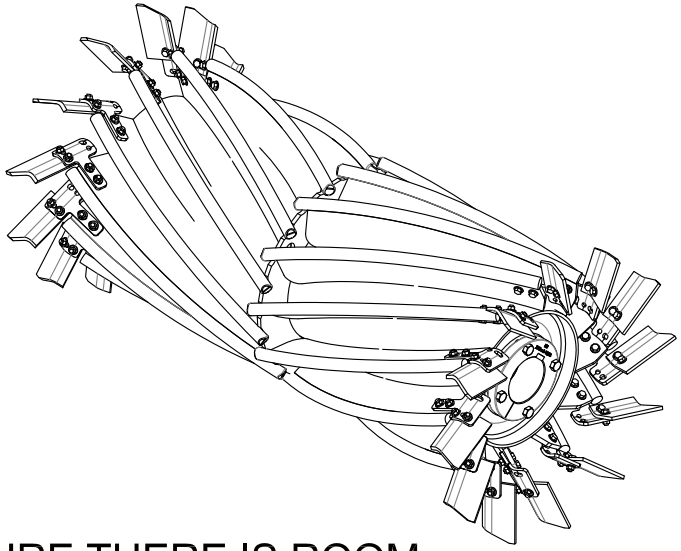
NOTES: FOR FLAPPER WINGS

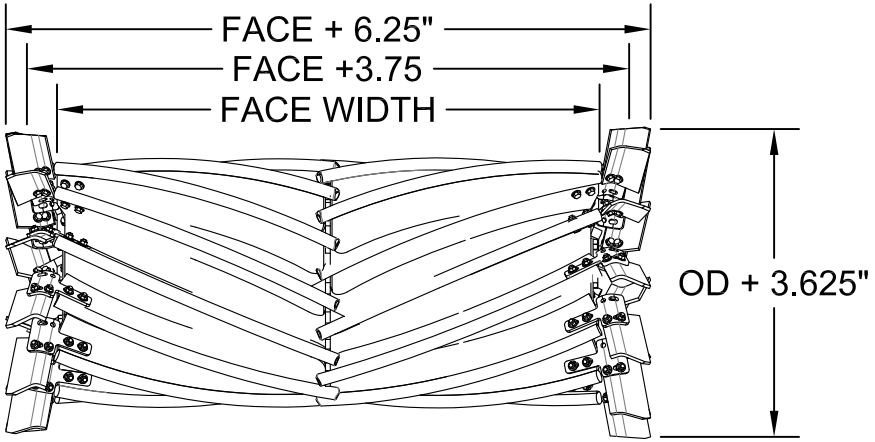
(RUBBER) FLIPPER OD = PULLEY OD + 3.625
OUT TO OUT OF (RUBBER) FLIPPERS = FACE WIDTH + 6.25
OUT TO OUT OF (METAL) FLAPPERS = FACE WIDTH + 3.75

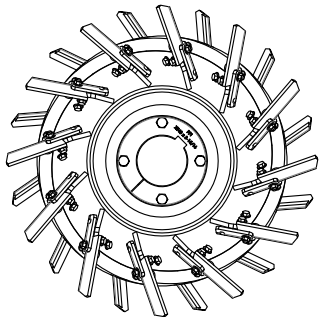


GRAIN HBW IS MINE DUTY TYPE WITH AR BAR
AND EXTRA WINGS FOR MORE SUPPORT

FLAPPER HAS $\frac{1}{2}$" OF ADJUSTMENT IN BOLT HOLES THAT ARE SLOTTED. FLAPPERS ARE SHIPPED LOOSE.

MEASURE THE CHUTE AROUND THE TAIL PULLEY TO MAKE SURE THERE IS ROOM.
THE RUBBER FLAPPER SHOULD NOT RUB ON THE CHUTE.
THERE SHOULD BE APPROXIMATELY 1/8" TO 3/16" CLEARANCE.
PULLEY FACE WIDTH SHOULD BE ABOUT 6.5" TO 6.75" LESS THAN THE INSIDE CHUTE WIDTH.





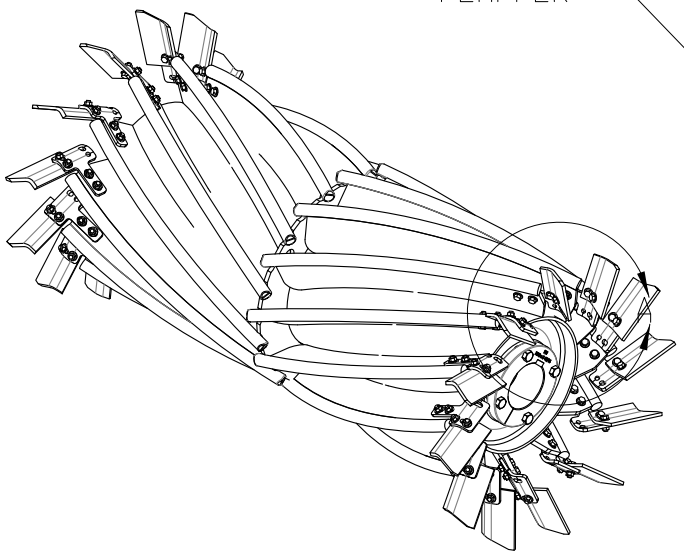
REV	DESCRIPTION	ECO/ENPR	DATE	DRAFT	ENGR
1					
0	CREATION OF PART.				LJL

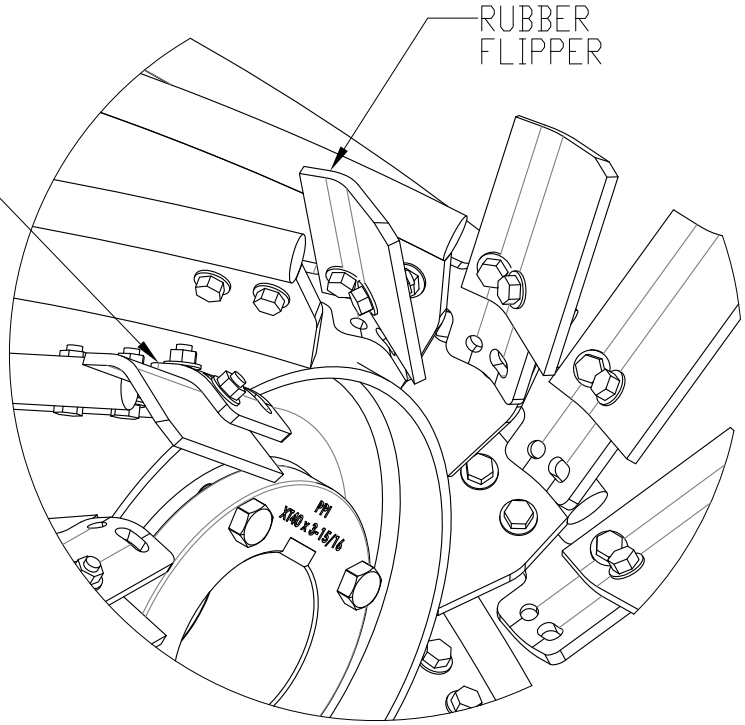
TOLERANCES
UNLESS OTHERWISE SPECIFIED
DECIMAL [METRIC]
X.XX ± 0.060 X. [± 1.6]
X.XXX ± 0.030 X.X[± 0.8]
X.XXXX ± 0.005 X.XX [± 0.4]
FRACTIONAL ± 1/16
ANGULAR ± 1°

Drawing Controlled by 3D Model In SolidWorks
DO NOT SCALE DRAWING
ELECTRONIC FILE
SCALE:1:16

PART DESCRIPTION:
HERRINGBONE WING
DIMENSIONS WITH FLIPPERS

DRAFTER:		Precision Pulley & Idler	
ENGINEER:	LJL	Pella, Iowa	
DWG NO.	HBW-FLAP	WEIGHT(lbs)	SHEET 1 OF 1
PART NO.	TABLE	DATE:	REV. 0





DETAIL A
SCALE 1 : 4

NOTES:
1) THE V OF THE HERRINGBONE POINTS IN THE DIRECTION OF ROTATION.

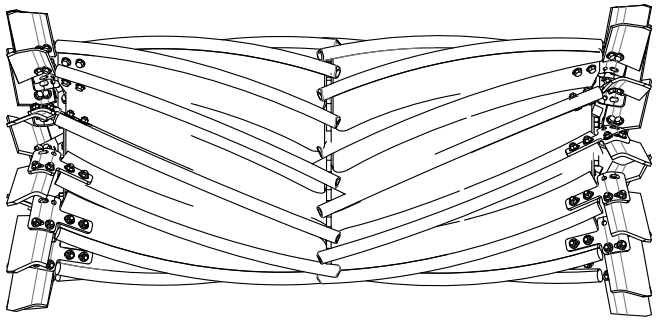
2) FLAT WASHERS SHOULD BE USED UNDER ALL BOLT HEADS AND NUTS

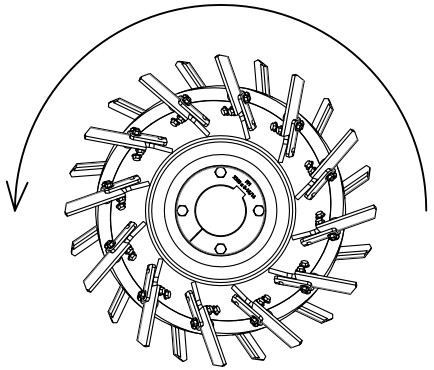
3) BOLTS SHOULD BE 5/16" BY 1-1/2" BOLT WITH LOCK NUT
4)THE BOLT IS INSERTED FROM THE FRONT SIDE OF THE WING.

5) THE FLAPPERS (METAL PART) IS MOUNTED TO THE BACK SIDE OF THE WING SUCH THAT THE BENT PART CURVES FORWARD AND SECURED WITH LOCK NUT

6) THE FLIPPER (RUBBER PART) IS MOUNTED TO THE FRONT SIDE OF THE FLIPPER AND IS BOLTED WITH THE HEADS OF THE BOLT INSERTED FROM THE FRONT

DIRECTION OF ROTATION





REV	DESCRIPTION	ECO/ENPR	DATE	DRAFT	ENGR
1					
0	CREATION OF PART.	ECO TBD	4/15/15	LJL	LJL

TOLERANCES
UNLESS OTHERWISE SPECIFIED

DECIMAL	[METRIC]
X.XX ± 0.060	X± [1.6]
X.XXX ± 0.030	X.X[0.8]
X.XXXX ± 0.005	X.XX±[0.4]

FRACTIONAL ± 1/16
ANGULAR ± 1°

Drawing Controlled by 3D Model In SolidWorks

DO NOT SCALE DRAWING | ELECTRONIC FILE SCALE:1:16

PART DESCRIPTION:
HERRINGBONE WING WITH FLAPPERS - INSTALLATION

DRAFTER:	LJL	Precision Pulley & Idler	
ENGINEER:	LJL	Pella, Iowa	
DWG NO.	HBW-FLAP	WEIGHT(lbs) TBD	SHEET 1 OF 1
PART NO.	TABLE	DATE: 4/15/15	REV. 0