

Tampella

Pulping and Paper Machinery Group
Stock Preparation Systems
Dept 464/VV/mh

February 23, 1989

Stone Container Corporation
Uncasville, Connecticut

Furnish Pulper

TECHNICAL SPECIFICATION

1 ea TAMPELLA PULPER HD6100GK 20' ϕ

Dimensioning data

Continuous operation

- stock OCC
- capacity 560 TPD
- removal of baling wires By Ragger
- slushing consistency 4,5 %
- temperature 150 °F
- dwell time 9 min

Construction and materials

- in principle according to dwg 3275651
- stock-contacted parts are of stainless steel AISI 316 or equivalent, supports and stiffeners carbon steel
- rotor, dia 83 in, 146 rpm
- rotor shaft sealing with packing
- sealing water amount 3.1 gpm, pressure 15 to 30 psi clean water
- periodical rinsing water for rotor 27 gpm, pressure max. 28 psi, white water

- screen plate
 - hole diameter 5/16 in.
 - open area 50 %
 - plate thickness 0.8 in.

- vat
 - diameter 240 in.
 - net volume 2400 ft³
 - gross volume 2900 ft³
 - wall thickness, cyl. part 0.2 in.
 - " " , con. part 0.3 in.
 - the vat is delivered in 6 parts

Required drive motor

- horizontal foot motor, 700 HP, 1200 rpm
- drive motor is not included in the delivery

Equipment

- gear drive
- coupling with guard
- nozzles for level transmitter, junk tower and Tamtrap

Net weights

- vat 26,500 lbs.
- rotor unit without motor 8,530 lbs/ea.

Surface treatment of painted parts per Specification
7641-MSP-1

Donner

02470

02200 (86.6")

A Reken

1/3

#1

CLEARANCE BETWEEN WEARING PLATE
AND HUB .08"-.12" (2-3 mm)

LOCKING WELD

LOCKING WELD

LOCKING WELD

Locking weld

Field weld

LOCKING WELD

Field weld

1/2"

SCREWS SEALED WITH SILASTIC 738 RVT

LOCKED WITH LOCTITE No. 270

- 5
- 6
- 4
- 19
- 20
- 21
- 3
- 38
- 36
- 12
- 28
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- 15
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- 29
- 13
- 16
- 17

36

34

35

56

55

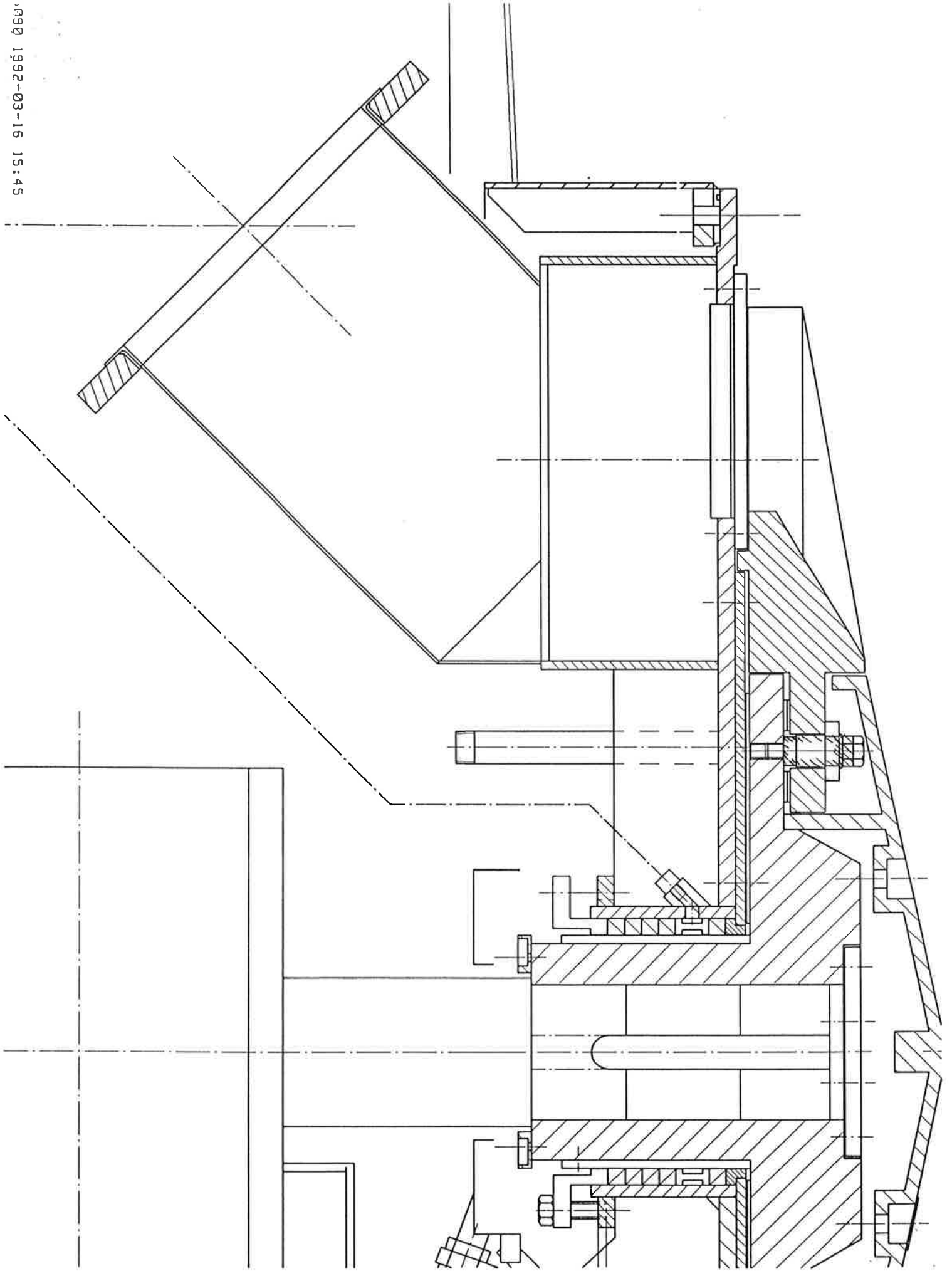
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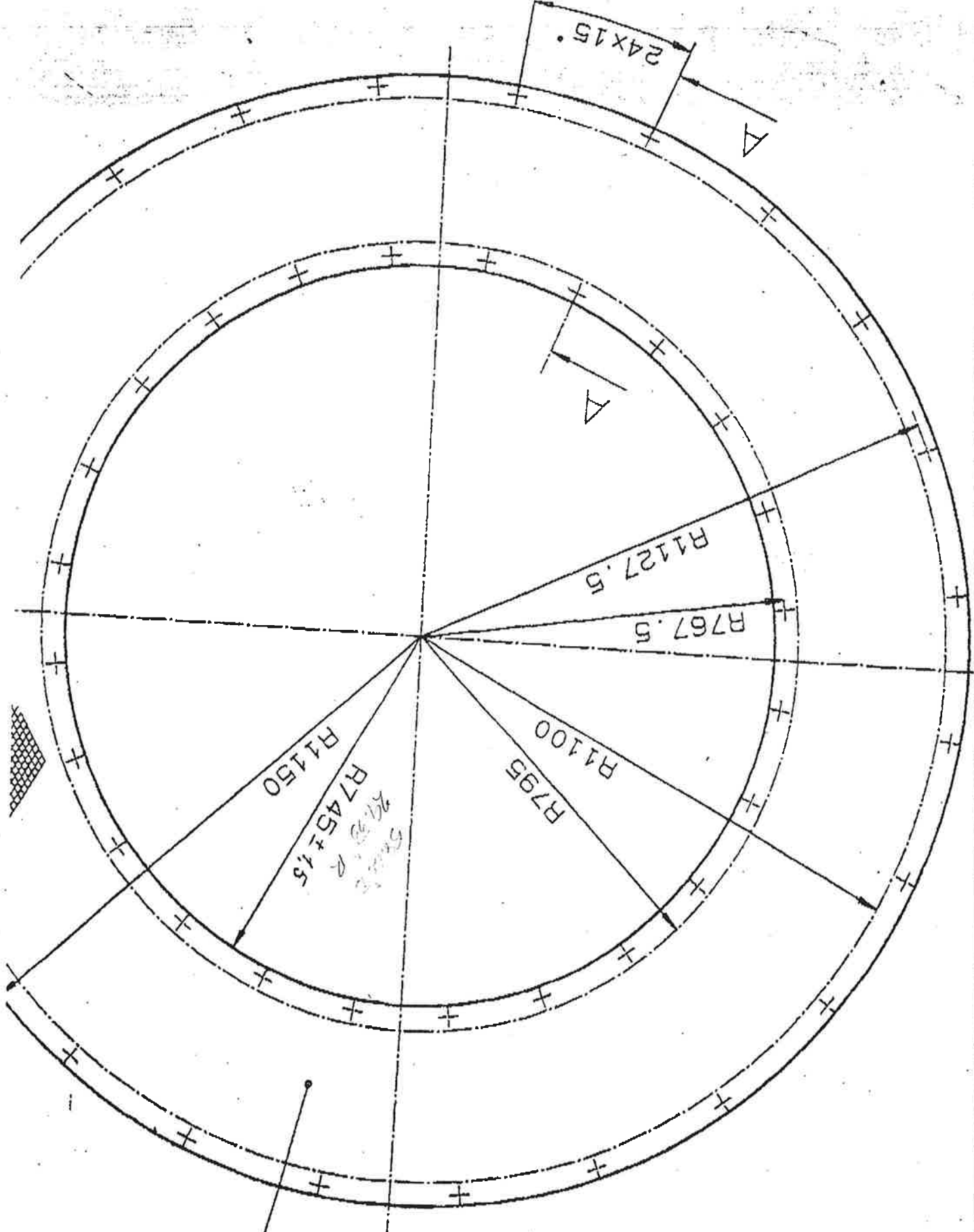
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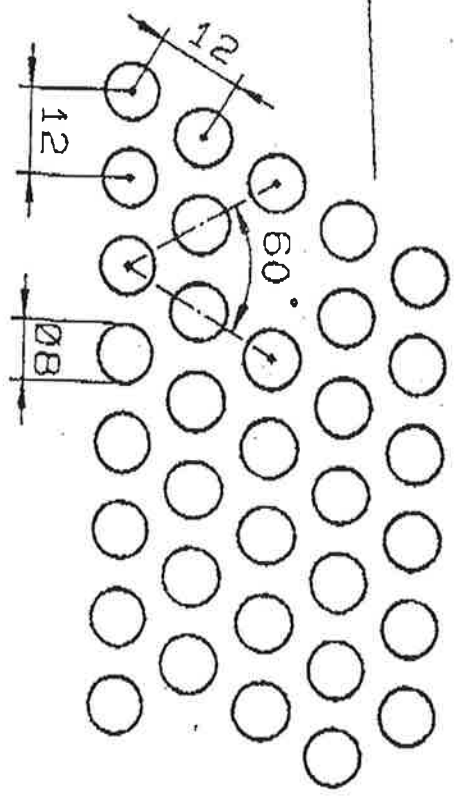


NET LIETTY AI
 REI'ÄT EIVÄT
 KEHÄN SUUNTA.

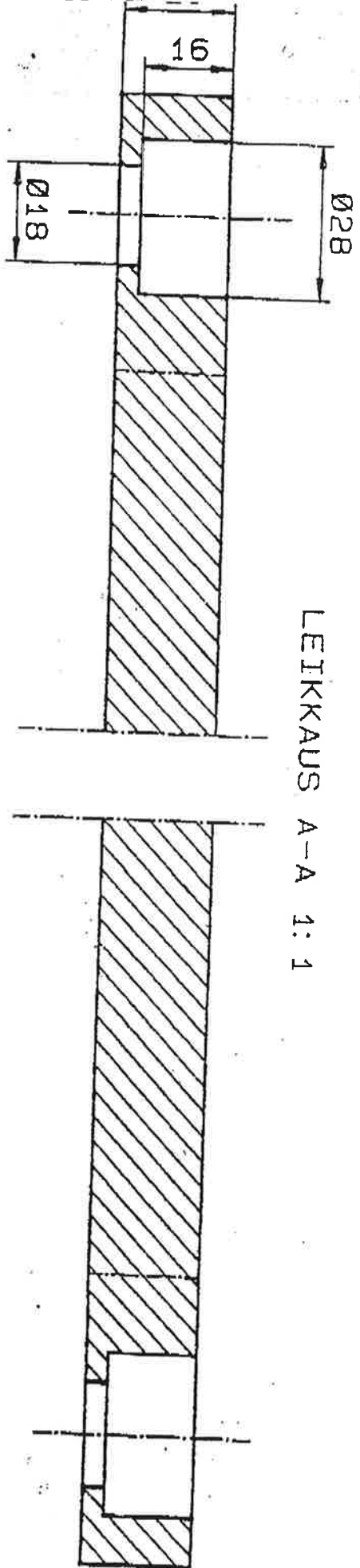
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1:1 1:1

VERSIO B AVOIN ALA 40%
REIKIÄ N. 15000 KPL



LEIKKAUS A-A 1:1



t/c



MACHINERY AND ENGINEERING GROUP
TAMPERE

DEPARTMENT

1/5/5

LIST OF PARTS

Part No.	Name of the Part Name, Dimensions and Quality of Material or Specs	Drawing No. Code	Sub-part No.	Amount/Unit	Unit	Comp'd weight /kg	Per/line	Supply Code	Notes
1	BOTTOM PIECE HD2200B	00655090	LP	1		2270	1		
2	ROTOR 2200 PS100/90	159271		1		2000	1		
3	ROTOR HUB	225252		1		725	1		
4	ROTOR CAP	121538		1		190	1		
5	SCREEN PLATE D/T 15/26	258187		1		500	1		
6	WEARING PLATE	452400		1		170	1		
7	BOTTOM RING HD2200	3M00167	LP	1		370	1		
8	FLANK REDUCER 467ZBX2-S RATIO 8.296:1,300	4651-0582-001		1			1		
9	SUPPORT TO GEAR 2PKS99E DWG 3M00165	4651-0076-001		1		1700	1		
10	BASEPLATE 2230X1780	258170		1		500	1		
11	PROTECTION COVER	D733141		1		90	1		
12	DOWEL	433449	S	2		40	2		
13	SLEEVE METOD 16D/SS23A2	492407		1		28	1		
14	RING	452399		1		15	1		
15	WATER RING	367607		1			1		
16	PACKING RING 345/395 PIPE-BX	7110781M		1			1		
17	OLAND	367608		1			1		
18	WASHER DRWG NO. 433442/1	433442/1	S	1			1		
19	WASHER DRWG NO. 433442/2	433442/2	S	1			1		
20	WASHER DRWG NO. 433442/3	433442/3	S	1			1		
Name: ROTOR UNIT HP1200G Subsection: 18 Constr. Gr.: 19		Drawn: 520113 MLE Assembly Dwg Nos: 60655060		Checked: 22 Approved: 23		No. of List: 28 Work No.: 065090		No. of Sheets: 30 Sheet: 29	
Comp'd wt. /ea.: TAMPELLA-PULPER Product: 20		Print out Date: 520027 Customer: ICCONT		Series: 34 TIMES		No. of List: 28 Work No.: 221-072			

#2 *Bojars*

Part No.	Name of the Part Name, Dimensions and Quality of Material or Goods	1	2 EN	3	4	5	6	7	8	9	10	11	12	13	14	Notes
Part No.	Name, Dimensions and Quality of Material or Goods	1	2 EN	3	4	5	6	7	8	9	10	11	12	13	14	Notes
3	4															
1	PLUG DRWS NO.433433															
2	ROLLING WATER COLLECTOR															
24	FLINGER RING D=345/235															
25	COUPLING GUARD															
27	RUBBER BAND 6 SS 16 26 30 324															
28	SOCKET D733144															
29	COVERING PLATE															
30	FLOWMETER, ASSEMBLY															
31	PUSHING 1/2X1/4 NPT AISI316															
32	HEX SOC SET SCREW CUP POINT 7/8X1/2															
33	HEX SCREW 1 1/2UNCX4															
34	HEX SOC HD COP SCREW 1/2UNCX1.5															
35	HEX SCREW 1 UNCX5															
36	PROJECT SCREW 5/8UNCX1 1/4															
37	HEX BOLT 1UNCX3															
38	HEX SCREW 1UNCX2 1/2															
39	STUD 3/4UNCX100															
40	LOCKING NUT 3/4UNC															
47	HEX SCREW 1 1/4UNCX3 1/2															
48	SHIM PLATE 100X1750															

Name: ROTOR UNIT
 Subsection: 17
 Constr. Gr.: 18
 Product: 19
 /ea.: 20
 Print out Date: 21
 Customer: 31
 Account: 32
 Series: 33
 TIMES: 34
 No. of List: 28
 Work No.: 35
 Checked: 22
 Approved: 23
 Sheet: 29
 Sheets: 30

Part No.	Name of the Part Name, Dimensions and Quality of Material or Goods	Drawing No Code	Sub-part No.	Amount	Unit	Pos. No.	Supply Code	Notes
4								
52	KEY ANCHOR M10 S15/45-8.9-50	533300100		1				
53	WATER PRESSURE HOSE LOW 10064 4064	150000000		1				
54	HOSE CLAMP 65 SMS2258 PISTON	16245100		1				
55	SCREW 2 UNC	4817004		1				
56	ADJUST NUT DW6 453451	453451	5					
57	LIFTING EYE BOLT 1UNC TAN842 018	10270650		1				
58	HEX SOC HD CAP SCREW 3/8UNCX3/4 11008008	45215530		1				
59	SHIM PLATE 100X1540 8=5	4817500		1				
60	ADJUSTING SCREW M20X200 D312954/2	19142530		1				
61	WASHER TAN8412 D717500	19142530		1				
62	HEX SCREW 3/8UNCX1 95A818.2.1-84-80	45107870		1				
63	HEXAGON NUT 3/8 UNC 95A818.2.200-80	41190020		1				
64	PLAIN WASHER 35 412028/1	53569570		1				
65	COUPLING GUARD FOOT	8651-0109-002		1				
66	COUPLING GUARD FOOT	4551-0109-005		1				
67	GEAR COUPLING FALK 1025552	4551-1085-001		1				

1	Name	17	ROTOR UNIT H022005	
2	Subsection	18		
3	Const. Gr.	19		
4	Product	20	TAMPPELLA-PULSIT	
5	Print out Date	32	920327	
6	Customer	33	TCCOINT	
7	Drawn	21	920315 N.M.	
8	Assembly Drwg Nos	22	8055050	
9	Corresp.	25		
10	Nov	26		
11	Sheets	28		
12	No. of List	29	1	
13	Work No.	30	0855050	
14	Series	34	TIMES	
15	Work No.	35	221-072	