1			small water turbine	oseg_swt_A1_small-water-turbiner.iam	production		1
A2			Cap machine presentation	oseg_swt_A2_small-water-turbiner.ipn	production		2
B			Cap machine parts-list	oseg_swt_B_parts-list.xls			3
1	AF311	1	front adaptor	oseg_swt_front-adaptor.ipt	production		4
2	AF312	1	left side frame	oseg_swt_left-side-frame.ipt	production		5
3	AF313	1	drain chute	oseg_swt_drain-chute.iam	production		6
3.1	AF313A		back plate	oseg_swt_back-plate.ipt	production		7
3.2	AF313B		front flange	oseg_swt_front-flange.ipt	production		8
3.3	AF313C		curved plate	oseg_swt_curved-plate.ipt	production		9
3.4	AF313D	2	side plate	oseg_swt_side-plate.ipt	production		10
3.5	AF313E		front plate	oseg_swt_front-plate.ipt	production		11
4	AF314(1)		nose	oseg_swt_nose.ipt	production	glass-fiber reinforced. Polyester termoset. Polyester resins 30% glass by wt.	
5	AF315A		stator blading	oseg_swt_stator-blading.ipt	production		
6	AF316A		rotor blading	oseg_swt_rotor-blading.iam	production		
6.1			rotor blading	oseg_swt_rotor-blading.ipt	production		
6.2			rotor washer	oseg_swt_rotor-washer.ipt	production		
7	AF318A		diffuser blanding	oseg_swt_diffuser-blanding.iam	production		
7.1			diffuser blanding	oseg_swt_diffuser-blanding.ipt	production		
7.2			diffuser washer	oseg_swt_diffuser-washer.ipt	production		
8	AF320A		bush	oseg_swt_bush.ipt	production		
9	AF321A		slotted disk	oseg_swt_slotted-disk.ipt	production		
10	AF321B		key	oseg_swt_key.ipt	standart	key 6 x 6 x 36.0	
11			Transmission (hub assembly)	oseg_swt_hub-assembly.iam	production		
11.1	AF322		shaft	oseg_swt_shaft.iam	production		
11.2	AF323A		hub housing	oseg_swt_hub-housing.ipt	production		
11.3	AF323B		front cap	oseg_swt_front-cap.ipt	standart		
11.4	AF323C		ball bearing	oseg_swt_ball-bearing.ipt	standart	bearing 206-SX adater and nut G-Y or equivalent estándar part	

Project Small water turbine			Created by D. Mosquera		Approved by D. Jeager		
Part Name small-water-turbiner			Part Code B		Document Type part-list		Material
Redesigned by 		Original drawing from Practical ACTION		License CERN-OHL		File Name oseg_swt_A2_small-water-turbiner	Version 1.0
				Scale		Sheet 4	Quantity 1
						Date 18.01.21	



TABLE

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11.5	AF323D		seal	oseg_swt_seal.ipt	standart		
11.6	AF324		big sprocket	oseg_swt_big-sprocket.ipt	standart	brownign 40P60 - 1/2" pich - 60 teeth - Dia.: 9.55"	
11.7	AF325		small sprocket	oseg_swt_samll-sprocket.ipt	standart	brownign N° 4024 - 1/2" pich - 24 teeth - Dia.: 3.83"	
11.8	AF326		chain	oseg_swt_chain.ipt	standart	brownign N° 40 - 1/2" pich N° 40	
	AF323		bolt 3/16" x 32 x 5/16"		standart		
12	AF327		frame	oseg_swt_frame.iam	production		
12.1	AF327A		side angles	oseg_swt_side-angles.ipt	production		
12.2	AF327B		top angle	oseg_swt_top-angle.ipt	production		
12.3	AF3227C		top plate	oseg_swt_top-plate.ipt	production		
12.4	AF3227D		bar	oseg_swt_bar.ipt	production		
12.5	AF3227E		foundation plate	oseg_swt_foundation-plate.ipt	production		
13	AF328		oil bath cover	oseg_swt_oil-bath.iam	production		
13.1			plate front cover	oseg_swt_plate-front-cover.ipt	production		
13.2			band side cover	oseg_swt_band-side-cover.ipt	production		
13.3			plate down cover	oseg_swt_plate-down-cover.ipt	production		
13.4			brake angle cover	oseg_swt_brake-angle-cover.ipt	production		
13.5			brake bar cover	oseg_swt_brake-bar-cover.ipt	production		
14	AF329		back oil bath cover	oseg_swt_back-oil-bath-cover.i am	production		
14.1			plate back cover	oseg_swt_bar-for-plate-front.ipt	production		
14.2			bar for plate front	oseg_swt_plate-back-cover.ipt	production		

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		File Name oseg_swt_A2_small-water-turbiner		Version 1.0	
		Scale		Quantity 1	
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Pos.	Pos. old	Qty.	Part name	File name (new)	Part type	Specifications	Sht.
D 15	AF330		Generator	oseg_swt_generator.ipt	standart	5 KW; 115-230 V;21,5 A; 60Hz	
16	AF331A	20	bolt 5/8"x12 - 2 1/2"		standart		
17	AF331B	20	nut 5/8"x12		standart		
18	AF331C	20	plain washer 5/8"		standart		
19	AF332A	4	bolt 1/2"x12 - 1 1/2"		standart		
20	AF332B	4	nut 1/2"x12		standart		
21	AF332C	4	plain washer 1/2"		standart		
22	AF333A	4	bolt 9/16"x12 - 2"		standart		
23	AF333B	4	nut 9/16"x12		standart		
24	AF333C	4	plain washer 9/16"		standart		
25	AF333D	4	lock washer 9/16"		standart		
C 26	AF334A	1	bolt 3/8"x16 - 2"		standart		
27	AF334B	2	wing nut 3/8"x16		standart		
28	AF334C	1	plain washer 3/8"		standart		
29	AF334	4	ALIGNMENT-PIN		standart		

B

B

A

A

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				File Name oseg_swt_A2_small-water-turbiner	
				Version 1.0	
				Quantity 1	
				Scale	
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