



ANDRITZ AHLSTROM Inc - PMB
Ridge St, Glens Falls, NY 12801
Telephone (518)745-2802 Telefax (518)745-2858

MAIN SPEED REDUCER ARRANGEMENTS

A-LINE	Arrangement
Speed Reducer #1 #T94002	Fig. No. - 24
Speed Reducer #2 #T94022	Fig. No. - 18
B-LINE	Arrangement
Speed Reducer #1 #T94003	Fig. No. - 24
Speed Reducer #2 #T94023	Fig. No. - 18



a good name in industry

GEAR DRIVE
PARALLEL SHAFT
TYPE A * SIZE 485 * DOUBLE REDUC

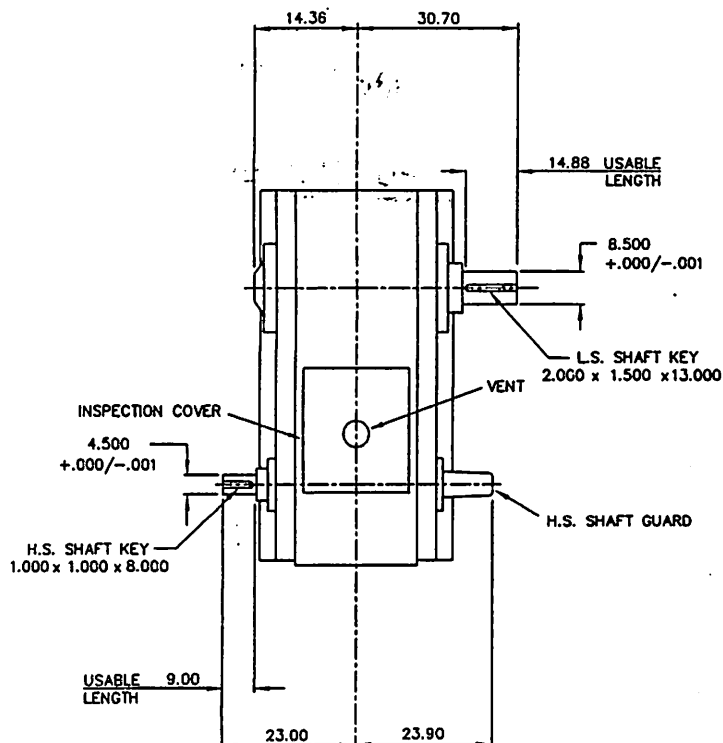
DWG. NO.: 00067907/01

DIMENSIONS: INCHES

DATE: 08/11/2000

CERTIFIED PRINT FOR: AHLSTROM MACHINERY INC

PREPARED BY: Doug Hughes



400 FIBERFLOW DRUM

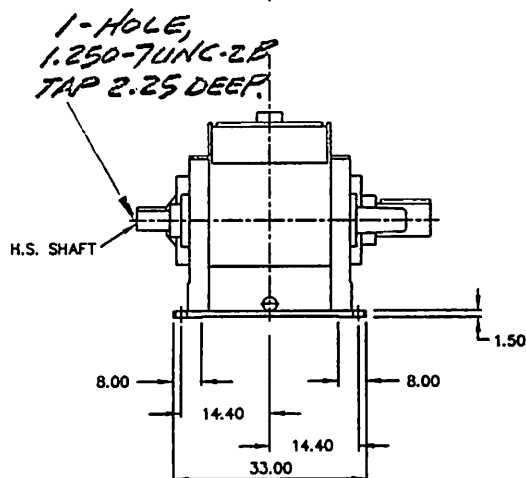
ABGS PROJECT NO. AFCP-001
CLIENT: ALLIANCE FOREST PROD. U.S. CORP.
P.O. NO. 445002
EQUIP. NO. T94003 (2A-LINE)
T94023 (2B-LINE)
DESCRIPTION: REDUCER PULP DRUM

FOR MOUNTING OF
#230 PC SEE ASSEMBLY
DWG. #523434.

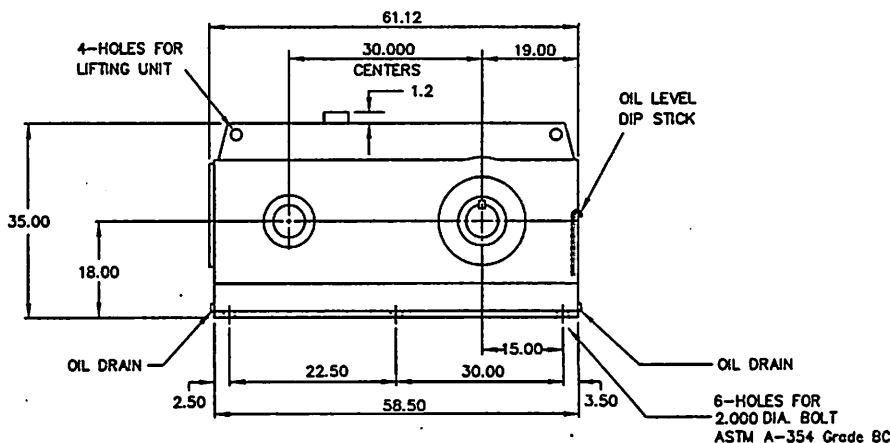
CERTIFIED
RECORD PRINT

NOV 21 2000

PURCHASER



UNIT WEIGHT: 6300 LB



Drawings are representative of this series of drives and do not agree in exact detail for all sizes. Gear drives are for horizontal floor mounted operation unless specifically stated otherwise. Consult factory for other mountings.

P.O. NO.: RFC39-69-282

P.O. DATE: 08/04/2000

H.S. SHAFT: 1735 RPM

DRIVE SIZE: 485A2-CS

ASSY. NO.: 18

NO. REQ'D.: 2

MOTOR BED: -

L.S. SHAFT: 98.4 RPM

MOTOR: -

FRAME NO.: -

FURNISHED BY: -

FITTED BY: -

RATIO: 17.64:1

H.S. SHAFT: Coupling 1660HFD132-1

FURNISHED BY: Falk

FITTED BY: Falk

SERVICE RATING: 700 HP

L.S. SHAFT: Coupling 1060G20

FURNISHED BY: Falk

FITTED BY: Falk

SERVICE FACTOR: 2.33

REMARKS: -

ACCESSORY REMARKS: -

The Falk Corporation, a Sundstrand Company, P.O. Box 492, Zip 53201-0492
3001 W. Canal St., Zip 53208-4222, Milwaukee, WI 53201 USA Telephone: 414-342-3131
FAX: 414-937-4359 e-mail: falkinfo@falkcorp.com web: www.falkcorp.com

"A01"

M.O. NO.: 00-067907-01

200008-00023701

ADDED CUST. MARKING
T.KOLTER 11-19-2000



a good name in industry

GEAR DRIVE
PARALLEL SHAFT
TYPE A * SIZE 485 * DOUBLE REDUC

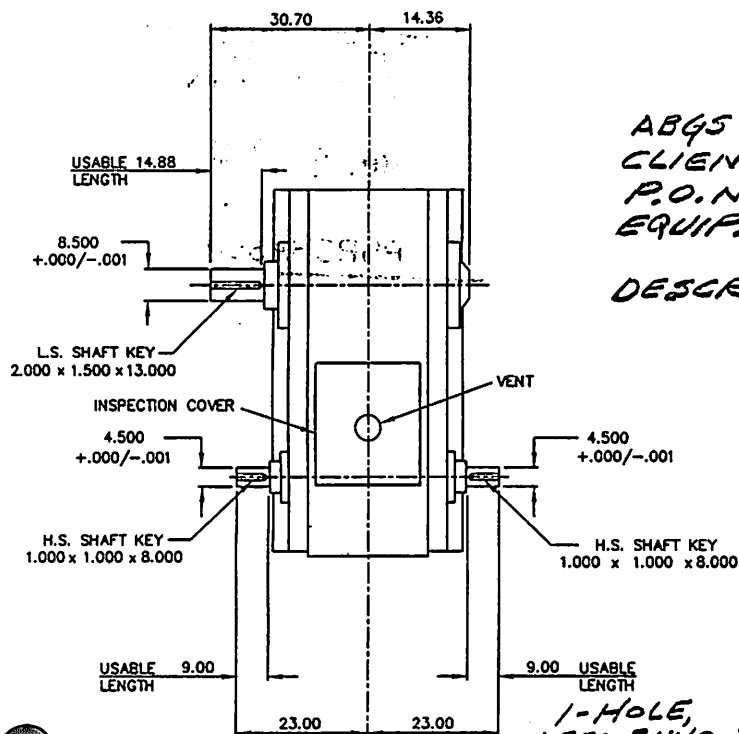
DWG. NO.: 00067908/01

DIMENSIONS: INCHES

DATE: 08/15/2000

CERTIFIED PRINT FOR: AHLSTROM MACHINERY INC

PREPARED BY: Doug Hughes



400 FIBERFLOW DRUM

ABGS PROJECT NO. AFGP-001
CLIENT: ALLIANCE FOREST PROD. U.S. CORP.
P.O. NO. 445002
EQUIP. NO. T94002 (1A-LINE)
T94022 (1B-LINE)
DESCRIPTION: REDUCER, DRUM PULPER

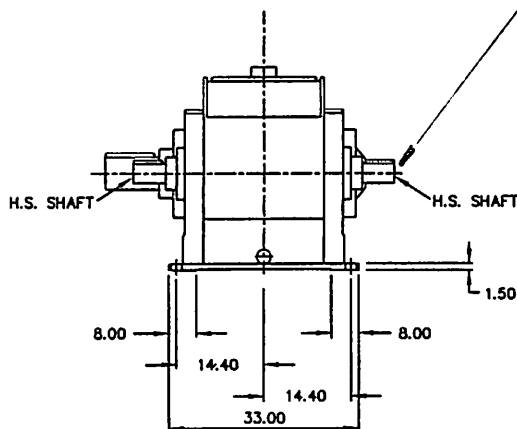
FOR MOUNTING OF
#230 PC SEE ASSEMBLY
DWG. #523434.

CERTIFIED
RECORD PRINT

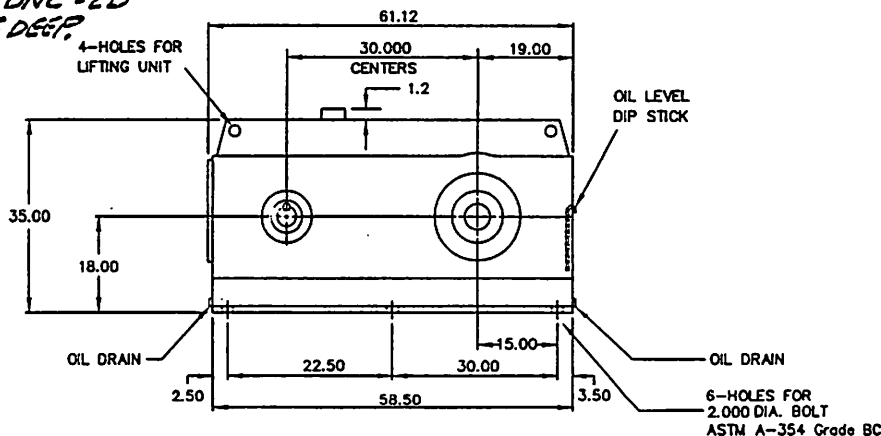
NOV 21 2000

PURCHASER

1-HOLE,
1.250-7UNC-2B
TAP 2.25 DEEP.



UNIT WEIGHT: 6300 LB



Drawings are representative of this series of drives and do not agree in exact detail for all sizes. Gear drives are for horizontal floor mounted operation unless specifically stated otherwise. Consult factory for other mountings.

P.O. NO.: FR069-69-282

P.O. DATE: 08/10/2000

H.S. SHAFT: 1735 RPM

DRIVE SIZE: 485A2-CS

ASSY. NO.: 24

NO. REQ'D.: 2

MOTOR BED: -

L.S. SHAFT: 98.4 RPM

MOTOR: -

FRAME NO.: -

FURNISHED BY: -

FITTED BY: -

RATIO: 17.64:1

H.S. SHAFT: Coupling 1660HFD132-1

FURNISHED BY: Falk

FITTED BY: Falk

SERVICE RATING: 700 HP

L.S. SHAFT: Coupling 1060G20

FURNISHED BY: Falk

FITTED BY: Falk

SERVICE FACTOR: 2.33

REMARKS: -

ACCESSORY REMARKS: - 1035470

The Falk Corporation, a Sundstrand Company, P.O. Box 492, Zip 53201-0492
3001 W. Canal St., Zip 53208-4222, Milwaukee, WI 53201 USA Telephone: 414-342-3131
FAX: 414-937-4359 e-mail: falkinfo@falkcorp.com web: www.falkcorp.com

"A01"

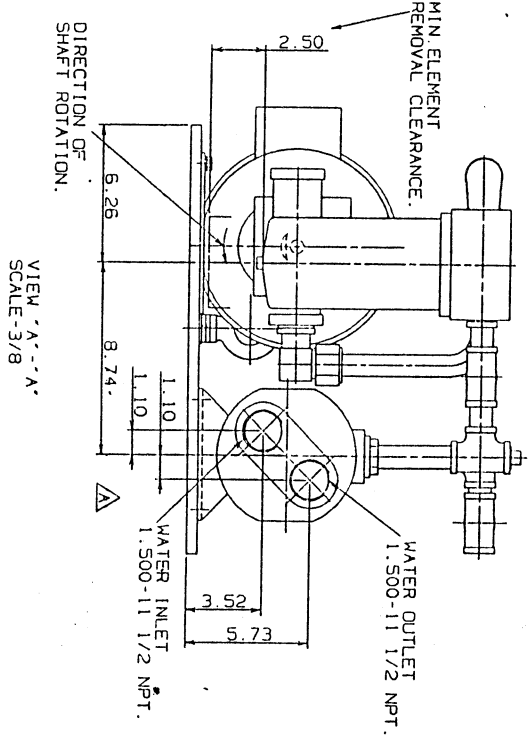
M.O. NO.: 00-067908-01

200008-00023717

ADDED CUST. MARKING
T. KOLTER 11-19-2000

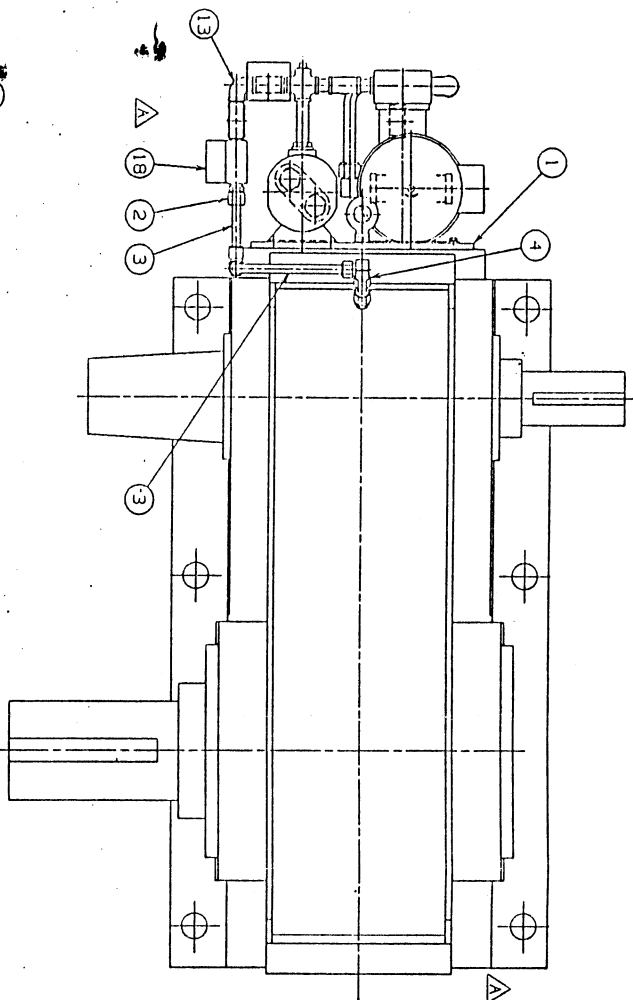
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1.0	2.00-067907																			
ASSEMBLY-LUBRICATION															MATERIAL					

- NOTES:
1. ALL UNUSED TAPPED HOLES MUST BE PLUGGED.
 2. SEE DRAWING-#277153 FOR TUBE ASSEMBLY INSTRUCTIONS.
 3. SEE UNIT CERTIFIED 00-067907-01 AND P&C-#230 ASSEMBLY-#438011 FOR MOUNTING DIMENSIONS.

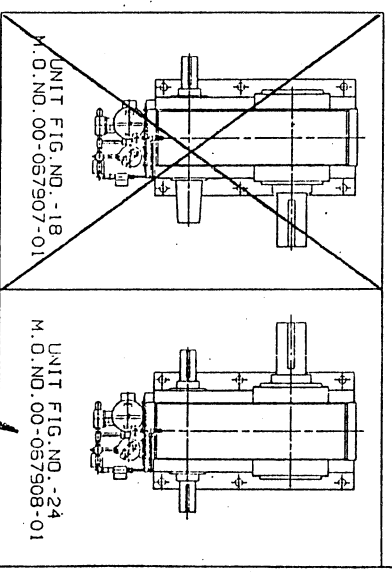
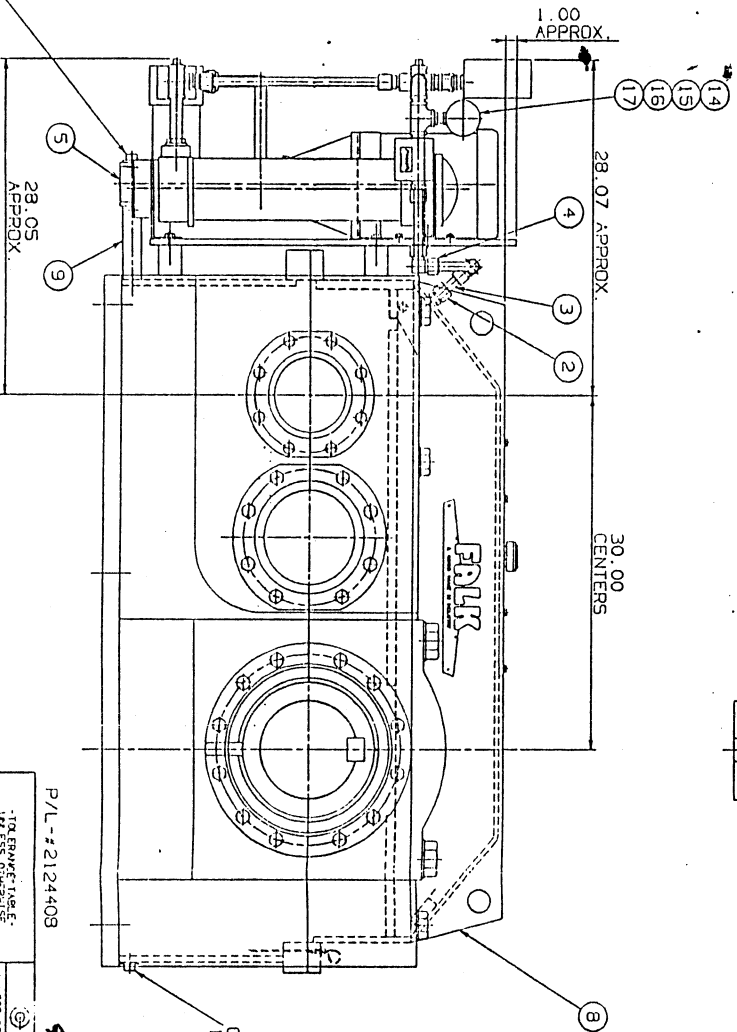
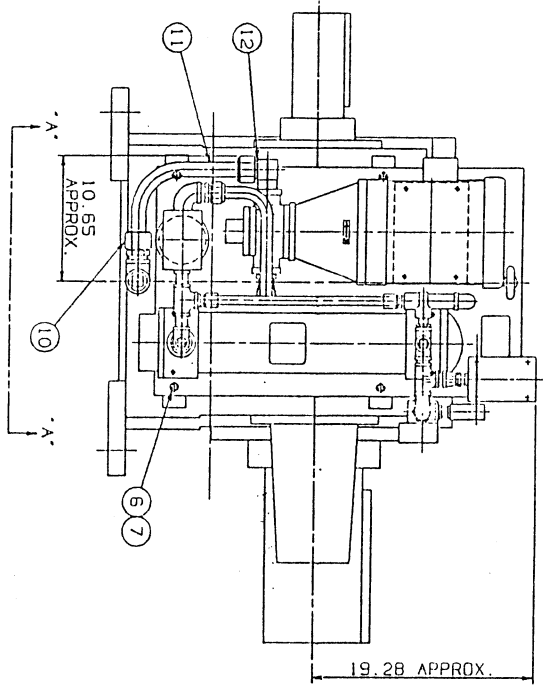


VIEW 'A'-A'
SCALE-3/8"

REDUCER #14-LINE DEUM
PULPER T94002
#13-LINE T94022



ONE OF THE ABOVE CONSISTS OF THE FOLLOWING:				
ITEM NO.	DESCRIPTION	SIZE	PART NO.	FIN. WT.
1	ASSEMBLY P&C #230		438011	
2	TUBE FITTING-LENZ	100-12	914166	
3	TUBING-HYD. CUT TO SUIT	.750 OD. X .065 WALL	932604	
4	TUBE FITTING-LENZ	500-12	914156	
5	TEE-PIPE	1.250-11 1/2	916427	
6	CAPSCR.-HEX. HD. GR. 5	.500-13 X 1.50	900104	
7	LOCKWASHER-SPG.	.500	906004	
8	HOUSING-REWORK		361985	
9	NIPPLE-PIPE	1.250 X 7.00	916249	
10	TUBE FITTING-LENZ	100-20	914170	
11	TUBING-HYD. CUT TO SUIT	1.250 OD. X .065 WALL	932615	
12	TUBE FITTING-LENZ	400-20	914187	
13	ELBOW-PIPE STREET	.750-14	915253	
14	NIPPLE-PIPE	.750-14 X 1.375	915824	
15	TEE-PIPE	.750-14	916424	
16	BUSHING-PIPE	.750 X .500	914652	
17	THERMOMETER	.500-14	913720	
18	FLOW SWITCH	.750-14	913655	



400 FIBERFLOW DEUM

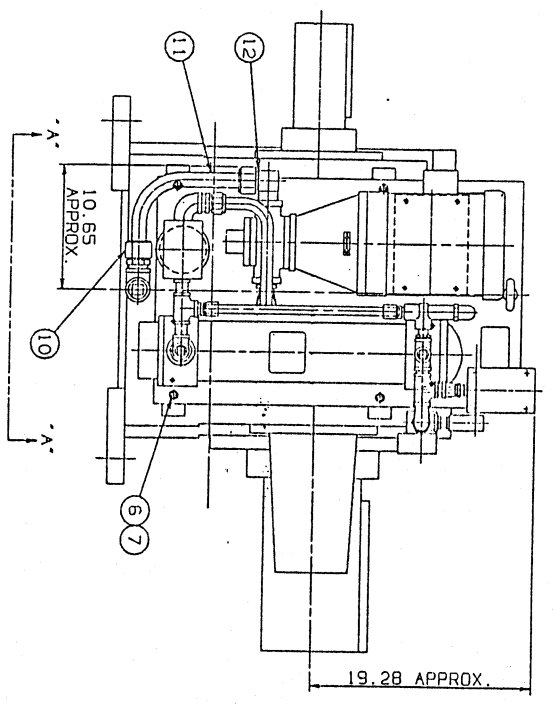
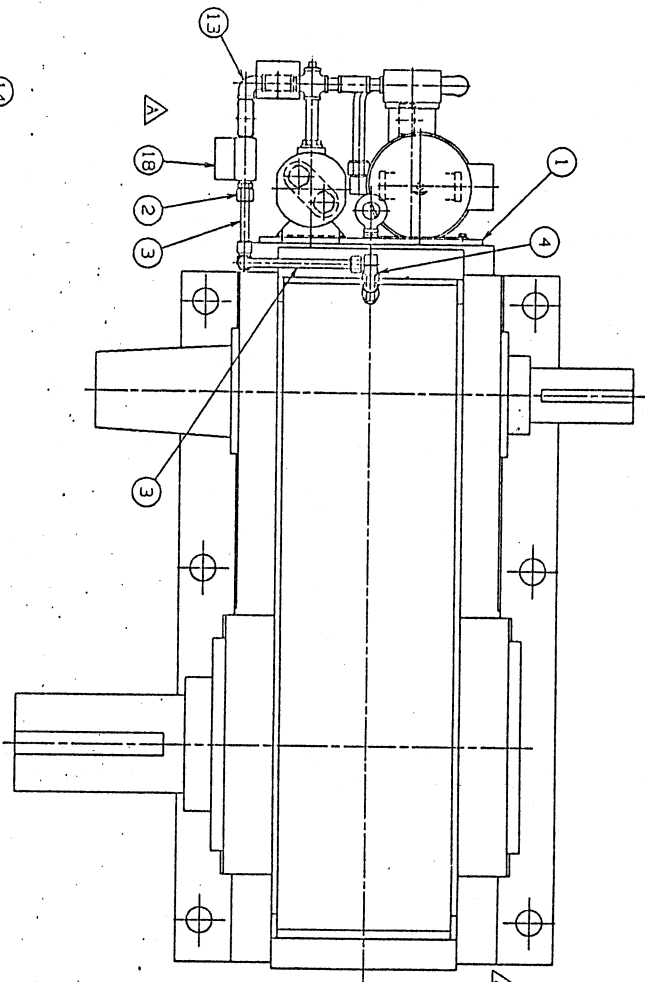
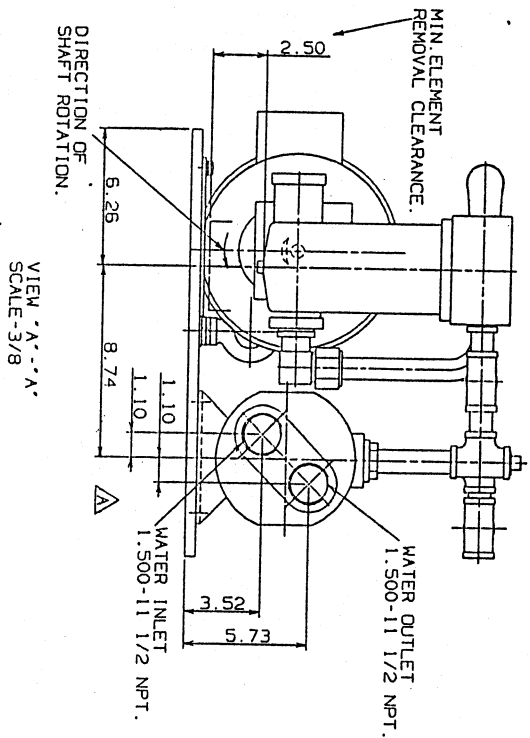
(FILE AS RECORD PRINT)

P/L-#2124408		KOLTER		F&K	
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.		DATE: 8-21-2000		THE FAIR CORPORATION HILWAKE, MI 48201, USA	
1. P&C DEC. - 1.080		DATE: 8-23-2000		TITLE: ASSEMBLY-LUBRICATION	
2. P&C DEC. - 1.030		DATE: 8-23-2000		455A2-C5	
3. P&C DEC. - 1.010		DATE: 8-23-2000		523430	
ANGLES - .11"		DATE: 8-23-2000		523434	
DO NOT CHANGE DIMENSIONS		DATE: 8-23-2000		A	

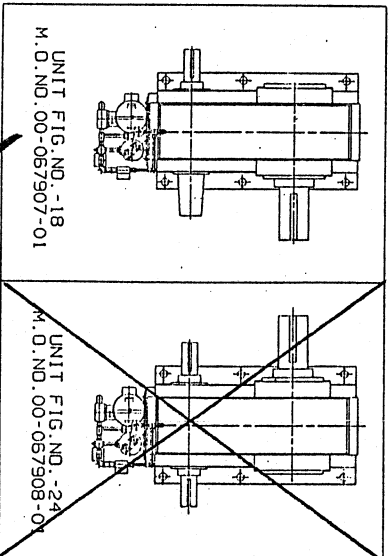
CERTIFIED
RECORD PRINT
NOV 21 2000
PURCHASER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
M.O.	2	00-057907																		
ASSEMBLY-LUBRICATION															MATERIAL		HEAT TREATMENT		FIN. WT.	

- NOTES:
1. ALL UNUSED TAPPED HOLES MUST BE PLUGGED.
 2. SEE DRAWING #277153 FOR TUBE ASSEMBLY INSTRUCTIONS.
 3. SEE UNIT 1 CERTIFIED 00-057907-01 AND P&C #230 ASSEMBLY #438011 FOR MOUNTING DIMENSIONS.



UNIT NO.	DESCRIPTION	SIZE	PART NO.
1	ASSEMBLY P&C #230	-	438011
2	TUBE FITTING-LENZ	100-12	914166
3	TUBING-HYD. CUT TO SUIT	.750 OD. X .065 WALL	932604
4	TUBE FITTING-LENZ	500-12	914156
5	TEE-PIPE	1.250-11 1/2	916427
6	CAPSCREW-HEX. HD. GR. 5	.500-13 X 1.50	900104
7	LOCKWASHER-SPG.	.500	906004
8	HOUSING-REWORK	-	361985
9	NIPPLE-PIPE	1.250 X 7.00	916249
10	TUBE FITTING-LENZ	100-20	914170
11	TUBING-HYD. CUT TO SUIT	1.250 OD. X .065 WALL	932615
12	TUBE FITTING-LENZ	400-20	914187
13	ELBOW-PIPE STREET	.750-14	915253
14	NIPPLE-PIPE	.750-14 X 1.375	915824
15	TEE-PIPE	.750-14	916424
16	BUSHING-PIPE	.750 X .500	914652
17	THERMOMETER	.500-14	913720
18	FLOW SWITCH	.750-14	913655

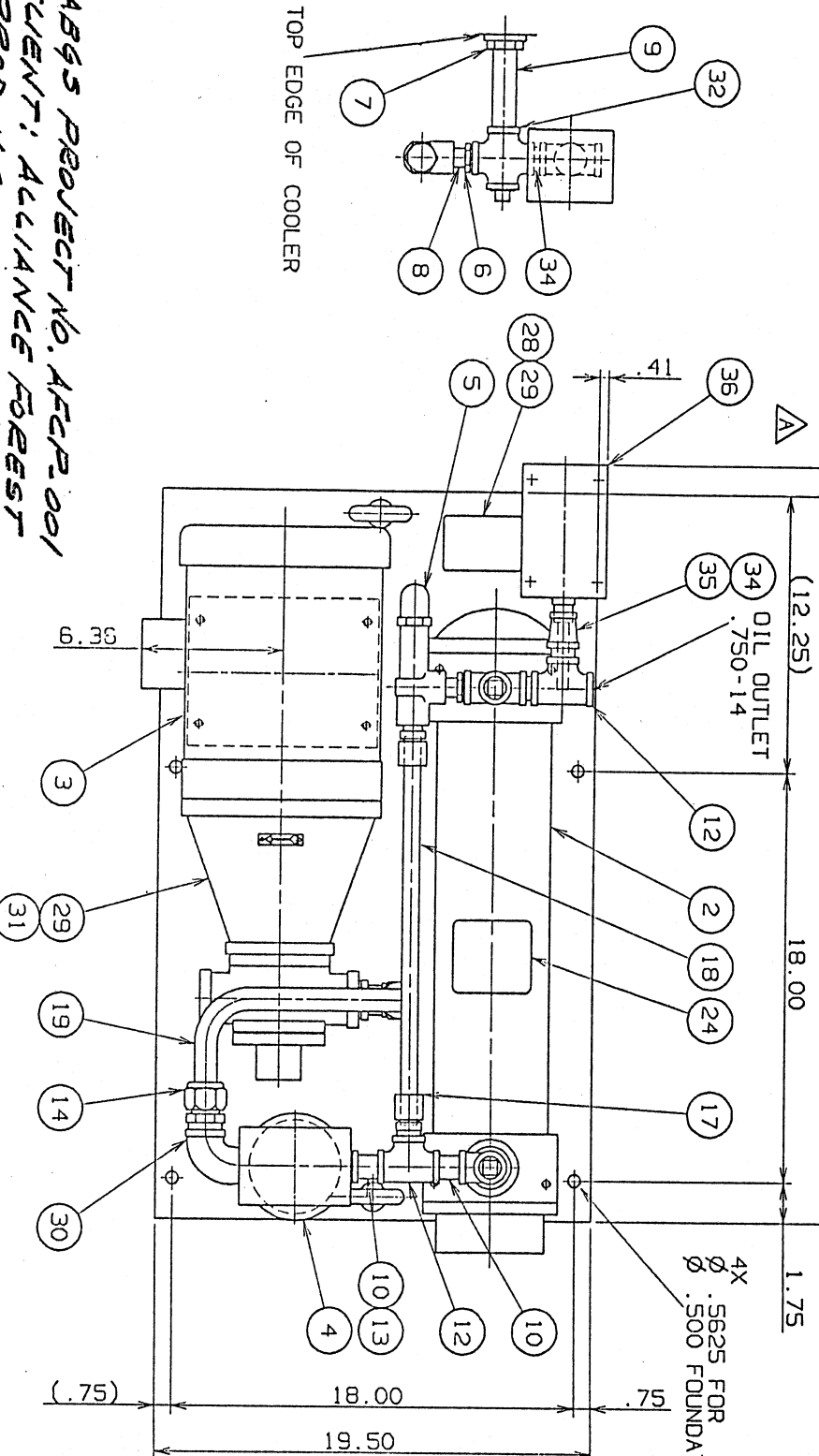


400 FIBERFLOW DRAIN

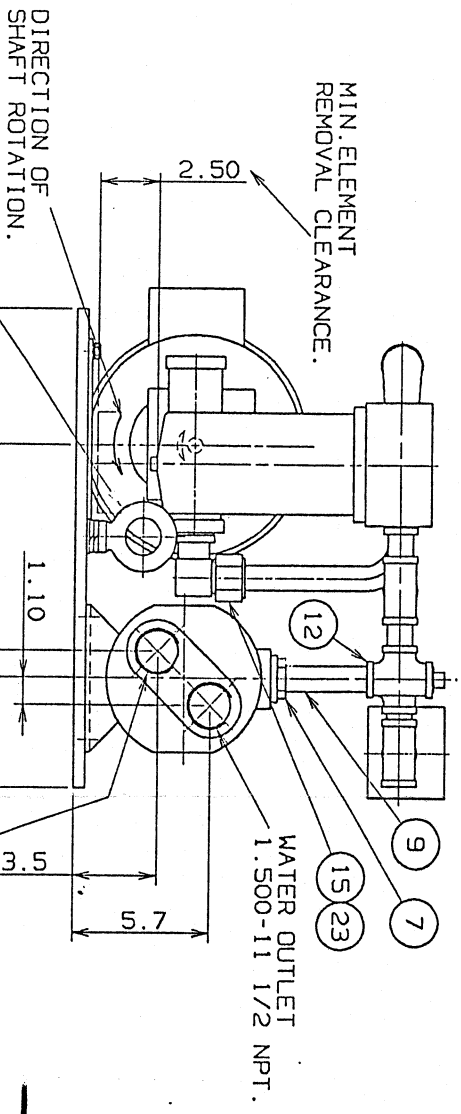
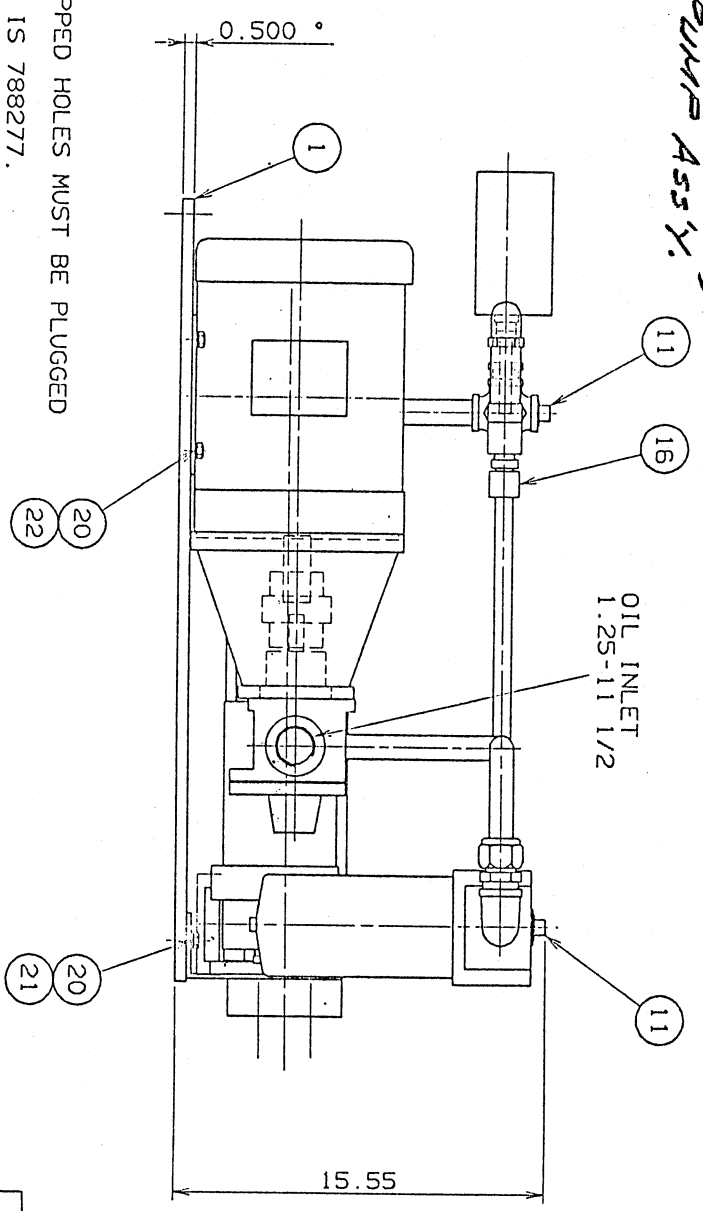
(FILE AS RECORD PRINT)

OIL DRAIN 1.250-11 1/2 NPT.TAP.										APPROX.									
TO DRAWING AND SPECIFICATIONS UNLESS OTHERWISE SPECIFIED APPLY THE FOLLOWING UNLESS SPECIFIED OTHERWISE										⑤									
1 PL. DEC. = 1.050 2 PL. DEC. = 1.030 3 PL. DEC. = 1.010 ANGLES = 45°										UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES									
DATE										DATE									
A TK. 11-21-2000										KOLTER									
DATE										DATE									
8-23-2000										523430									
C/COR. C/O - DRAWING										DO NOT CHANGE MANUALLY									
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CERTIFIED
RECORD PRINT
NOV 21 2000
PURCHASER



ABAS PROJECT NO. ACP-001
CLIENT: ALLIANCE FOREST
P200. U.S. COEP.
P. NO. 445002
PUMP NO. 444007 (#1A-LINE)
M44027 (#1B-LINE)
DESCRIPTION: PUMP ASS'Y.



ITEM NO	NO REQ	PART NO	PART AND SPECIFICATION
1	1	361986	SOLEPLATE
2	1	2905590	HEAT EXCHANGER - ITT STD 5-201-05-024-001
3	1	SEE BELOW	PUMP & MOTOR ASS'Y CONSISTING OF: MOTOR, PUMP, ADAPTER AND COUPLING-SEE SPEC'S BELOW
4	1	2920718	FILTER - PARKER 40CN-2-200-M2-50-C1C1-1
5	1	916317	RELIEF VALVE - FULFLO VJ-3 (SET AT 30 PSI)
6	1	914652	BUSHING - PIPE .750x.500
7	2	914660	BUSHING - PIPE 1.500x.750
8	1	915735	NIPPLE - PIPE .500-14x1.50
9	2	915839	NIPPLE - PIPE .750-14x4.50
10	2	915825	NIPPLE - PIPE .750-14x2.00
11	2	914004	PLUG - PIPE .750-14
12	3	916424	TEE - PIPE .750-14
13	1	914655	BUSHING - PIPE 1.000x.750
14	1	914114	TUBE FITTING - LENZ 100-16
15	1	913536	TUBE FITTING - LENZ 400-16
16	1	914140	TUBE FITTING - LENZ 100-12-8
17	1	914166	TUBE FITTING - LENZ 100-12
18	1	932604	HYD. TUBING - (.750 O.D. X .065 WALL X 20')
19	1	932605	HYD. TUBING - (1.00 O.D. X .049 WALL X 30')
20	8	900181	CAPSCREW - HEX HD GR 5 .375-16x.62
21	4	906352	WASHER - PLAIN .438 x 1.000 x .083
22	4	906002	LOCKWASHER - SPG .375 DIA
23	1	914658	BUSHING - PIPE 1.25x1.00
24	1	1124995	CAUTION LABEL
25	1	904917	EYEBOLT-SHOULDERED .750-10
26	2	906008	LOCKWASHER SPG. .750
27	1	906371	WASHER-PLAIN .81
28	1	1138057	WATER CIRCULATION PLATE
29	6	917809	DRIVE SCREW #4x.18
30	1	915254	STREET ELBOW-90° 1.000-11 1/2
31	1	103114	INDICATOR ROTATION
32	1	916490	CROSS - PIPE .750-14
33	1	2921917	FILTER ELEMENT PARKER 9301190
34	2	915824	NIPPLE-PIPE .750-14 X 1.38
35	1	914969	COUPLING-PIPE REDUCER .750 X .500
36	1	2905376	SWITCH-TEMPERATURE ALLEN BRADLEY #837-V2J

NOTES:

1. ALL UNUSED PIPE TAPPED HOLES MUST BE PLUGGED

2. B/M FOR THIS ASS'Y IS 788277.

3. SEE 277153 FOR TUBE ASSEMBLY INSTRUCTIONS

4. AFTER RUN-IN DISCARD FILTER ELEMENT FURNISHED WITH OIL FILTER AND REPLACE WITH A CLEAN ELEMENT ITEM NO. 33 FOR SHIPMENT.

PUMP AND MOTOR SPEC'S

PART NUMBER: 2919319

MOTOR-A.C. 3-PHASE, 60HZ, TEFC, 182TC FRAME, 3HP, 1725RPM

PUMP-HAIGHT 20D, 20 GPM, PUMP ADAPTER-HAIGHT Z1825

COUPLING-LOVEJOY L95

TOLERANCE TABLE

UNLESS OTHERWISE SPECIFIED

APPLIES TO MACHINED SURFACES ONLY

1 PL DEC. ± .000

2 PL DEC. ± .030

3 PL DEC. ± .010

ANGLES ± 1°

DO NOT CHANGE MANUALLY

DRAWN

KOLTER

DATE

8-23-2000

CHECKED

KOLTER

DATE

8-24-2000

SIMILAR TO

436982

SCALE

1:4

DWG. NO.

438011

REV.

A

THE FALK CORPORATION

5001 MILWAUKEE, WI 53201 USA

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