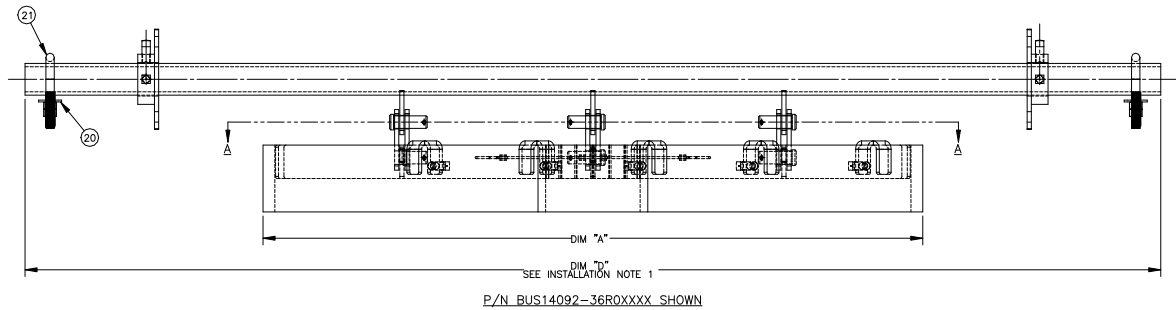
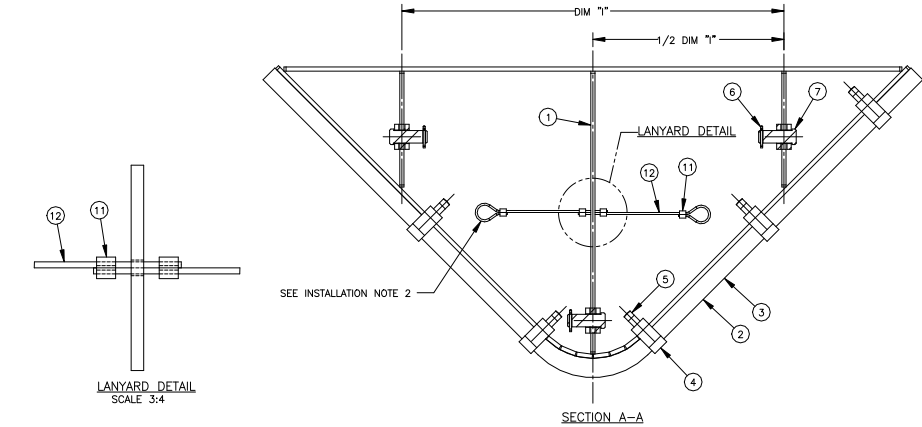


PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'I'	QTY. ITEM 4	QTY. ITEM 5	QTY. ITEM 12	P/N ITEM 1	P/N ITEM 8	P/N ITEM 9	P/N ITEM 15
BUS14092-18XXXXXX	546.1 [21.50]	242.1 [9.53]	80.8 [3.18]	1524.0 [60.00]	225.4 [8.88]	4	12	5.00	BUS14092-FV18X	BUS14092-FHBW24X	BUS14092-RHBW18X	38735-1
BUS14092-24XXXXXX	698.3 [27.50]	282.3 [11.12]	166.6 [6.56]	1524.0 [60.00]	377.8 [14.88]	4	12	5.00	BUS14092-FV24X	BUS14092-FHBW24X	BUS14092-RHBW24X	38735
BUS14092-30XXXXXX	850.9 [33.50]	344.5 [13.55]	166.6 [6.56]	1727.2 [68.00]	426.6 [16.80]	6	14	5.67	BUS14092-FV30X	BUS14092-FHBW36X	BUS14092-RHBW30X	38735
BUS14092-36XXXXXX	1003.3 [39.50]	478.7 [18.85]	279.4 [11.00]	1727.2 [68.00]	581.0 [22.88]	6	14	5.67	BUS14092-FV36X	BUS14092-FHBW36X	BUS14092-RHBW36X	38735
BUS14092-42XXXXXX	1155.7 [45.50]	546.9 [21.53]	355.6 [14.00]	2082.8 [82.00]	631.8 [24.88]	8	16	6.83	BUS14092-FV42X	BUS14092-FHBW48X	BUS14092-RHBW42X	38735
BUS14092-48XXXXXX	1308.1 [51.50]	623.1 [24.53]	431.8 [17.00]	2082.8 [82.00]	784.2 [30.88]	8	16	6.83	BUS14092-FV48X	BUS14092-FHBW48X	BUS14092-RHBW48X	38735

PART NUMBER	P/N ITEM 1	P/N ITEM 4	P/N ITEM 6	P/N ITEM 7	P/N ITEM 8	P/N ITEM 9	P/N ITEM 13
BUS14092-XXXXFXXX	BUS14092-FWXXF	BUS14092-UCF	36930	36987	BUS14092-FHBWXXF	BUS14092-RHBWXXF	16845-316SS
BUS14092-XXXXSXXX	BUS14092-FWXXS	BUS14092-UCS	36930	36987	BUS14092-FHBWXXS	BUS14092-RHBWXXS	16845-SS
BUS14092-XXXXTXXX	BUS14092-FWXXT	BUS14092-UCT	16578	38186	BUS14092-FHBWXXT	BUS14092-RHBWXXT	16845

PART NUMBER	P/N ITEM 14 BELT WIDTH 18	P/N ITEM 14 BELT WIDTH 24 THRU 48
BUS14092-XXXXFXXX	30208-316SS	16628-316SS
BUS14092-XXXXSXXX	30208-SS	16628-SS
BUS14092-XXXXTXXX	30208	16628

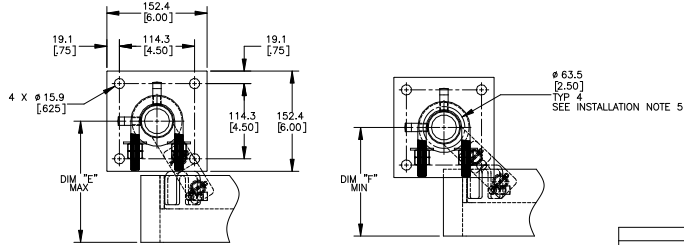


- NOTES:
- 1) IN THE PART NUMBER THE FIRST XX INDICATES BELT WIDTH, THE THIRD X INDICATES BLADE TYPE, RUBBER (R) OR URETHANE (U). THE FOURTH X INDICATES ARM LENGTH HEIGHT. USE PIVOT ARM P/N BUS14092-PA00X FOR STANDARD HEIGHT THE FIFTH X INDICATES MATERIAL TYPE, 316 SS (T), 304 SS (S) OR PAINTED STEEL (T). THE NEXT XX INDICATES MATERIAL FOR URETHANE BLADES, IF APPLICABLE. THE LAST X INDICATES U-BOLT OPTION KIT FOR MOUNTING. BLANK = NO OPTION C = U-BOLT KIT
 - 2) ASSEMBLE BLADE WITH SLOT GROOVES TO BACKSIDE (APPLIES TO URETHANE BLADE ONLY).
 - 3) FOR BELT WIDTH 18.00, USE MOUNTING FLANGE P/N 30208-XXXXX. FOR BELT WIDTH 24.00 THRU 48.00, USE MOUNTING FLANGE P/N 16628-XXXXX.
 - 4) LANYARD NEEDS TO BE CUT IN HALF AND SPLICED TOGETHER USING TWO CABLE CLIPS, ONE ON EACH SIDE OF CENTER SUPPORT. TOLERANCE FOR CUTTING LANYARD IS ± 1.5 [0.06].
 - 5) TOLERANCE FOR CUTTING RUBBER BLADE IS ± 1.5 [0.06].
 - 6) ITEMS ARE TO BE PLACED LOOSE AND SHIPPED IN A BOX. (WARNING LABELS P/N 23395 AND P/N 38227 ARE TO BE PLACED ON BOTH SIDES OF THE CONVEYOR).

- INSTALLATION NOTES:
- 1) HANGER BAR IS LONGER THAN REQUIRED, FIELD MODIFY LENGTH FOR PROPER MOUNTING.
 - 2) LOOSE END OF LANYARD TO BE FASTENED TO STRINGER OR OTHER CONVEYOR STRUCTURE.
 - 3) REFER TO OPERATORS MANUAL FOR PROPER INSTALLATION, MAINTENANCE INSTRUCTIONS AND REPLACEMENT PARTS.
 - 4) V-PIOW IS DESIGNED FOR TAIL PULLEY PROTECTION ONLY, NOT FOR HANDLING MATERIAL CARRYBACK.
 - 5) IF MOUNTED THROUGH STRINGER OR STEEL PLATE, DRILL OR CUT (4) 63.5 [2.50] HOLES FOR THE TWO HANGER BARS.

URETHANE BLADE CHART				
PART NO.	P/N ITEM 2	BLADE COLOR	BLADE MATERIAL	
BUS14092-XXXXXXBLX	31134-XXULB	BLUE	85 DUROMETER	
BUS14092-XXXXXXBRX	31134-XXUBR	BROWN	85 DUROMETER	
BUS14092-XXXXXXGRX	31134-XXUGR	GREEN	95 DUROMETER	
BUS14092-XXXXXXORX	31134-XXU	ORANGE	90 DUROMETER	

BLADE CHART				
PART NO.	QTY. ITEM 2	QTY. ITEM 1	P/N ITEM 2	BLADE HEIGHT
BUS14092-18RXX	0	2.25	-----	101.6 [4.00]
BUS14092-18UXXXXX	1	0	31134-18UXX	100.1 [3.94]
BUS14092-24RXX	0	2.96	-----	101.6 [4.00]
BUS14092-24UXXXXX	1	0	31134-24UXX	100.1 [3.94]
BUS14092-30RXX	0	3.67	-----	101.6 [4.00]
BUS14092-30UXXXXX	1	0	31134-30UXX	100.1 [3.94]
BUS14092-36RXX	0	4.37	-----	101.6 [4.00]
BUS14092-36UXXXXX	1	0	31134-36UXX	100.1 [3.94]
BUS14092-42RXX	0	5.08	-----	101.6 [4.00]
BUS14092-42UXXXXX	1	0	31134-42UXX	100.1 [3.94]
BUS14092-48RXX	0	5.79	-----	101.6 [4.00]
BUS14092-48UXXXXX	1	0	31134-48UXX	100.1 [3.94]

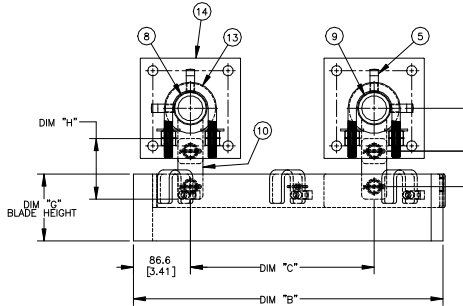


ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	FRAME WELDMENT	SEE CHART
2	1	BLADE URETHANE	SEE BLADE CHART
3	1	BLADE RUBBER	100066
4	S/C	U-CLAMP	SEE CHART
5	S/C	SCREW SHS 1/2-13NC X 1 SS	22763-03
6	6	PIN COITER 1/8 X 1	SEE CHART
7	6	PIN CLEVIS 3/4 X 2	SEE CHART
8	1	FRONT HANGER BAR WELDMENT	SEE CHART
9	1	REAR HANGER BAR WELDMENT	SEE CHART
10	6	PIVOT ARM	SEE ARM CHART
11	4	CLIP CABLE 1/8	23481
12	S/C	ROPE WIRE 1/8 SS	100107
13	4	LOCKING COLLAR	SEE CHART
14	4	FLANGE MOUNTING PLATE	SEE CHART
15	1	MOUNTING HARDWARE KIT	SEE CHART
16	2	LABEL CONVEYOR PRODUCT WARNING	23395
17	2	LABEL MARTIN PRODUCT	32238
18	2	LABEL FLYING OBJECTS WARNING	38227
19	1	MANUAL OPERATORS	M4168
20	8	WASHER FLAT 1/2 WIDE ZP	SEE CHART
21	4	U-BOLT EXTENDED LG F/2" PIPE 1/2-13NC	SEE CHART

NS = NOT SHOWN
S/C = SEE CHART
** = ONLY AVAILABLE FOR U-BOLT KIT

MATERIAL CHART				
ASSEMBLY PART NUMBER	P/N ITEM 20	P/N ITEM 21		
BUS14092-XXXXTXXC	17328	39071		
BUS14092-XXXXSXXC	31295	39071C		
BUS14092-XXXXFXAC	31295	39071C		

PIVOT ARM CHART					
PART NO.	P/N ITEM 10	DIM "E" MAX	DIM "F" MIN	DIM "H"	DIM "J"
BUS14092-XXXXXXXX	BUS14092-PA00X	184.2 [7.25]	165.1 [6.50]	92.1 [3.63]	54.0 [2.13]
BUS14092-XXXXXXXX	BUS14092-PA01X	266.7 [10.50]	247.7 [9.75]	174.6 [6.88]	136.5 [5.38]
BUS14092-XXXXXXXX	BUS14092-PA02X	342.9 [13.50]	323.9 [12.75]	250.8 [9.88]	212.7 [8.38]
BUS14092-XXXXXXXX	BUS14092-PA03X	447.8 [17.63]	428.8 [16.88]	355.6 [14.00]	317.5 [12.50]
BUS14092-XXXXXXXX	BUS14092-PA04X	517.5 [20.37]	498.5 [19.63]	425.4 [16.75]	387.3 [15.25]
BUS14092-XXXXXXXX	BUS14092-PA05X	576.4 [22.70]	557.3 [21.94]	484.8 [19.09]	446.1 [17.57]
BUS14092-XXXXXXXX	BUS14092-PA06X	604.8 [23.81]	585.8 [23.06]	512.4 [20.17]	474.6 [18.69]
BUS14092-XXXXXXXX	BUS14092-PA07X	681.0 [26.81]	662.0 [26.06]	592.4 [23.32]	550.8 [21.70]



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MARTIN ENGINEERING NEPONSET, IL USA		DRAWN JAH DATE 01/28/21		CHECKED	
TITLE		HD V-PIOW BELT WIDTH 18.00 THRU 48.00		ENG. JAH DATE 02/02/21	
DRAWING NUMBER		BUS14092-XXXXXXXX		APPROVED JES DATE 02/12/21	
BUS14092		BUS14092-XXXXXXXX		SCALE 1:4	