



Summary	Fast Seal 17" side column heavy duty. Counterweight strap adjustment.				
Products Affected	Fast Seal 1500 HD				
Key Word Tags	CW adjustment, FS, HD				
Tools/Equipment (If Required)	Assorted Wrenches				
Parts/Materials (If Required)	ASSEMBLY, IDLER PULLEY, 40MM STRAP	R02992658 (2ea)			
	COUNTERWEIGHT WELDMENT 17" SC (SHORT)	P0299284 (2ea)			
	DRUM ASSY,17"HD,40MM CTWT STRAP	R02992657 (1ea)			
	STRAP ASSY, CTWT, FS1017HD	R1020437-0 (2ea)			
Related Media					
Author	Randy Meyer, RevA Mike Burzlaff	Issue Date	4/3/2006	Status	Active

Please Read The Entire Bulletin Before Proceeding

Installing the Rytec 17" side column Counterweight Strap on a Heavy Duty Fast Seal door.

Installation of the 17" side column heavy duty door is very similar to the Rytec 14" side column door with a few exceptions. A comparison if the two doors are listed below.

Rytec 14" side column Fast Seal door (FS1000 standard).

- 1) The 14" side column door has a counterweight spool mounted to the drum shaft for the counterweight strap to wrap onto.
- 2) The counterweight strap is yellow.
- 3) Small white roller at the top of the side column to guide the strap onto the counterweight spool. (Not Adjustable)

Rytec 17" side column Heavy Duty Fast Seal door (FS1500 HD).

- 1) The counterweight strap is blue.
- 2) The counterweight strap wraps directly to the drum shaft. (The counterweight spool has been removed.)
- 3) The roller at the top of the side column is large and barrel shaped. Roller guides the strap onto the drum shaft. (Adjustable)

Important note:

The 17" side column heavy duty Fast Seal door has an adjustable barrel shaped roller at the top of each side column. After close inspection you will see the roller bracket is mounted to the side column on two studs and held in place with two nuts. The bracket has two slotted holes that allow the bracket/roller to be adjusted clockwise and counterclockwise. The blue counterweight strap should stack directly on top of the previous wrap as the door operates. If the strap is slipping to the left or the right; use the adjustment for the roller to guide the strap into the correct position. When the adjustment has been made and the strap is stacking properly make sure the roller bracket is tight.

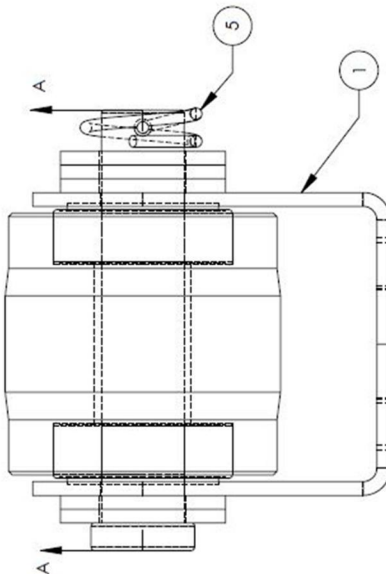
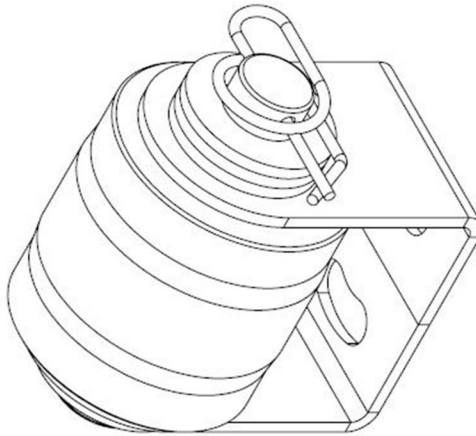
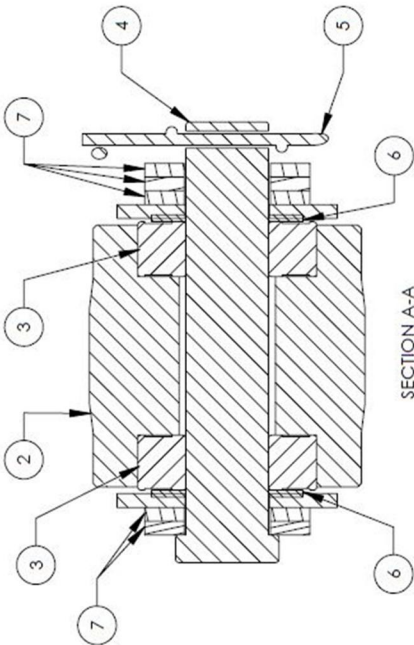
If you have any questions please contact Rytec Customer Support at 1-800-628-1909.

See Attached Drawings



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	02992686	WELDMENT, IDLER PULLEY ADJUST BRACKET, SLOTTED, 40mm STRAP	1
2	0205058	IDLER PULLEY, COUNTERWEIGHT, WIDE STRAP	1
3	0204039	BEARING, 3030, 3/4 BORE X 1 5/8 OD X 1/2 WIDTH	2
4	0552003	CLEVIS PIN 3/4 DIA. X 3.75 Lg.	1
5	0552001	PIN, RUE RING COITER (#RUE-40)	1
6	0003068	WASHER, 3/4 ID X 1.375 OD, BRONZE	2
7	0555144	WASHER(WF), 0.781 x 1.50 x 0.120, STL ZN	5

NOTE!
INCLUDE SERVICE BULLETIN #141
IN SMALL PARTS BOX.



ECO	REV	DESCRIPTION	DATE	BY	CHK
1	C	REPLACED P/N 0552143 WITH 0552003, ADDED 0552001 AND 0552003	9/2/2018		

TOLERANCES (UNLESS OTHERWISE SPECIFIED):
3 DECIMAL PLACES = TOL: ±0.005
2 DECIMAL PLACES = TOL: ±0.015
ALL FRACTIONS = TOL: ±0.030

ALL DRILL HOLES = TOL: +0.004/-0.002
ALL ANGLES = TOL: 30° ±30'
ALL MACHINED SURFACES 125
REMOVE ALL SHARP EDGES AND BURRS

RYTEC CORPORATION

ONE CEDAR PARKWAY, JACKSON, WI 53037-0403

NOT A RYTEC PRODUCT. RYTEC IS THE REGISTERED TRADEMARK OF RYTEC CORPORATION. RYTEC IS NOT RESPONSIBLE FOR THE CONTENTS OF THIS DOCUMENT.

DRAWING NAME: ASSEMBLY, IDLER PULLEY, 40mm STRAP

SCALE: 1:1

DRAWING NUMBER: 02992658

DRAWN BY: Mark

DATE: 01/20/03

SHEET: 1 of 1

APPROVED BY:

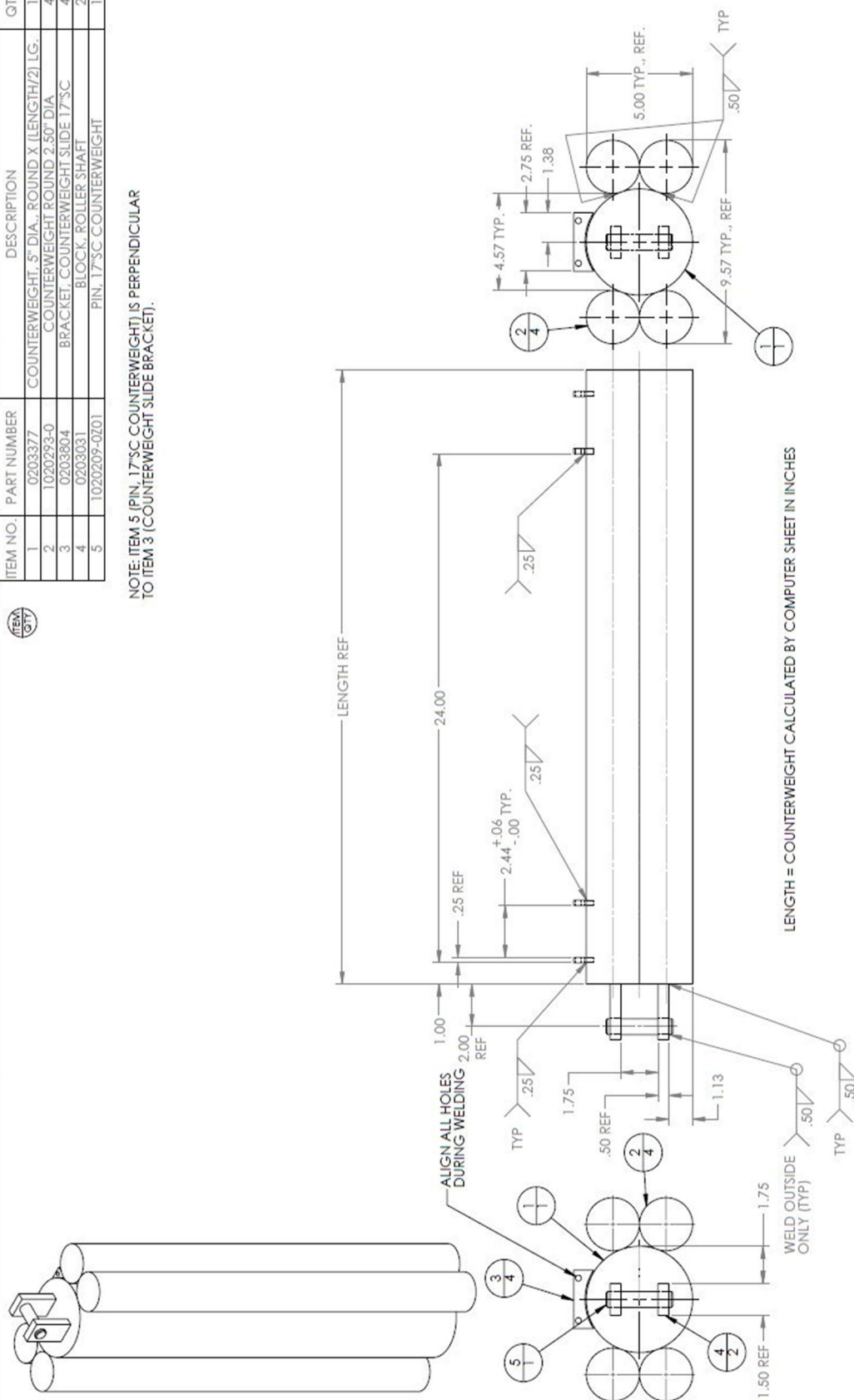
REF MODEL: (02992658)

CONFIG: C

REV: C

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	0203377	COUNTERWEIGHT, 5" DIA., ROUND X (LENGTH/2) LG.	1
2	1020293-0	COUNTERWEIGHT ROUND 2.50" DIA.	4
3	0203804	BRACKET, COUNTERWEIGHT SLIDE 17" SC.	4
4	0203031	BLOCK, ROLLER SHAFT	2
5	1020209-0201	PIN, 17" SC COUNTERWEIGHT	1

NOTE: ITEM 5 (PIN, 17"SC COUNTERWEIGHT) IS PERPENDICULAR TO ITEM 3 (COUNTERWEIGHT SLIDE BRACKET).

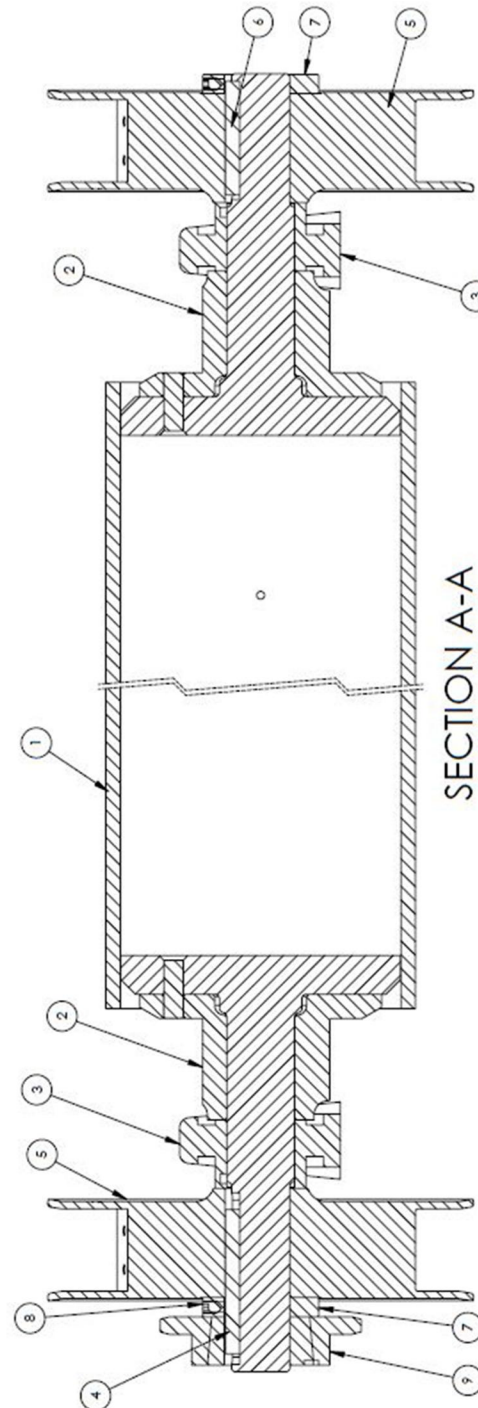
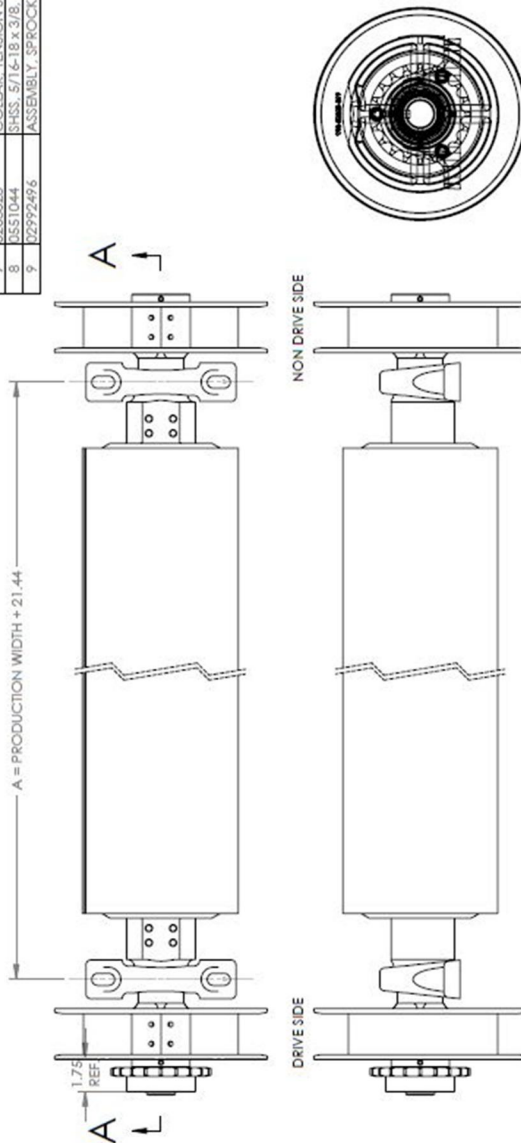


LENGTH = COUNTERWEIGHT CALCULATED BY COMPUTER SHEET IN INCHES

[illegible]

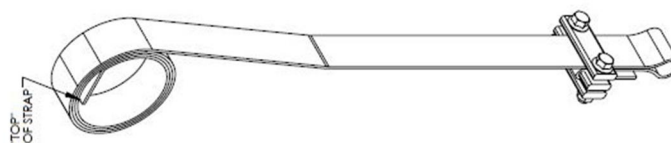
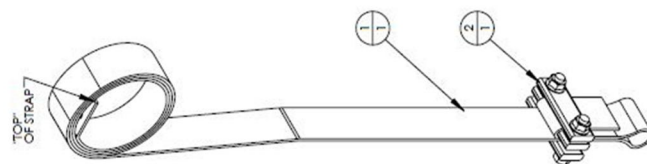
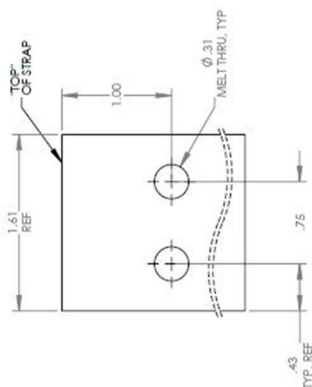
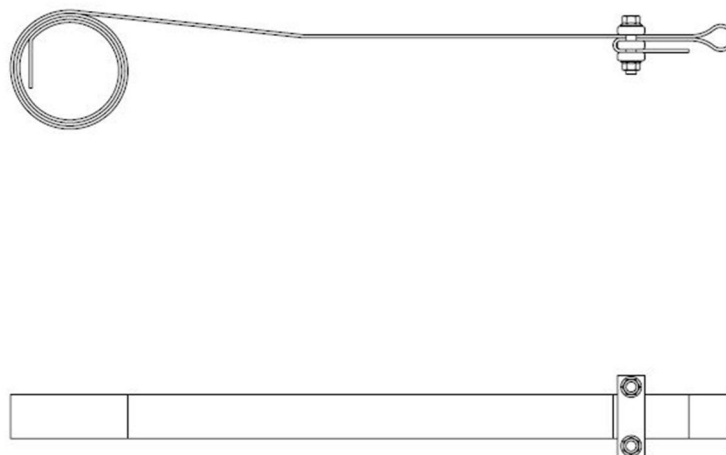
Canada	1	ALCOA WELLS FUNDINGS FOR TEMP HOUSING FOR AND LOGS	8/1/14	END
ECO #	ENV.	DESCRIPTION	DATE	BY

ITEM	PART NUMBER	DESCRIPTION	SIZE	QTY.
1	32992652	WELDMENT, DRUM 17" SC, PINNED CW SPOOL, SYSTEM 3		1
2	32031140	COUNTER WEIGHT HUB, PINNED, 40mm STRAP		2
3	3204002	PILLOW BLOCK BEARING, 1.75 DIA. W/ SETSCREWS		2
4	3203358	KEY, 3/8 X 3/8 X 3-23/32" LG. ROUND END		1
5	1020544-0	SPOOL, TENSION, 17" SC		2
6	3203359	KEY, 3/8 X 3/8 X 2-15/16" LG. ROUND END		1
7	3203028	COLLAR, TENSION SPOOL LOCKING		2
8	3551044	SHSS, 5/16-18 X 3/8, ALLOY, CONE POINT		4
9	32992496	ASSEMBLY, SPROCKET & BUSHING, Ø1.50 BORE		1



RYTEC CORPORATION		DRAWING NAME: DRUM ASSEMBLY, HEAVY DUTY, PINNED CW HUB FOR 70mm STRAP, SYSTEM 3	
ONE CEDAR PARKWAY, JACKSON, WI 53037-0403		DATE: 01/21/03	
TOLERANCES (UNLESS OTHERWISE SPECIFIED):		DRAWN BY: Mark	
3 DECIMAL PLACES ± TOL: 0.005		SCALE: 1:4	
2 DECIMAL PLACES ± TOL: 0.015		SHEET: 1 of 1	
ALL DIMENSIONS ± TOL: 0.030		DRAWING NUMBER: 02992657	
REMOVE ALL SHARP EDGES AND BURRS		REF. MODS: 0292457	
CONTRACT NO. 02992657		CONTRACT NO. 02992657	
REVISIONS		BY: ADM	
DATE		DATE	
DATE		DATE	

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	08082540	SPRING BELT, BLUE, POLYESTER, 40mm WIDE
2	1	1000025340	ASSEMBLY CLAMP PLATE, COUNTERWEIGHT STRAP 17"



RYTEC CORPORATION ONE CEDAR PARKWAY JACKSON, MI 48303-0403 WWW.RYTECCORP.COM CONSTRUCTION DIVISION AND CONTROL IN PLACE WITHOUT THE BIRTH CONTROL OF PFC CORPORATION.	DATED NAME STRAP ASSY, COUNTERWEIGHT, 40mm, F5	
	DATE 06/12/2014	TIME 10:11
USER RLM	SCALE 1:1	REF A

EC000481	A	DELETED GROMMET 0004007, ADDED TOP MOUNTING HOLES	3/31/15	BND
ECO #	REV.	DESCRIPTION	DATE	BY