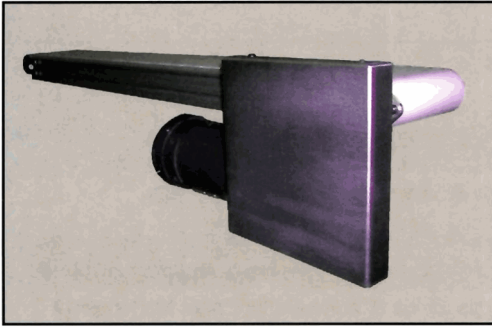
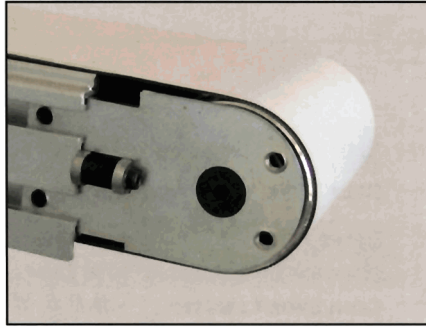


# 14 • LINK 2301

FULL-SIZE DRIVE FLAT- OR CLEATED-BELT CONVEYOR  
END DRIVE/SINGLE IDLER-END ROLLER



**LINK 2301** full-size end drive flat- or cleated-belt conveyor.

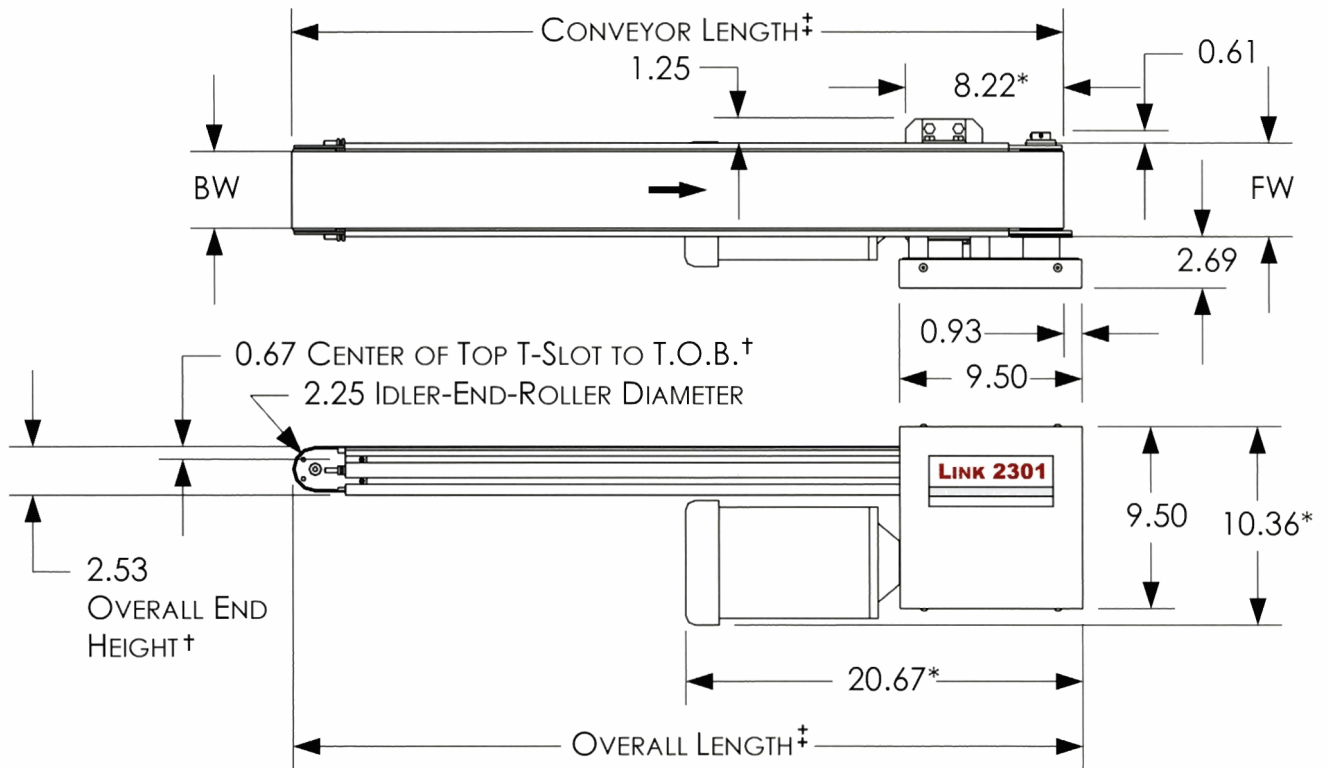


**LINK 2301** idler-end roller.

## ⚠ WARNING IMPORTANT SAFETY NOTE

**DUE TO THE WIDE VARIETY OF APPLICATION CONDITIONS, FINAL GUARDING IS THE RESPONSIBILITY OF THE END USER.**

**NOTE:** The **LINK 2301** is shown with a "STANDARD-HAND END DRIVE". An "OPPOSITE-HAND END DRIVE" is available. (An OPPOSITE-HAND END DRIVE is a mirror image along the center line of the conveying surface using the top view.)



### LINK SERIES MODEL 2301

FRAME (BOX BEAM OR PLATE & RAIL)<sup>§</sup>

MODEL	FRAME WIDTH (FW)	BELT WIDTH (BW)
<b>2301-01</b>	N/A	N/A
<b>2301-02</b>	2.88"	2.00"
<b>2301-04</b>	4.88"	4.00"
<b>2301-06</b>	6.88"	6.00"
<b>2301-08</b>	9.75"	8.00"
<b>2301-12</b>	13.75"	12.00"
<b>2301-18</b>	19.75"	18.00"

\* Dimension will vary with motor manufacturer and specifications needed.

† Top-of-Belt (T.O.B.) and OVERALL-END-HEIGHT dimensions are based on a 0.05 inch belt thickness. Thicker belts are available.

‡ Dimension will increase slightly when conveying belt is tensioned. Final conveyor length depends on cleat spacing needed if using a **CLEATED BELT**.

§ **LINK 2301** motor (drive) specifications on page 15 and more frame (BOX BEAM OR PLATE & RAIL) dimensions on page 16.

## LINK SERIES MODEL 2301

### PART NUMBER:

**2301-02-###.##-5000-A-OH**

"OH" is used when ordering an "OPPOSITE-HAND DRIVE" (see **NOTE:** on page 14).

**BELT TYPE:** Our **STANDARD BELT** is the **TYPE A**. See page 3 for more on belts.

**DRIVE (MOTOR):** The **LINK 2301** uses the drives in the table on this page. Ask your **ACS, Inc.** representative for information on drives other than those specified below.

**CONVEYOR LENGTH:** ... - ###.## - ... this series of numbers indicates the length of conveyor in inches (i.e.; 2301-02-034.50-... your conveyor is 34 ½ inches long). For a **LINK 2301** the minimum length is 12 inches, the maximum 240 inches. For a **LINK 2301** with a **CLEATED BELT** final conveyor length depends on the cleat spacing required.

**BELT WIDTH:** The **LINK 2301** uses a **FLAT- OR CLEATED- BELT** conveying surface.

**LINK 2301** is available in these **BELT WIDTHS: 2", 4", 6", 8", 12" & 18"**

**LINK SERIES MODEL:** The **LINK 2301** has a **BOX-BEAM OR PLATE & RAIL** frame with a **2.48 INCH OVERALL END HEIGHT** (see page 16 for more on frames), an **END DRIVE** and a **FLAT- OR CLEATED-BELT** conveying surface. The **LINK 2301** has a **SINGLE IDLER-END ROLLER**.

### MOTOR (DRIVE) SPECIFICATIONS

DRIVE No.	SPEED*	HP/V/Ø/FRAME		GEARBOX		CAPACITY†	
				RATIO	2301-02	-04, -06, -08, -12, & -18	
5000	N/A	No Motor Supplied No Reducer (Gear Box) Supplied		N/A	N/A	N/A	N/A
5101	20 fpm (Constant)	1/2 hp./	110 VAC / 1Ø / 56C TEFC	50:1	100 lbs.	120 lbs.	200 lbs.
5102	34 fpm (Constant)	1/2 hp./	110 VAC / 1Ø / 56C TEFC	30:1	100 lbs.	120 lbs.	200 lbs.
5103	41 fpm (Constant)	1/2 hp./	110 VAC / 1Ø / 56C TEFC	25:1	100 lbs.	120 lbs.	200 lbs.
5104	51 fpm (Constant)	1/2 hp./	110 VAC / 1Ø / 56C TEFC	20:1	100 lbs.	120 lbs.	200 lbs.
5105	68 fpm (Constant)	1/2 hp./	110 VAC / 1Ø / 56C TEFC	15:1	100 lbs.	120 lbs.	200 lbs.
5106	103 fpm (Constant)	1/2 hp./	110 VAC / 1Ø / 56C TEFC	10:1	100 lbs.	120 lbs.	200 lbs.
5107	20 fpm (Constant)	1/2 hp./	230/460 VAC / 3Ø / 56C TEFC	50:1	100 lbs.	120 lbs.	200 lbs.
5108	34 fpm (Constant)	1/2 hp./	230/460 VAC / 3Ø / 56C TEFC	30:1	100 lbs.	120 lbs.	200 lbs.
5109	41 fpm (Constant)	1/2 hp./	230/460 VAC / 3Ø / 56C TEFC	25:1	100 lbs.	120 lbs.	200 lbs.
5110	51 fpm (Constant)	1/2 hp./	230/460 VAC / 3Ø / 56C TEFC	20:1	100 lbs.	120 lbs.	200 lbs.
5111	68 fpm (Constant)	1/2 hp./	230/460 VAC / 3Ø / 56C TEFC	15:1	100 lbs.	120 lbs.	200 lbs.
5112	103 fpm (Constant)	1/2 hp./	230/460 VAC / 3Ø / 56C TEFC	10:1	100 lbs.	120 lbs.	200 lbs.
5113	10-103 fpm (Variable)	1/2 hp./	90 VDC / 56C TEFC <b>With Controller</b> (110 VAC 1Ø input to controller)	10:1	100 lbs.	120 lbs.	200 lbs.
5114	10-103 fpm (Variable)	1/2 hp./	90 VDC / 56C TEFC <b>Without Controller</b>	10:1	100 lbs.	120 lbs.	200 lbs.
5115	20 fpm (Constant)	<b>Reducer Only ‡</b> 56C		50:1	100 lbs.	120 lbs.	200 lbs.
5116	34 fpm (Constant)	<b>Reducer Only ‡</b> 56C		30:1	100 lbs.	120 lbs.	200 lbs.
5117	41 fpm (Constant)	<b>Reducer Only ‡</b> 56C		25:1	100 lbs.	120 lbs.	200 lbs.
5118	51 fpm (Constant)	<b>Reducer Only ‡</b> 56C		20:1	100 lbs.	120 lbs.	200 lbs.
5119	68 fpm (Constant)	<b>Reducer Only ‡</b> 56C		15:1	100 lbs.	120 lbs.	200 lbs.
5120	103 fpm (Constant)	<b>Reducer Only ‡</b> 56C		10:1	100 lbs.	120 lbs.	200 lbs.

\*Feet-per-minute (fpm) value given is with a full-capacity load. This value can be as much as 15% higher under lighter-load conditions.

†Capacity is total for live-load conditions.

‡A 1/2 hp. 1800 rpm motor is the reference value for the **Reducer Only's** adjacent reference values.