

4100 SERIES

LOW PROFILE CONVEYORS PAINTED STEEL



General Specifications:

- Flat Belt End Drive
- 1" (25 mm) diameter head & tail pulleys
- Belt Widths: 0.75" (19 mm) to 12" (305 mm)
- Lengths: 2' (610 mm) to 6' (1,829 mm)
- Loads up to 80 lbs (36 kg)

Applications:

- Metal Forming
- Metal Stamping
- Machined Part Handling
- Part Extraction

FLAT BELT END DRIVE **130**

PROFILES **198**

BELTING **200**

GEARMOTOR MOUNTING PACKAGES **203**

GEARMOTORS **210**

SUPPORT STANDS **218**

ACCESSORIES **223**

PART NUMBER REFERENCE **132**

4100 SERIES: FLAT BELT END DRIVE



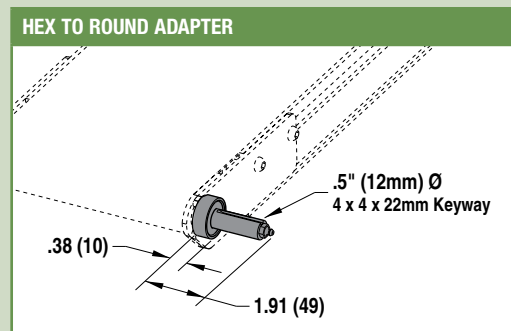
Specifications:

- Loads up to 80 lbs* (36 kg)
- Belt speeds up to 255 ft/min (78 m/min)
- Belt widths: 0.75" (19 mm) to 12" (305 mm)
- Conveyor lengths: 2' (610 mm) to 6' (1,829 mm)
- 1" (25 mm) diameter drive pulley turns approximately 3.4" (86 mm) of belt per revolution
- 12-gauge roll formed steel frame
- 1.5" (38 mm) bottom of frame to top of belt

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

Features & Benefits:

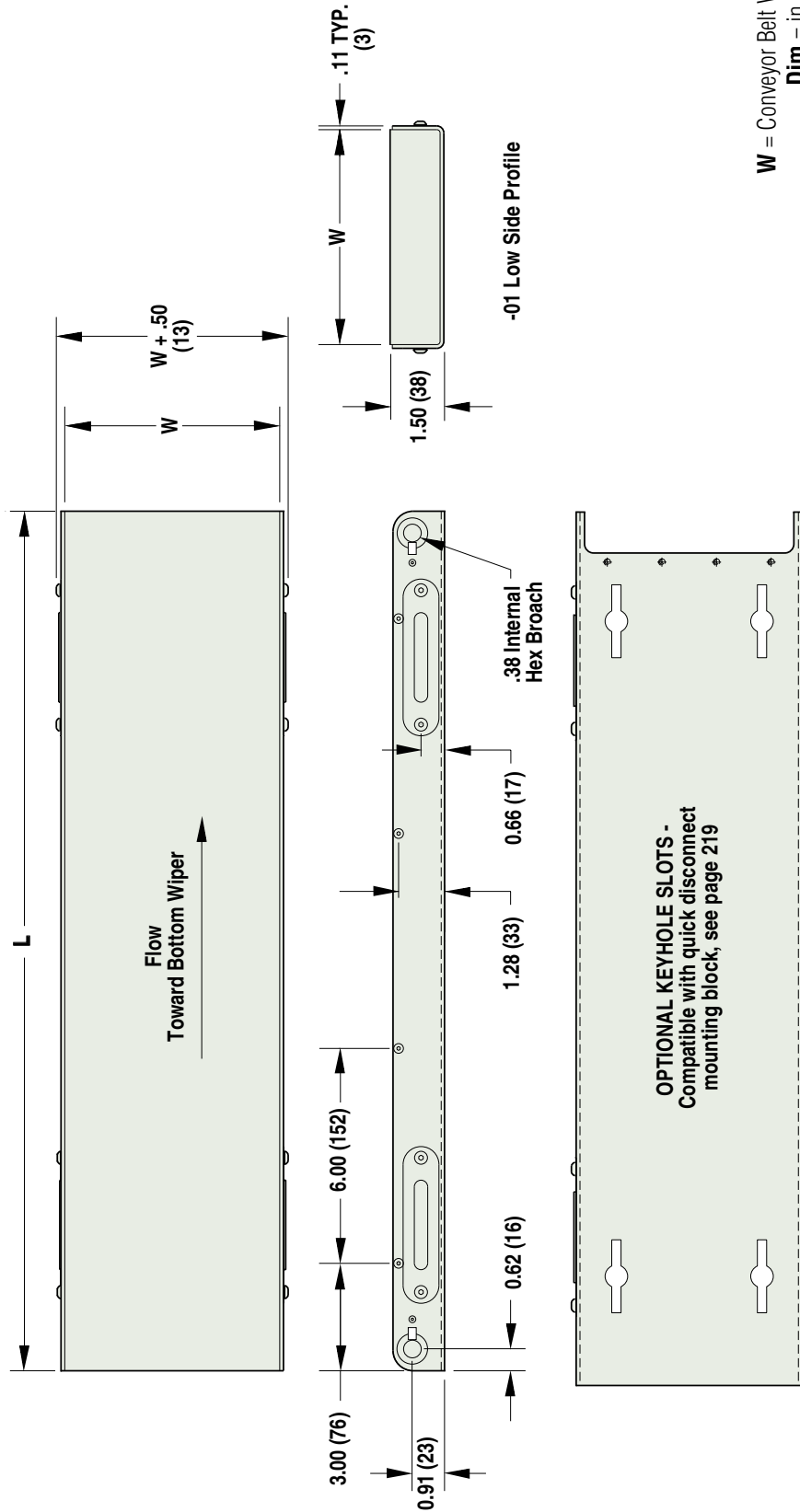
- Mild steel one-piece frame with 0.25" (6 mm) thick bed plate for strength and durability
- Durable baked enamel finish
- Low maintenance fixed pulley centers with no belt tracking requirements
- Magnetic models available
- Wide variety of profiles and accessories
- Durable 0.25" (6 mm) thick bottom wiper removes debris from belt
- Belt type and materials to match application requirements



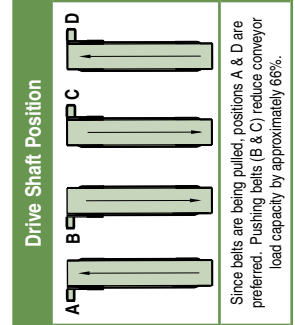
*Order gearmotor mounting packages and gearmotors separately, see pages 203-215.
For support stands and accessories, see pages 218-224.*

For ordering information, see page 132

4100 SERIES: FLAT BELT END DRIVE



W = Conveyor Belt Width
Dim = in (mm)



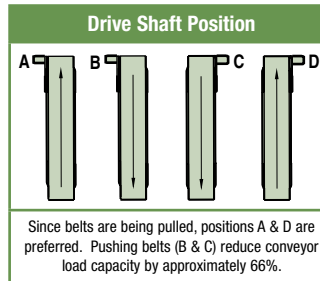
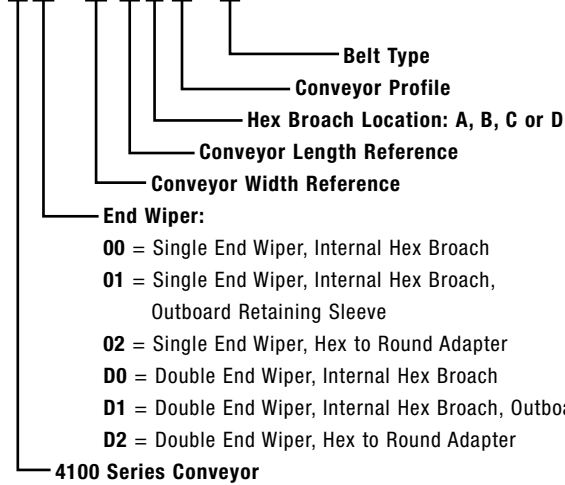
| STANDARD SIZES | | | | | | |
|---------------------------|-------------|--------------|------------------------|--------------|--------------|------------------------|
| Conveyor Width Reference | 01 | 02 | 03 | 04 | 06 | 08 12 |
| Conveyor Belt Width (W) | .75" (19mm) | 1.75" (44mm) | 2.75" (70mm) | 3.75" (95mm) | 6" (152mm) | 8" (203mm) 12" (305mm) |
| Conveyor Length Reference | 02 | | 01 increments up to... | | 06 | |
| Conveyor Length (L) | 2' (610mm) | | 1' increments up to... | | 6' (1,829mm) | |

For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

4100 SERIES: PART NUMBER REFERENCE

4100 SERIES: END DRIVE CONVEYOR

4100 B 02 03 A 02 / 02

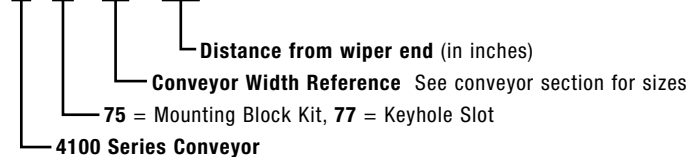


Example: 4100B0203A02/02

Description: 4100 Series End Drive Conveyor 2" (44) wide x 3' (914) long with hex broach located in the A position, high side profile and general purpose belt.

4100 SERIES: MOUNTING BLOCK OR KEYHOLE SLOT

43- 75 - WW - LLLL



Block 1 Example: 43-75-06-0300

Description: 4100 Series Mounting Block for 6" (152) wide conveyor, centered 3" (76) from wiper end the conveyor.

Block 2 Example: 43-75-06-3350

Description: 4100 Series Mounting Block for 6" (152) wide conveyor, centered 33.5" (851) from wiper end the conveyor.

These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and accurate quotes for all standard products in a matter of minutes.

For more information about any product or accessory, or to locate a local distributor, go to www.dorner.com.

4100 SERIES: PART NUMBER REFERENCE

4100 SERIES: HEX TO ROUND ADAPTER

43 - 38 - 02

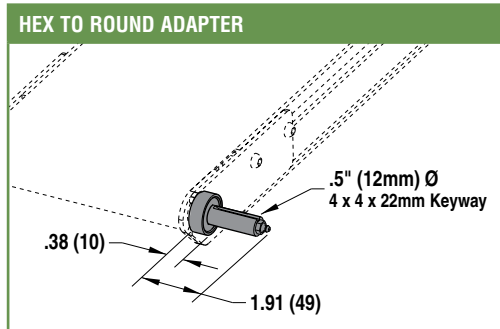
Conveyor Width Reference: **01** = .75" (19) wide (.5" diameter only)
02 = 1.75" (44) wide
03 = 2.75" (70) wide
04 = 3.75" (95) to 12" (305) wide

Shaft Diameter: **38** = .5", **48** = 12mm

4100 Series Conveyor

Example: 43-38-02

Description: 4100 Series hex to round adapter for 1.75" (44) wide conveyor, 0.5" diameter shaft.



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