

4100 & 6200 Series
LEGACY PRODUCTS

DORNER[®]
MOVE FAST. MOVE SMART.



FEATURES & BENEFITS
CONVEYOR ORDERING INFORMATION

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

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4100 SERIES: FLAT BELT END DRIVE



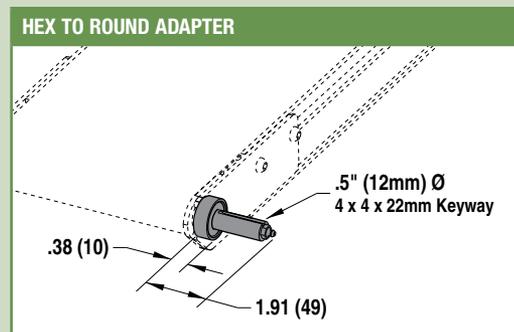
Specifications:

- 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.

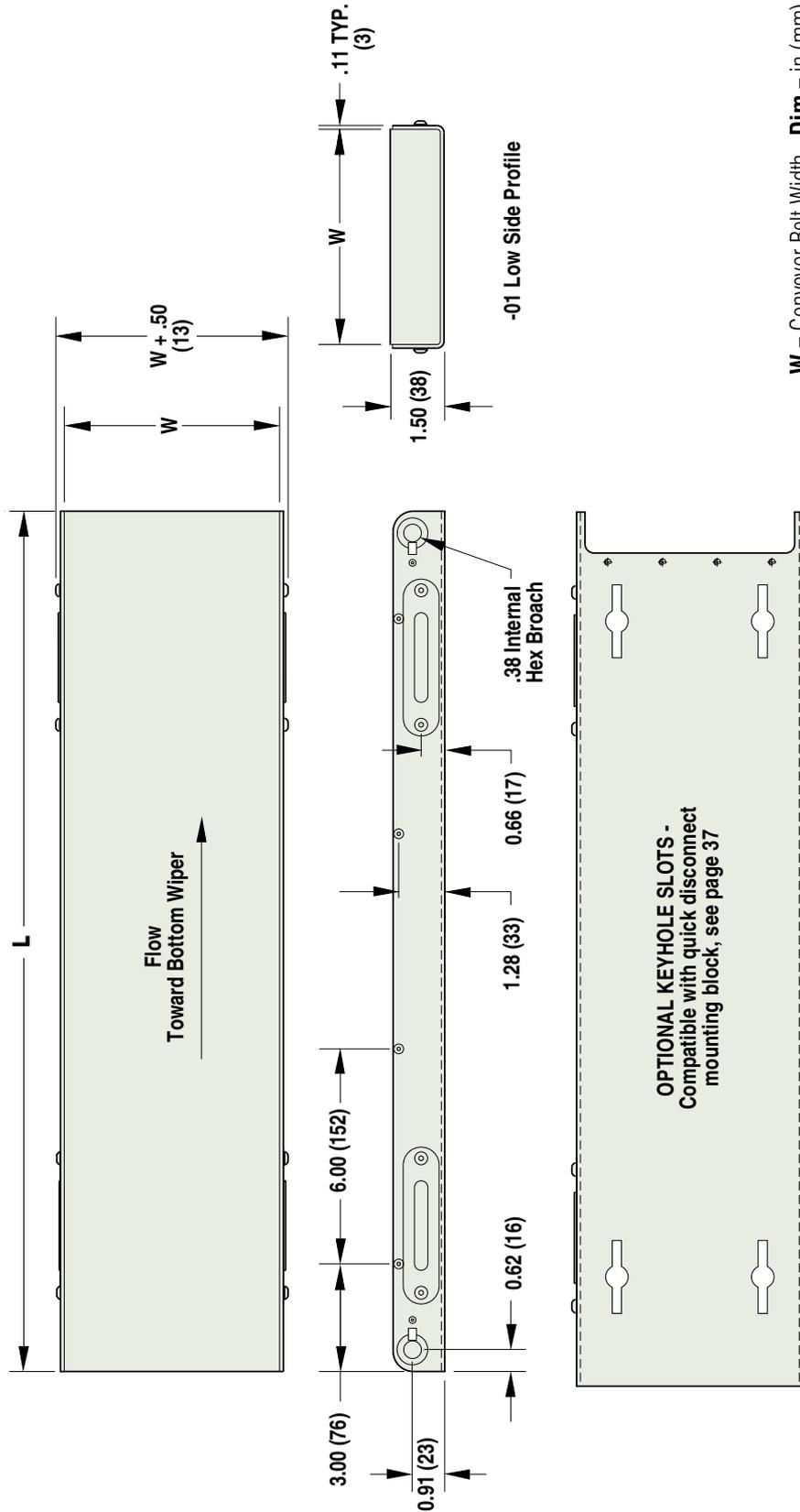
Features & Benefits:

- 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

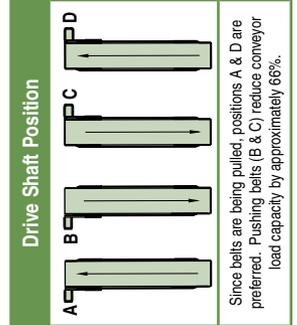


Order gearmotor mounting packages and gearmotors separately, see pages 21-35.
For support stands and accessories, see pages 36-42.

For ordering information, see page 6



W = Conveyor Belt Width **Dim** = in (mm)



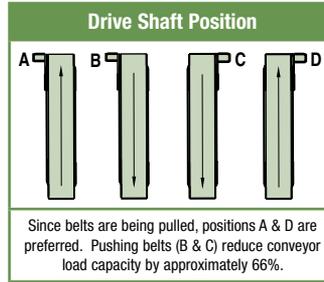
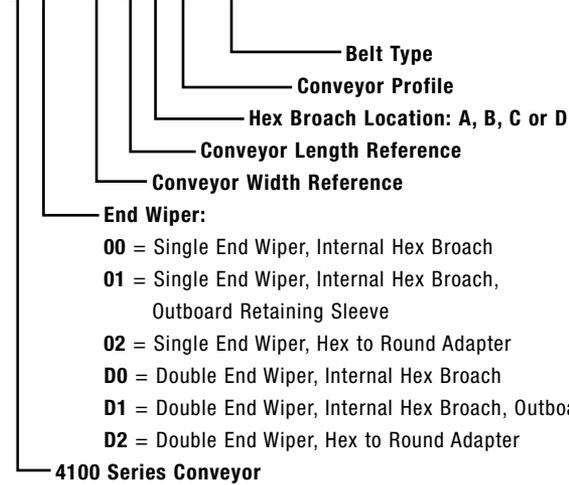
STANDARD SIZES						
Conveyor Width Reference	01	02	03	04	06	08 12
Conveyor Belt Width (W)	.75" (19mm)	1.75" (44mm)	2.75" (70mm)	3.75" (95mm)	6" (152mm)	8" (203mm) 12" (305mm)
Conveyor Length Reference	02		01 increments up to...		06	
Conveyor Length (L)	2' (610mm)		1' (305mm) increments up to...		6'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

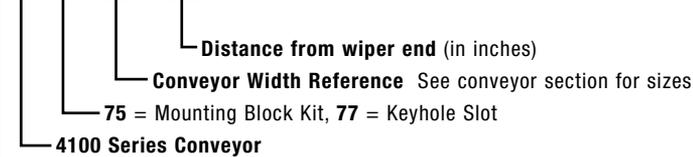


Example: 4100B0203A02/02

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

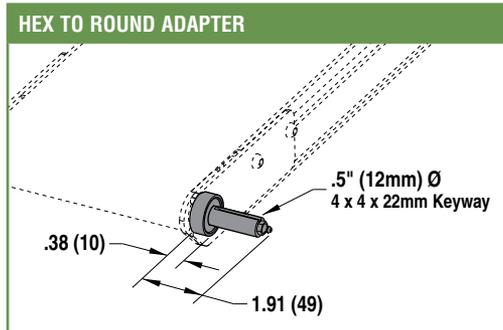
04 = 3.75" (95) to 12" (305) wide

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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6200 SERIES

LOW PROFILE CONVEYORS
STAINLESS STEEL

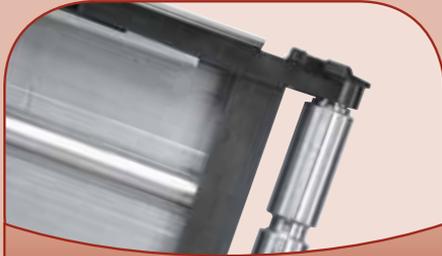


General Specifications:

- Flat Belt End and Center Drive, Cleated Belt End Drive models
- 1" (25 mm) diameter head and tail pulleys
- 1.75" (44 mm) to 12" (305 mm) belt widths
- Lengths: 2' (610 mm) to 12' (3,658 mm)
- Loads up to 120 lbs (54 kg)
- Sealed bearings
- CE models available

Applications:

- Metal Stamping
- Clean Room
- Part Extraction
- Small Part Transfer
- Manual Assembly
- Machined Part Handling



**Wedge-Lok[®]
System**



**V-Guided
Belts**



**Rack and Pinion
Belt Tension**

FLAT BELT END DRIVE **10**

FLAT BELT CENTER DRIVE **12**

CLEATED BELT END DRIVE **14**

PROFILES **17**

BELTING **18**

GEARMOTOR MOUNTING PACKAGES **21**

GEARMOTORS **28**

SUPPORT STANDS **36**

ACCESSORIES **41**

PART NUMBER REFERENCE **43**

6200 SERIES: FLAT BELT END DRIVE



Specifications:

- Loads up to 80 lbs* (36 kg)
- Belt speeds up to 150 ft/min (46 m/min)
- Belt widths: 1.75" (44 mm) to 12" (305 mm)
- Conveyor lengths: 2' (610 mm) to 12' (3,658 mm)
- 1" (25 mm) diameter drive pulley turns approximately 3.4" (86 mm) of belt per revolution
- 11 gauge stainless steel roll formed frame
- 1.5" (38 mm) bottom of frame to top of belt
- CE models available

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



OPTIONAL: Gang Drive Pulleys

Allows you to drive multiple conveyors with one gearmotor. Turns approximately 3.4" (86 mm) of belt per revolution.

Features & Benefits:

- Quick 5-minute belt change for increased uptime
- Rack and pinion design offers fast single-point belt tensioning
- Mild steel head and tail plates with black nitrite finish
- V-groove frame with guided belt ensures accurate tracking
- Wedge-Lok® system for impact protection
- Streamlined design fits where other conveyors do not
- Low maintenance sealed bearings in both head and tail pulleys
- Quick-clamp rail for easy mounting of bolt-on accessories
- Durable 0.25" (6 mm) thick bottom wiper
- Motion sensor switch ready



Wedge-Lok® System

What is it? The conveyor headplates, which retain the conveyor pulleys and belt tension racks, are slightly tapered.

What is the Advantage? In harsh or frequently changing production environments, equipment can be damaged as it is quickly moved to different applications. Dorner's patented Wedge-Lok® System protects the conveyor end from damage by locking the pulley end from movement on sharp impact.

*Order gearmotor mounting packages and gearmotors separately, see pages 21-35.
For support stands and accessories, see pages 36-42.*

For ordering information, see page 43

6200 SERIES: FLAT BELT CENTER DRIVE



**Gas-Spring
Belt Tensioner**

Constantly adjusts the belt tension and requires no shop air to operate.

Specifications:

- Loads up to 120 lbs* (54 kg)
- Belt speeds up to 150 ft/min (46 m/min)
- Belt widths: 1.75" (44 mm) to 12" (305 mm)
- Conveyor lengths: 2' (610 mm) to 12' (3,658 mm)
- 1" (25 mm) diameter tail pulleys
- 11 gauge stainless steel roll formed frame
- 1.5" (38 mm) bottom of frame to top of belt
- CE models available

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

Features & Benefits:

- Mild steel head and tail plates with black nitrite finish
- V-groove frame with guided belt ensures accurate tracking
- Center drive modules free up conveyor ends for machine or operator interface
- Center drive module can easily be repositioned along the length of the conveyor
- Streamlined design fits where other conveyors do not
- Low maintenance sealed bearings in both head and tail pulleys
- Quick-clamp rail for easy mounting of bolt-on accessories
- Durable 0.25" (6 mm) thick bottom wiper
- Motion sensor switch ready



**Wedge-Lok®
System**

What is it? The conveyor headplates, which retain the conveyor pulleys and belt tension racks, are slightly tapered.

What is the Advantage? In harsh or frequently changing production environments, equipment can be damaged as it is quickly moved to different applications. Dorner's patented Wedge-Lok® System protects the conveyor end from damage by locking the pulley end from movement on sharp impact.

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For ordering information, see page 43

6200 SERIES: CLEATED BELT END DRIVE



Specifications:

- Loads up to 80 lbs* (36 kg)
- Belt speeds up to 150 ft/min (46 m/min)
- Belt widths: 1.75" (44 mm) to 12" (305 mm)
- Conveyor lengths: 2' (610 mm) to 12' (3,658 mm)
- Cleats available from 0.24" (6 mm) to 2.36" (60 mm) high
- 1" (25 mm) diameter drive pulley turns approximately 3.4" (86 mm) of belt per revolution
- 11 gauge stainless steel roll formed frame
- 1.5" (38 mm) bottom of frame to top of belt
- CE models available

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

Features & Benefits:

- Quick five-minute belt change for increased uptime
- Rack and pinion design offers fast single-point belt tensioning
- Mild steel head and tail plates with black nitrite finish
- V-groove frame with guided belt ensures accurate tracking
- Wedge-Lok® system for impact protection
- Streamlined design fits where other conveyors do not
- Low maintenance sealed bearings in both head and tail pulleys
- Quick-clamp rail for easy mounting of bolt-on accessories
- Variety of cleat heights to meet application requirements
- Motion sensor switch ready



**Wedge-Lok®
System**

What is it? The conveyor headplates, which retain the conveyor pulleys and belt tension racks, are slightly tapered.

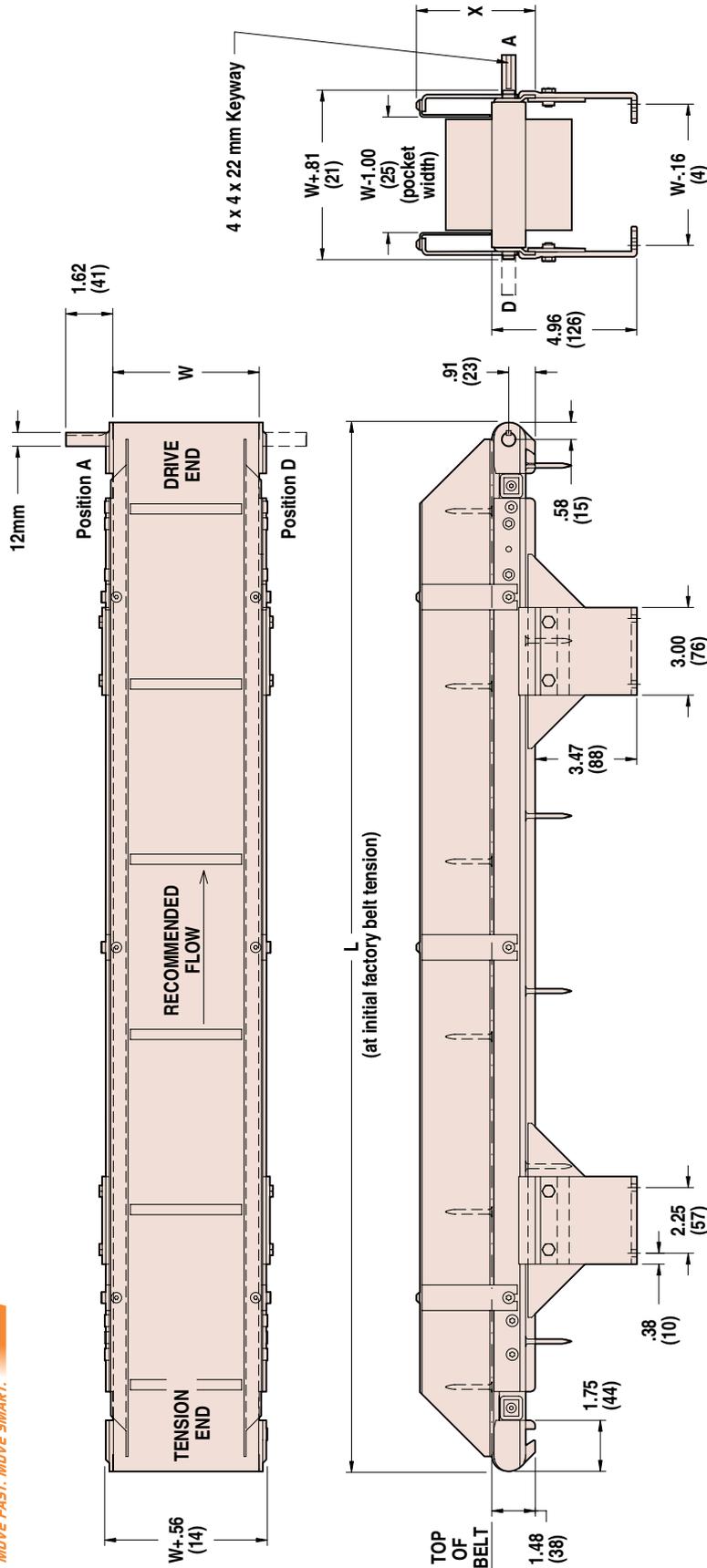
What is the Advantage? In harsh or frequently changing production environments, equipment can be damaged as it is quickly moved to different applications. Dorner's patented Wedge-Lok® System protects the conveyor end from damage by locking the pulley end from movement on sharp impact.

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For ordering information, see page 44



6200 SERIES: CLEATED BELT END DRIVE



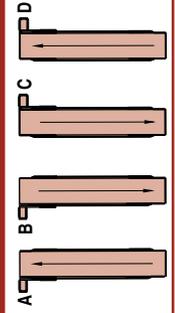
X = 2.70 (69) for A, F, G & H Cleats
 4.06 (103) for B, C, I & J Cleats

W = Conveyor Belt Width Dim = in (mm)

STANDARD SIZES

Conveyor Width Reference	02	03	04	05	06	08	10	12
Conveyor Belt Width (W)	1.75" (44mm)	2.75" (70mm)	3.75" (95mm)	5" (127mm)	6" (152mm)	8" (203mm)	10" (254mm)	12" (305mm)
Conveyor Length Reference	0200	0001 increments up to...						
Conveyor Length (L)	2' (610mm)	0.12' (3mm) increments up to... 12' (3,658mm)						

Drive Shaft Position

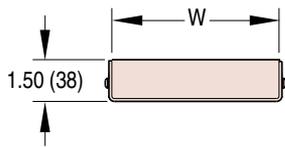


Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

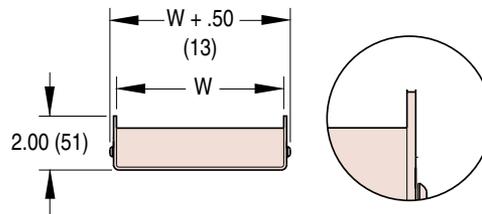
For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.

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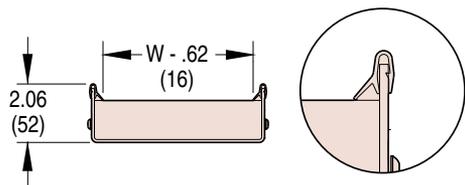
4100 SERIES PROFILES



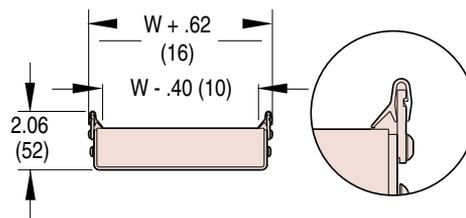
-01
Low Side



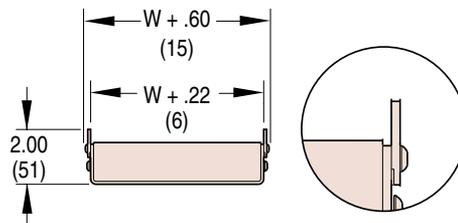
-02
High Side



-03*
Side Wiper



-07*
Low Side To Side Wiper



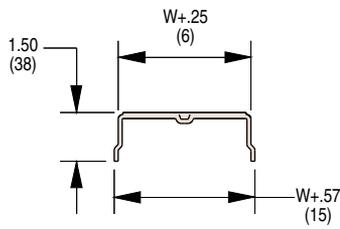
-09
0.5" (13) High Side

* Do not use with High Friction Belts

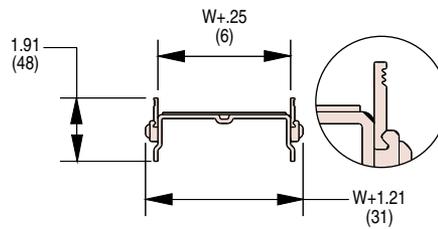
W = Conveyor Belt Width

Dim = in (mm)

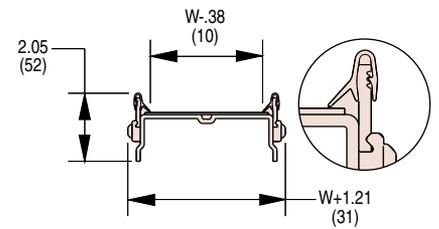
6200 SERIES PROFILES



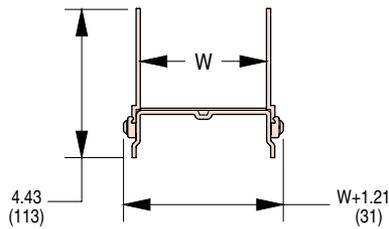
-01
Low Side



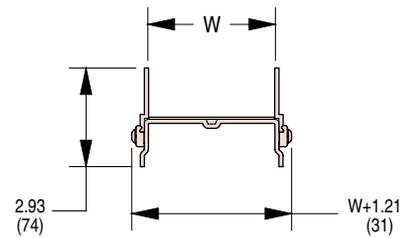
-02
.5" (13) Bolt-On High Side



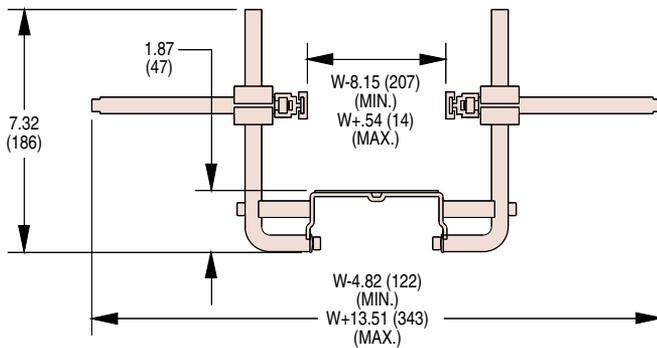
-03*
Bolt-On Side Wiper



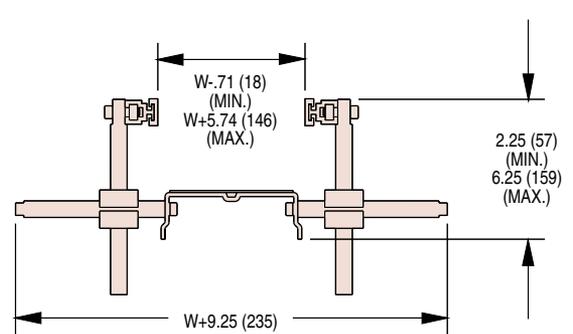
-04
3" (76) Bolt-On High Side



-05
1.5" (38) Bolt-On High Side



-13
Fully Adjustable UHMW Guide



-20
Adjustable Width UHMW Guide

* Do not use with High Friction Belts

W = Conveyor Belt Width

Dim = in (mm)

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

4100 & 6200 SERIES: STANDARD BELTING



Standard Belt Selection Guide

Standard belt material is stocked at Dorner, then cut and spliced at the factory for fast conveyor shipment.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper	Belt Specifications	Thickness	Surface Material	Carcass Material	Maximum Part Temperature	Coefficient of Friction	FDA Approved	Anti-Static	Static Conductive	Chemical Resistance	Special Characteristics or Applications
01	A1	1A	FDA Accumulation	0.067" (1.7)	Urethane	Polyester	212°F (100°C)	Low	x	x		Good	Packaging, clean room & inspection
02	A2	2A	General Purpose	0.071" (1.8)	Urethane	Polyester	212°F (100°C)	Med	x	x		Good	Most versatile belt offering
03	A3	3A	FDA High Friction	0.067" (1.7)	Urethane	Polyester	212°F (100°C)	High	x	x		Good	Packaging, clean room & inspection
05	A5	5A	Accumulation	0.047" (1.2)	Urethane	Polyester	212°F (100°C)	V-Low	x	x		Good	Accumulation of products
06	A6	6A	Electrically Conductive	0.063" (1.6)	Urethane	Polyester	176°F (80°C)	Low		x	x	Good	Electronics Handling
08	A8	8A	High Friction	0.083" (2.1)	PVC	Polyester	158°F (70°C)	V-High		x		Poor	Conveys up to 35° inclines*

Dim = in (mm)

Note: See below for splice details. Plastic Clipper splice requires longer lead times.

Note: Belts with V-guiding may have a slight high spot or rib on the top surface. This rib would run longitudinally along the center of the belt. Consult factory with applications for which this may cause interference.

* Incline varies due to factors like dust, fluids and part material.

BELT SPLICING



Finger Splice

All belts are available with a standard Thermoformed finger splice. This splice makes the belt continuous and is virtually undetectable. Splice bonding methods vary by belt type. Consult factory for details.



Plastic Clipper**

An optional plastic clipper splice is available for quick removal of belts or when conveyors are installed in tight spaces.



Metal Clipper**

An optional metal clipper splice is also available for quick removal of belts or when conveyors are installed in tight spaces.

** See belt charts for compatibility. Not for use with 6200 Series with bottom wiper option. Plastic and Metal Clippers are slightly thicker than base belt. Contact factory for details.

4100 & 6200 SERIES: SPECIALTY BELTING



Specialty Belt Selection Guide

Specialty belt material is not stocked at Dorner and needs to be custom ordered for your special conveyor needs.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper	Belt Specifications	V-guided	Belt Thickness	Surface Material	Maximum Part Temperature	Coefficient of Friction	FDA Approved	Chemical Resistance	Special Characteristics or Applications
50			Heat Resistant		0.05 (1.3)	Silicone	356°F (180°C)	Low		Good	
53			Translucent & Nosebar, Accumulation		0.02 (0.5)	Urethane	212°F (100°C)	V-Low	x	Good	Back Lit inspection & Very Small Product Transfer
54	F4	4F	FDA Sealed Edge**	x	0.06 (1.6)	Urethane	176°F (80°C)	Low	x	Good	Packaging, clean room & inspection
55	F5	5F	FDA Sealed Edge**	x	0.06 (1.6)	Urethane	176°F (80°C)	High	x	Good	Packaging, clean room & inspection
56		6F	Cut Resistant	x	0.08 (2.1)	Urethane	212°F (100°C)	Med.		Good	Oily product release, Metal stamping
57		7F	Cut Resistant*	x	0.10 (2.5)	Nitrile	176°F (80°C)	Med.		Poor	Felt-like, dry metal stamping, glass & ceramic
58		8F	Cut Resistant		0.06 (1.5)	Urethane	176°F (80°C)	Low		V-Good	Cross-linked surface, Gold colored
59	F9	9F	Color Contrasting	x	0.06 (1.5)	PVC	158°F (70°C)	Med.		Poor	Black colored, hides overspray from ink jet
60	G0	0G	Color Contrasting	x	0.05 (1.3)	Urethane	212°F (100°C)	Low	x	Good	Green colored
61	G1	1G	Color Contrasting	x	0.05 (1.3)	Urethane	212°F (100°C)	Low	x	Good	Blue colored
63		3G	Electrically Conductive	x	0.05 (1.2)	Urethane	176°F (80°C)	Low		Good	Static conductive, electronics handling
64		4G	High Friction	x	0.17 (4.4)	PVC	194°F (90°C)	V-High		Poor	Dark Green colored, rough top surface, product cushioning, incline / decline apps
66		6G	Chemical Resistant	x	0.07 (1.7)	Polyester	212°F (100°C)	Med.	x	V-Good	Good Cut resistance, metal stamping apps
67		7G	Low Friction Cleated	x	0.06 (1.6)	Polyester	212°F (100°C)	n/a	x	Good	Excellent product release, consult factory for part number and how to specify low friction

Dim = in (mm)

Note: Plastic Clipper splice requires longer lead times.

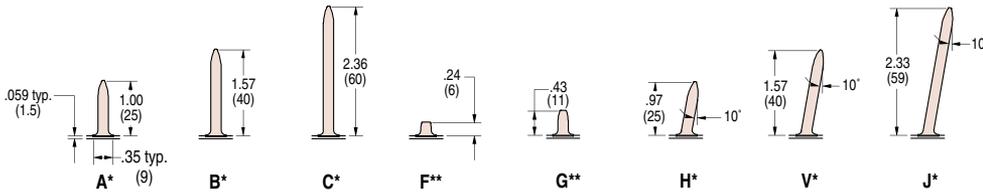
Note: Belts with V-guiding may have a slight high spot or rib on the top surface. This rib would run longitudinally along the center of the belt.

Consult factory with applications for which this may cause interference.

* 12" (305 mm) wide conveyor maximum for non V-guided

** Not available on 2" (51 mm) wide conveyors.

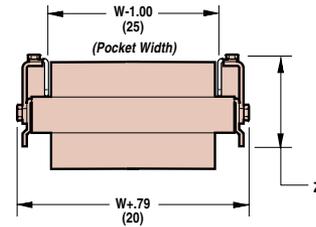
4100 & 6200 SERIES: STANDARD CLEATED BELTING



- * Maximum 20" (508 mm) cleat spacing for 18" and wider conveyors with lengths greater than 7' (2,134 mm)
- ** 18" and wider conveyors have a maximum length of 7' (2,134 mm)

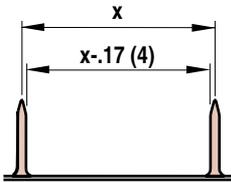
Base Belt Material: 0.059" (1.5 mm) thick, high friction FDA approved urethane, 176°F (80°C) maximum part temperature. See Specialty Belt 67 for low friction base belt material.

Note: Minimum cleat spacing is approximately 2" (50 mm). Consult Factory.



Z = 2.68" (68) for A, F, G & H Cleats
4.04" (102) for B, C, V & J Cleats
W = Conveyor Belt Width

CLEAT SPACING (6200 Series only)



Tolerance ± .08 (2)

Steps:

- 1) Refer to Formulas below
- 2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down
- 3) Use formula 2 to get the cleat space reference for the conveyor part number

Formula 1

$$\text{Number of Cleats} = \frac{(\text{Conveyor Length in feet} \times 24) + 1.00}{\text{Desired cleat spacing in inches (x)}}$$

Example

Using a 6' long conveyor and 6" cleat spacing

$$\text{Number of Cleats} = \frac{(6 \times 24) + 1.00}{6} = \frac{145}{6} = \mathbf{24 \text{ Cleats (rounded)}}$$

Formula 2

$$\text{Cleat Space Reference (x)} = \frac{(\text{Conveyor Length in feet} \times 24) + 1.00}{\text{Number of Cleats from Formula 1}}$$

Example

Using a 6' long conveyor and 24 cleats

$$\text{Cleat Spacing in inches (x)} = \frac{(6 \times 24) + 1.00}{24 \text{ cleats}} = \frac{145}{24} = \mathbf{6.04 \text{ or } 0604 \text{ Cleat Reference}}$$

4100 & 6200 SERIES: GEARMOTOR MOUNTING PACKAGES

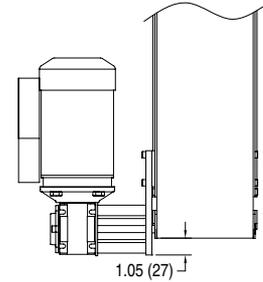
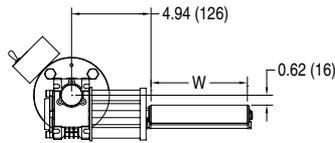
GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

- Step 1:** Select a **Gearmotor Mounting Package**. For End drive conveyors, select a side, bottom or top drive mount (pages 22-23). If a Center Drive conveyor is being outfitted, refer to the Center Drive section page 26. Be sure to note if it is for a **90°** or **Parallel Shaft Gearmotor**.
- Step 2:** Using **Belt Speed and Load** Requirements, determine the required **Gearmotor Type** (Light, Heavy or Standard) for your application using the chart below.
- Step 3:** Find the appropriate set of Belt Speed Charts (page 24 & 27) for the Mounting Package you selected and choose between the **Fixed** or **Variable Speed** chart.
- Step 4:** Go down the first column of the Belt Speed Chart and locate the required **Belt Speed** for your application. If the desired belt speed is not listed, round up to the next higher speed.
- Step 5:** From the row containing your required **Belt Speed**, check to be sure that speed is available for the **Mount Package** you chose. (End Drive Only - Top, Bottom or Side)
- Step 6:** Use the Drive / Driven Pulley Kit combination to complete your Mounting Package Part Number
- Step 7:** Note the **RPM from Gearmotor**, it will be needed to select the correct Gearmotor from the Gearmotor Chart.
- Step 8:** Reference the **Gearmotor Chart #** to locate a compatible Gearmotor Chart on pages 28-35. Be sure to select a Gearmotor Chart to match your **Gearmotor Type** (Light, Standard or Heavy) and your **Mounting Package** while meeting your electrical requirements. (Red = Parallel Shaft or Blue = 90°)
- Step 9:** Using the **RPM from Gearmotor** (Step 6), locate the **Part Number** for your Gearmotor from the Gearmotor Table.

GEARMOTOR TYPE	Conveyor Load - Lbs (Kg)											
	Light Load	20 (9.1)	30 (13.6)	40 (18.2)	50 (22.7)	60 (27.3)	70 (31.8)	80 (36.4)	90 (40.9)	100 (45.5)	110 (50)	120 (54.5)
	Standard Load	10 (4.5)	20 (9.1)	30 (13.6)	40 (18.2)	50 (22.7)	60 (27.3)	70 (31.8)	80 (36.4)	90 (40.9)	100 (45.5)	110 (50)
Heavy Load	0-15 (0-4.6)											
16-30 (4.9-9.1)												
31-45 (9.5-13.7)												
46-60 (14-18.3)												
61-75 (18.6-22.9)												
76-90 (23.2-27.4)												
91-110 (27.7-33.5)												
111-130 (33.8-39.6)												
131-150 (39.9-45.7)												
151-175 (46-53.4)												
176-200 (53.7-61)												
201-225 (61.3-68.6)												
226-250 (68.9-76.2)												
251-275 (76.5-83.8)												

4100 & 6200 SERIES: END DRIVE MOUNTING PACKAGES

Side Mount Package, 90° Gearmotor

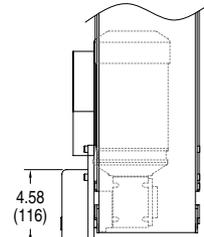
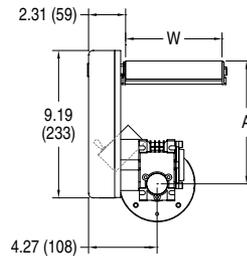


Standard load gearmotors only

- Includes gearmotor mounting bracket, coupling, coupling guard and mounting hardware

W = Conveyor Belt Width

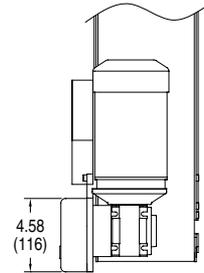
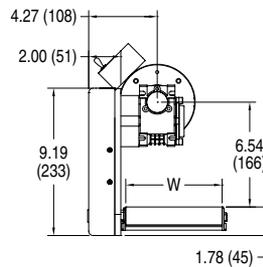
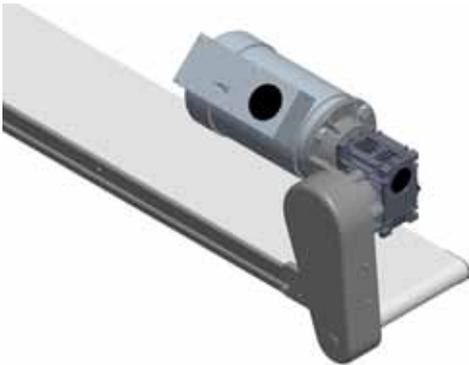
Bottom Mount Package, 90° Gearmotor



- Includes gearmotor mounting bracket, timing belt and pulleys, guard cover and mounting hardware

W = Conveyor Belt Width

Top Mount Package, 90° Gearmotor

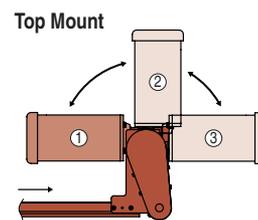
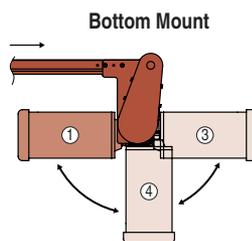
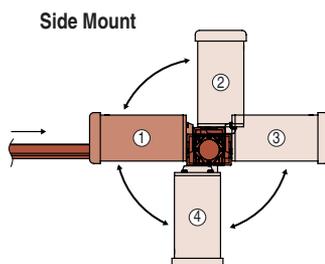


A: Flat Belt = 5.30 (135)
Cleated Belt = 7.66 (195)

- Includes gearmotor mounting bracket, timing belt and pulleys, guard cover and mounting hardware

W = Conveyor Belt Width

90° Gearmotor Location Options



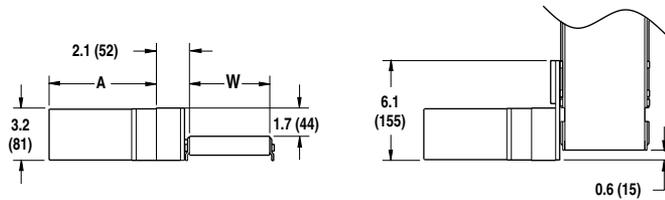
Notes:

- Position 1 recommended
- Vertical positions 2 and 4 may require additional stabilizing bracket

Consult factory for details

4100 & 6200 SERIES: END DRIVE MOUNTING PACKAGES

Side Mount Package, Parallel Shaft Gearmotor



A:	Light Load, Fixed Speed	= 4.6 (117)
	Light Load, Variable Speed	= 6.7 (170)
	Light Load CE Fixed Speed	= 7.2 (183)

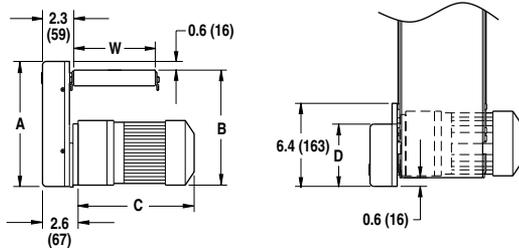


Light load gearmotors only

- Includes gearmotor mounting bracket, coupling, coupling guard and mounting hardware

W = Conveyor Belt Width

Bottom Mount Package, Parallel Shaft Gearmotor



A:	Light Load Flat Belt	= 6.9 (175)
	Light Load Cleated Belt	= 8.9 (226)
	Standard Load Flat Belt	= 9.2 (234)
	Standard Load Cleated Belt	= 9.2 (234)
B:	Light Load Flat Belt	= 6.2 (158)
	Light Load Cleated Belt	= 8.3 (211)
	Standard Load Flat Belt	= 8.5 (216)
	Standard Load Cleated Belt	= 10.3 (262)

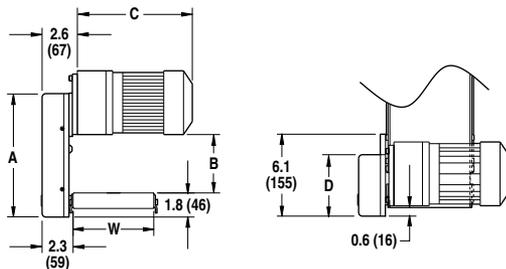
C:	Light Load Flat Belt	= 6.7 (170)
	Light Load, Variable Speed	= 6.7 (170)
	Standard Load Flat Belt	= 10.5 (267)
	Standard Load Cleated Belt	= 10.5 (267)
D:	Light Load Flat Belt	= 6.1 (155)
	Light Load Cleated Belt	= 5.6 (142)
	Standard Load Flat Belt	= 4.6 (116)
	Standard Load Cleated Belt	= 4.6 (116)



- Includes gearmotor mounting bracket, timing belt and pulleys, guard cover and mounting hardware

W = Conveyor Belt Width

Top Mount Package, Parallel Shaft Gearmotor



A:	Light Load	= 8.9 (226)
	Standard Load	= 9.2 (234)
B:	Light Load	= 3.3 (84)
	Standard Load	= 4.3 (110)

C:	Light Load	= 6.7 (170)
	Standard Load	= 10.5 (267)
D:	Light Load	= 5.6 (142)
	Standard Load	= 4.6 (116)



- Includes gearmotor mounting bracket, timing belt and pulleys, guard cover and mounting hardware

W = Conveyor Belt Width

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user. Dimensions = in (mm)

4100 & 6200 SERIES: BELT SPEED CHARTS

Refer to the Gearmotor Selection Steps on page 21 for instructions on using the Belt Speed Charts.

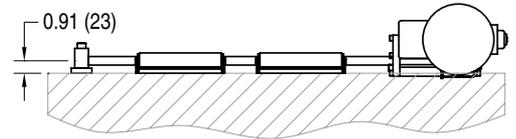
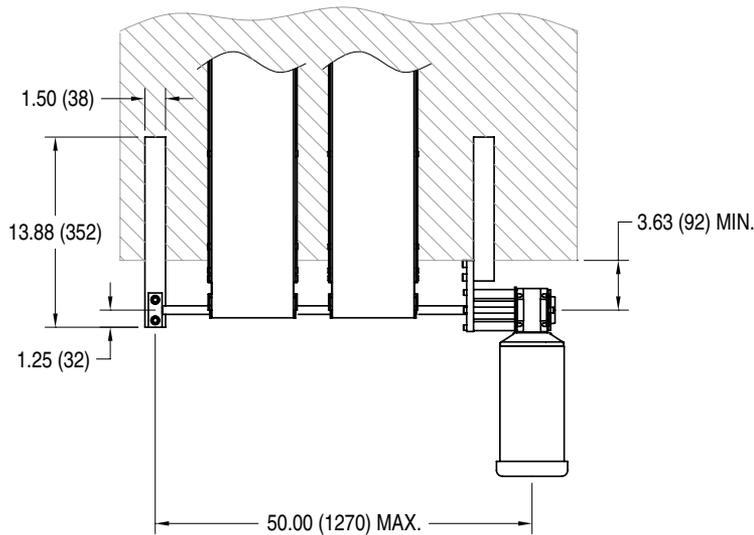
Fixed Speed									
Belt Speed *		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart #		
ft/min	m/min		Top & Bottom	Side	Drive Pulley	Driven Pulley	Light Load	Standard Load	Heavy Load
2	0.6	10	x		22	32		5	
3	0.9	10	x		28	28		5	
5	1.5	10	x		44	22		5	
6	1.8	29	x		19	32		4	12, 13
10	3.0	29	x	x	28	28		4, 5	12, 13
13	4.0	42	x		28	32	1		
15	4.6	42	x	x	28	28	1		
15	4.6	43	x	x	28	28		4	12, 13
16	4.9	29	x		44	28		4, 5	12, 13
21	6.4	42	x		32	22	1		
24	7.3	43	x		44	28		4	12, 13
29	8.8	42	x		44	22	1		
30	9.1	86	x	x	28	28		4, 5	12, 13
35	10.7	100	x	x	28	28	1		
48	14.6	86	x		44	28		4, 5	12, 13
55	16.8	100	x		44	28	1		
61	18.6	173	x	x	28	28		4, 5	12, 13
95	29.0	173	x		44	28		4, 5	12, 13
104	31.7	173	x		48	28		4, 5	12, 13
121	36.9	345	x	x	28	28		4, 5	12, 13
138	42.1	345	x		32	28		4, 5	12, 13
176	53.6	345	x		32	22		4, 5	12, 13
208	63.4	345	x		48	28		4, 5	12, 13
242	73.8	345	x		44	22		4, 5	12, 13
264	80.5	345	x		48	22		4, 5	12, 13
CE Gearmotor RPM at 50 Hz									
5	1.5	23*	x		19	32		6	
8	2.4	23*	x	x	28	28		6	
12	3.7	35*	x	x	28	28		6	
19	5.8	35*	x		44	28			
21	6.4	41*	x		32	22	2		
25	7.6	70*	x	x	28	28		6	
39	11.9	70*	x		44	28		6	
49	14.9	140*	x	x	28	28		6	
50	15.2	144*	x	x	28	28	2		
77	23.5	140*	x		44	28		6	
96	29.3	280*	x	x	28	28		6	
112	34.1	280*	x		32	28		6	
143	43.6	280*	x		32	22		6	
169	51.5	280*	x		48	28		6	
197	60.0	280*	x		44	22		6	
214	65.2	280*	x		48	22		6	
268	81.7	280*	x		60	22		6	

Variable Speed									
Belt Speed *		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart #		
ft/min	m/min		Top & Bottom	Side	Drive Pulley	Driven Pulley	Light Load	Standard Load	Heavy Load
0.4 - 3.4	0.1 - 1.0	14	x		22	32		10	
0.6 - 5	0.2 - 1.5	14	x		28	28		10	
0.6 - 6	0.2 - 1.8	29	x		19	32		8	15, 16
1 - 10	0.3 - 3.1	29	x		28	28		8, 11	15, 16
1.8 - 14	0.5 - 4.5	42	x	x	28	28	3	7, 10	14
1.5 - 15	0.5 - 4.6	43	x		28	28		8	15, 16
2.6 - 22	0.8 - 6.7	63	x	x	28	28		7	14
2.8 - 23	0.8 - 7	42	x		44	28	3	7	14
3.5 - 29	1.1 - 9	83	x		28	28		10	
3 - 30	0.9 - 9.2	86	x		28	28		8, 11	15, 16
5.3 - 44	1.6 - 13	125	x	x	28	28		7, 10	14
6 - 49	1.8 - 15	139	x	x	28	28	3		
6 - 60	1.8 - 18	173	x		28	28		8, 11	15, 16
9 - 77	2.8 - 23	139	x		44	28	3		
10 - 88	3.2 - 27	250	x	x	28	28		7, 10	14
10 - 104	3.2 - 32	173	x		48	28		8, 11	15, 16
12 - 121	3.7 - 37	345	x		28	28		8, 11	15, 16
17 - 138	5 - 42	250	x		44	28		7, 10	14
21 - 176	6.4 - 54	500	x	x	32	32		7, 10	14
26 - 264	8.1 - 81	345	x		48	22		8, 11	15, 16
33 - 276	10 - 84	500	x		44	28		7, 10	14
CE RPM from CE/50 Hz gearmotors VFD drive at 63 Max. Hz. output									
2.4 - 6	0.7 - 1.9	23*	x		19	32		9	
4.1 - 10	1.2 - 3.1	23*	x	x	28	28		9	
6 - 15	1.9 - 4.7	35*	x	x	28	28		9	
12 - 31	3.7 - 9.4	70*	x	x	28	28		9	
25 - 62	7.5 - 19	140*	x	x	28	28		9	
39 - 97	12 - 30	140*	x		44	28		9	
49 - 124	15 - 38	280*	x	x	28	28		9	
77 - 195	23 - 59	280*	x		44	28		9	
107 - 270	33 - 82	280*	x		48	22		9	

Note: Red = Parallel Shaft, Blue = 90°

* 6200 Series has a max belt Speed of 150 ft/min (46 m/min)

4100 & 6200 SERIES: GANG DRIVE MOUNTING PACKAGES



Includes motor mounting bracket, 4' (1,219 mm) hex shaft, coupling, shaft guard, support block and support block bracket.

Notes:

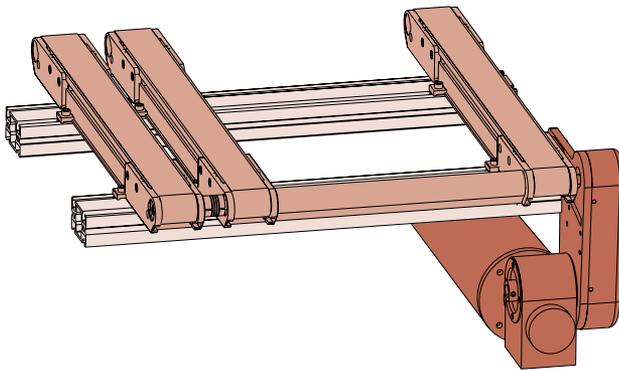
- Conveyors cannot be secured to bolster plate
- Order conveyor with gang drive option separately
- Order gearmotor separately (90° Standard and Heavy Load only)
- Positions 2 and 3 recommended

Note: Dimensions = in (mm)



For ordering information, see page 44

COMMON DRIVE SET-UP



Includes mounting structure, drive shaft, shaft guard and conveyor mounting hardware. Order gearmotor and gearmotor mounting package separately. Consult factory with conveyor and spacing details. Conveyors are secured to sub-structure at fixed centerline locations.

Common drive set ups can be customized to your exact specifications, just provide the conveyor widths, lengths, quantity and centerline spacing. Available with top, bottom or side mount packages for standard or heavy load gearmotors. Consult factory with details.

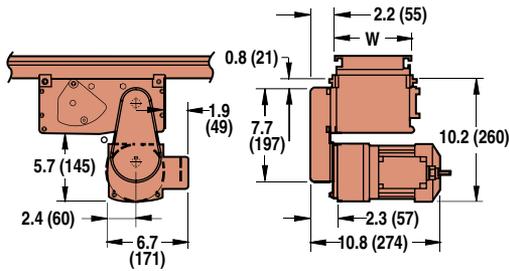
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

4100 & 6200 SERIES: CENTER DRIVE MOUNTING PACKAGES

Refer to the Gearmotor Selection Steps on page 21 for instructions on using the Belt Speed Charts.

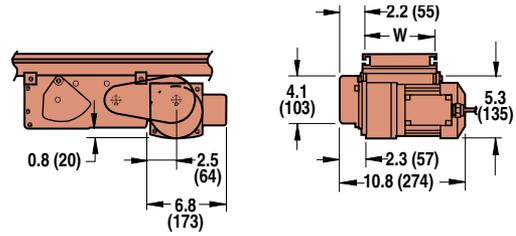
TYPE 1 - Vertical Mount

Parallel Shaft Gearmotor

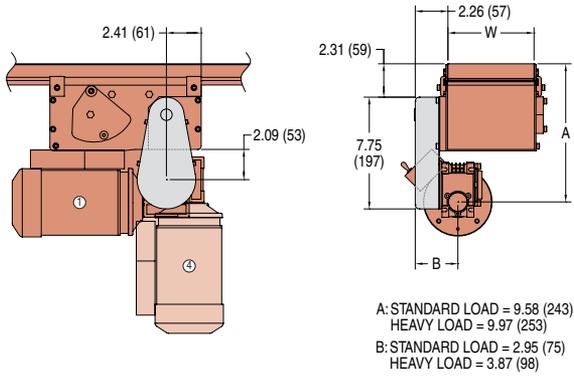


TYPE 2 - Horizontal Mount

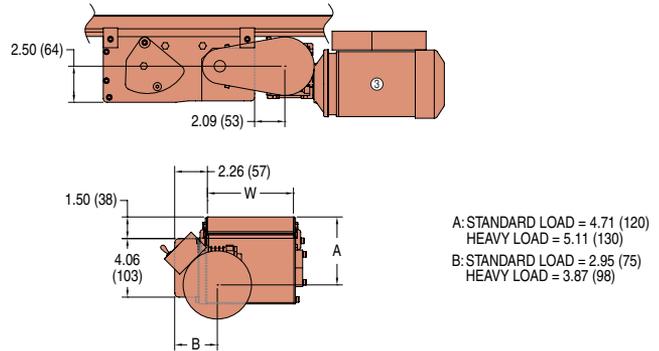
Parallel Shaft Gearmotor



90° Gearmotor



90° Gearmotor



TYPE 2 recommended for tight spaces and allows for easy access to the drive module.

* Gearmotor not included in mounting package, see page 30 for gearmotor ordering information. Dimensions = in (mm)

4100 & 6200 SERIES: CENTER DRIVE BELT SPEED CHARTS

Refer to the Gearmotor Selection Steps on page 21 for instructions on using the Belt Speed Charts.

Fixed Speed						
Belt Speed		RPM From Gearmotor	Pulley Kit		Gearmotor Chart #	
ft/min	m/min		Drive Pulley	Driven Pulley	Standard Load	Heavy Load
2	0.6	10	22	32	5	
3	0.9	10	32	32	5	
6	1.8	29	19	32	4	12, 13
10	3.0	29	32	32	4, 5	12, 13
15	4.6	43	32	32	4	12, 13
20	6.1	58	32	32	5	
23	7.0	43	48	32	4	12, 13
30	9.1	86	32	32	4, 5	12, 13
61	18.6	173	32	32	4, 5	12, 13
91	27.7	173	48	32	4, 5	12, 13
121	36.9	345	32	32	4, 5	12, 13
154	46.9	345	28	22	4, 5	12, 13
181	55.2	345	48	28	4, 5	12, 13
208	63.4	345	48	28	4, 5	12, 13
264	80.5	345	48	22	4, 5	12, 13
Ⓒ Gearmotor RPM at 50 Hz.						
5	1.5	23	19	32	6	
8	2.4	23	32	32	6	
12	3.7	35	32	32	6	
18	5.5	35	48	32	6	
25	7.6	70	32	32	6	
37	11.3	70	48	32	6	
49	14.9	140	32	32	6	
74	22.6	140	48	32	6	
98	29.9	280	32	32	6	
148	45.1	280	48	32	6	
169	51.5	280	48	28	6	
214	65.2	280	48	22	6	
248	75.6	280	48	19	6	

Note: Red = Parallel Shaft, Blue = 90°

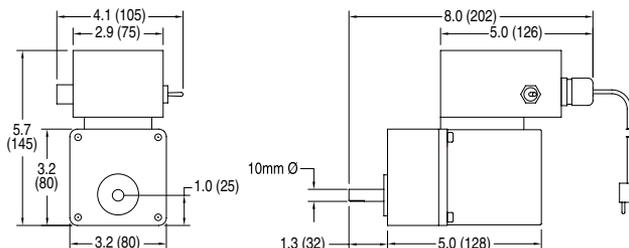
Variable Speed						
Belt Speed		RPM From Gearmotor	Pulley Kit		Gearmotor Chart #	
ft/min	m/min		Drive Pulley	Driven Pulley	Standard Load	Heavy Load
0.4 - 3.4	0.1 - 1.0	14	22	32	10	
0.6 - 4.9	0.2 - 1.5	14	32	32	10	
0.7 - 6	0.2 - 1.8	29	19	32	8	15, 16
1.0 - 9	0.3 - 2.6	42	19	32	7, 10	14
1.2 - 10	0.4 - 3.1	29	32	32	8, 11	15, 16
1.8 - 15	0.5 - 4.5	42	32	32	7, 10	14
1.8 - 15	0.6 - 4.6	43	32	32	8	15, 16
2.6 - 22	0.8 - 6.7	63	32	32	7	14
3.5 - 29	1.1 - 9	83	32	32	10	
3.6 - 30	1.1 - 9.2	86	32	32	8, 11	15, 16
5.3 - 44	1.6 - 13	125	32	32	7, 10	14
7 - 61	2.2 - 18	173	32	32	8, 11	15, 16
10 - 88	3.2 - 27	250	32	32	7, 10	14
12 - 104	3.8 - 32	173	48	28	8, 11	15, 16
14 - 121	4.4 - 37	345	32	32	8, 11	15, 16
18 - 150	5.5 - 46	250	48	28	7, 10	14
21 - 176	6.4 - 54	500	32	32	7, 10	14
23 - 190	7 - 58	345	44	28	8, 11	15, 16
27 - 224	7.3 - 61	500	28	22	7, 10	14
29 - 242	9 - 74	345	44	22	8, 11	15, 16
31 - 255	9.3 - 78	500	32	22	7, 10	14
Ⓒ RPM from 50 Hz. gearmotors, VFD drive at 63 max. Hz. output.						
2.4 - 6	0.7 - 1.9	23	19	32	9	
4.1 - 10	1.2 - 3.1	23	32	32	9	
6 - 16	1.6 - 4.7	35	32	32	9	
12 - 31	3.7 - 9.4	70	32	32	9	
24 - 62	7.5 - 19	140	32	32	9	
37 - 93	11 - 28	140	48	32	9	
49 - 124	15 - 38	280	32	32	9	
74 - 186	22 - 57	280	48	32	9	
98 - 248	30 - 76	280	44	22	9	

4100 & 6200 SERIES: GEARMOTORS

LIGHT LOAD, FIXED SPEED

Chart 1 Parallel Shaft

- Sealed gearmotor
- Totally enclosed, non-ventilated
- Includes switch, cord and overload protection
- 115V, 1 Phase
- 230V, 3 Phase
- Non-reversing
- 60 Hz

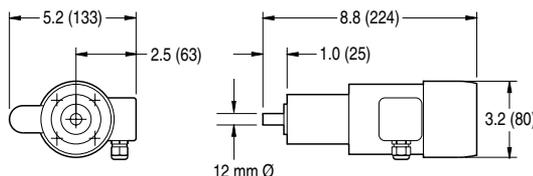


Part Number	RPM	Gearmotor Type	Hp	kW	1 Phase			3 Phase			Starter Chart
					FLA	in.-lbs.	Nm	FLA	in.-lbs.	Nm	
62M036PL4(vp)F(N)	42	L	0.03	0.025	0.46	26	2.9	0.22	37.0	4.2	H
62M015PL4(vp)F(N)	100	L	0.03	0.025	0.46	12	1.4	0.22	16.8	1.9	H

(vp) = Voltage and Phase 11 = 115V, 1 phase 23 = 230V, 3 phase (n) = Reversing capability **N** = No reversing switch **R** = With reversing switch

Chart 2 CE Parallel Shaft

- Totally enclosed, fan cooled
- IP44 protection rating
- Non-reversing
- 50 Hz
- Order starter separately, see page 35



Part Number	RPM	Gearmotor Type	1Ph kW	1 Ph FLA	3Ph kW	3 Ph FLA	Nm	Starter Chart
62Z028PL421FN	41	L	0.022	0.31	n/a	n/a	2.6	H
62Z028PL4(vp)FN	41	L	n/a	n/a	0.020	0.22 / 0.13	3.5	H
62Z008PL421FN	144	L	0.022	0.31	n/a	n/a	0.9	H
62Z008PL4(vp)FN	144	L	n/a	n/a	0.020	0.22 / 0.13	1.2	H

(vp) = Voltage and Phase
23 = 230V, 3 phase 43 = 400V, 3 phase

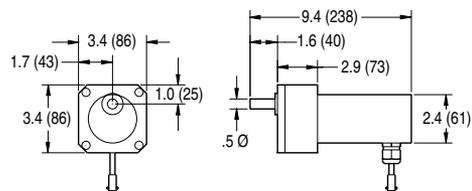
CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

FLA = Full Load Amperes Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures.
Note: Dimensions = in (mm)

LIGHT LOAD, VARIABLE SPEED

Chart 3 Parallel Shaft

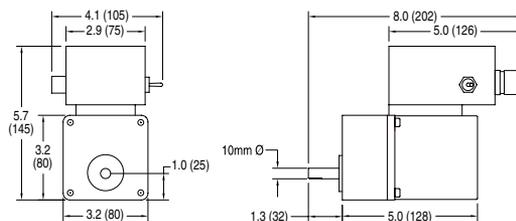
- 130 Volts DC
- Sealed gearmotor
- Totally enclosed, non-ventilated
- 300 - 2500 RPM motor
- Order controller separately, see pages 34



Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari - Speed Control Chart
62M060PLD3DEN	42	V	0.06	0.04	0.48	65	7.3	A
62M018PLD3DEN	139	V	0.06	0.04	0.48	21	2.4	A

Chart 18 Parallel Shaft

- VFD Variable Speed
- 230V, 3 Phase, 10 to 60 Hz
- Totally enclosed, non-ventilated
- Order controller separately, see page 35



Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari - Speed Control Chart
62M036PL423EN	42	L	0.03	0.025	0.22	37.0	4.2	E
62M015PL423EN	100	L	0.03	0.025	0.22	16.8	1.9	E

FLA = Full Load Amperes **Note:** 8" (203 mm) and wider conveyors with light load drives should be limited to 8' (2,438 mm) long.
Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

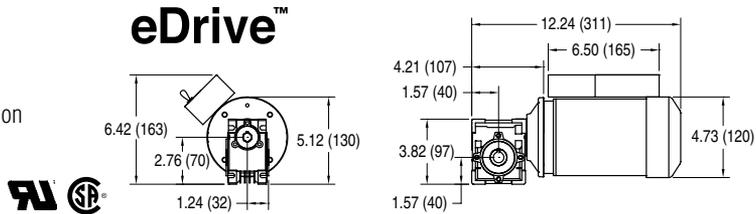
4100 & 6200 SERIES: GEARMOTORS

STANDARD LOAD, FIXED SPEED

Chart 4

90°

- Sealed gearmotor
- NEMA 42 CZ C Face
- Totally enclosed, fan cooled
- 115V 1 phase includes switch, cord and overload protection
- 208-230/460V 3 phase wiring by others
- 60 Hz
- Order 3 phase starter separately, see page 35



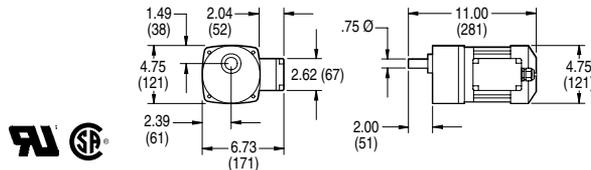
Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm	3 Phase Starter Chart
			Hp	kW	FLA	Hp	kW	FLA			
32M060EL4(vp)FN	29	S	0.25	0.19	5	0.25	0.19	1.2 / 0.6	226	25.5	L
32M040EL4(vp)FN	43	S	0.25	0.19	5	0.25	0.19	1.2 / 0.6	237	26.8	L
32M020EL4(vp)FN	86	S	0.25	0.19	5	0.25	0.19	1.2 / 0.6	142	16.0	L
32M010EL4(vp)FN	173	S	0.25	0.19	5	0.25	0.19	1.2 / 0.6	78	8.8	L
32M005EL4(vp)FN	345	S	0.25	0.19	5	0.25	0.19	1.2 / 0.6	41	4.6	L

(vp) = Voltage and Phase 11 = 115V, 1 phase 23 = 208 - 230 / 460V, 3 phase

Chart 5

Parallel Shaft

- Sealed gearmotor
- Totally enclosed, fan cooled
- 115V 1 phase includes switch, cord and overload protection
- 230/460 Volts, 3 phase wiring by others
- 60 Hz
- Order 3 phase starter separately, see page 35



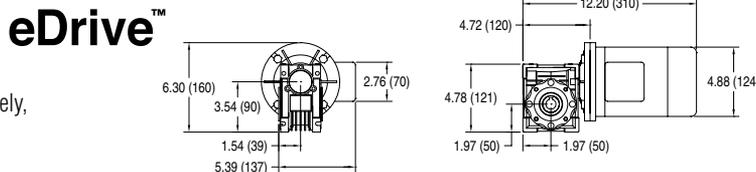
Part Number	RPM	Gearmotor Type	1 Phase				3 Phase				Nm	3 Phase Starter Chart
			Hp	kW	FLA	in.-lbs.	Hp	kW	FLA	in.-lbs.		
62M180PS4(vp)F(n)	10	S	0.08	0.06	1.2	341	0.17	0.13	1.0 / 0.5	341	38.5	L
62M060PS4(vp)F(n)	29	S	0.17	0.13	1.9	270	0.17	0.13	1.0 / 0.5	270	30.5	L
62M030PS4(vp)F(n)	58	S	0.17	0.13	1.9	135	0.38	0.28	1.9 / 0.95	250	15.3	M
62M020PS4(vp)F(n)	86	S	0.17	0.13	1.9	90	0.38	0.28	1.9 / 0.95	167	10.2	M
62M010PS4(vp)F(n)	173	S	0.17	0.13	1.9	45	0.38	0.28	1.9 / 0.95	115	5.1	M
62M005PS4(vp)F(n)	345	S	0.17	0.13	1.9	25	0.38	0.28	1.9 / 0.95	58	2.8	M

(vp) = Voltage and Phase 11 = 115V, 1 phase 23 = 230/460V, 3 phase
(n) = Reversing Capability N = No reversing switch R = With reversing switch (115V, 1 phase only)

Chart 6

CE 90°

- Sealed gearmotor
- IEC 63 B5 C Face
- IP 55 protection rating
- Totally enclosed, fan cooled
- Non-reversing
- 50 Hz
- Order starter separately, see page 35



Part Number	RPM	Gearmotor Type	1Ph kW	1 Ph FLA	3 Ph kW	3 Ph FLA	Nm	Starter Chart
62Z060ES4(vp)FN	23	S	0.18	1.6	0.18	1.4 / 0.8	26.4	I
62Z040ES4(vp)FN	35	S	0.18	1.6	0.18	1.4 / 0.8	28.9	I
62Z020ES4(vp)FN	70	S	0.18	1.6	0.18	1.4 / 0.8	19.4	I
62Z010ES4(vp)FN	140	S	0.18	1.6	0.18	1.4 / 0.8	10.7	I
62Z005ES4(vp)FN	280	S	0.18	1.6	0.18	1.4 / 0.8	5.6	I

(vp) = Voltage and Phase 21 = 230V, 1 phase
23 = 230V, 3 phase 43 = 400V, 3 phase

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

FLA = Full Load Amperes Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures.

Note: Dimensions = in (mm)

STANDARD LOAD, VARIABLE SPEED

Chart 7		90°						
<ul style="list-style-type: none"> • 130 Volts DC • Sealed gearmotor • NEMA 42 CZ C Face • Totally enclosed, fan cooled • 300 - 2500 RPM motor • Order controller separately, see page 34 								
Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari-Speed Control Chart
22M060ESD3DEN	42	S	0.33	0.25	2.3	198	22.4	A
22M040ESD3DEN	63	S	0.33	0.25	2.3	163	18.4	A
22M020ESD3DEN	125	S	0.33	0.25	2.3	98	11.1	A
22M010ESD3DEN	250	S	0.33	0.25	2.3	54	6.1	A
22M005ESD3DEN	500	S	0.33	0.25	2.3	28	3.2	A

Chart 8		90°						
<ul style="list-style-type: none"> • Variable frequency drive, 6 - 60 Hz • Sealed gearmotor • NEMA 56C C Face • Totally enclosed, fan cooled • 230/460 Volts, 3 phase • Order controller separately, see pages 34 & 35 								
Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm*	Vari-Speed Control Chart
32M060EL423EN	29	K	0.5**	0.37	1.6 / 0.97	226	25.5	D and E
32M040EL423EN	43	K	0.5**	0.37	1.6 / 0.97	237	86.8	D and E
32M020EL423EN	86	K	0.5**	0.37	1.6 / 0.97	142	16.0	D and E
32M010EL423EN	173	K	0.5**	0.37	1.6 / 0.97	78	8.8	D and E
32M005EL423EN	345	K	0.5**	0.37	1.6 / 0.97	41	4.6	D and E

* = At 60 Hz ** = Motor de-rated to 0.25 Hp for full torque throughout speed range.

Chart 9		CE 90°				
<ul style="list-style-type: none"> • Variable frequency drive, 25-63 Hz • Sealed gearmotor • IEC 63 B5 C Face • IP 55 protection rating • Totally enclosed, fan cooled • 230/400 Volts, 3 phase • Order controller separately, see page 34 						
Part Number	RPM	Gearmotor Type	3 Ph kW	3 Ph FLA	Nm*	Vari-Speed Control Chart
62Z060ES423EN	23	S	0.18	1.4	26.4	B
62Z040ES423EN	35	S	0.18	1.4	28.9	B
62Z020ES423EN	70	S	0.18	1.4	19.4	B
62Z010ES423EN	140	S	0.18	1.4	10.7	B
62Z005ES423EN	280	S	0.18	1.4	5.6	B

* = At 50 Hz

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

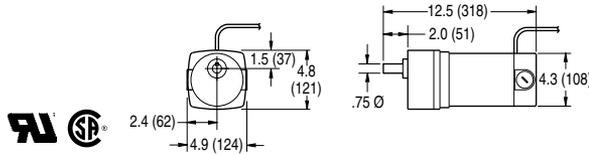
FLA = Full Load Amperes Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures.
Note: Dimensions = in (mm)

4100 & 6200 SERIES: GEARMOTORS

STANDARD LOAD, VARIABLE SPEED

Chart 10 Parallel Shaft

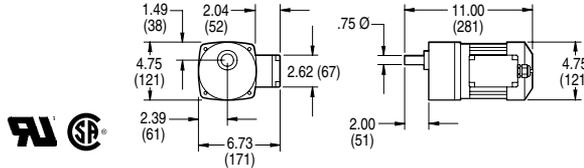
- 130 Volts DC
- Sealed gearmotor
- Totally enclosed, non-ventilated
- 300 - 2500 RPM motor
- Order controller separately, see page 34



Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari - Speed Control Chart
62M180PSD3DEN	14	S	0.12	0.09	1.0	341	38.5	A
62M060PSD3DEN	42	S	0.25	0.19	1.8	270	30.5	A
62M030PSD3DEN	83	S	0.25	0.19	1.8	135	15.3	A
62M020PSD3DEN	125	S	0.25	0.19	1.8	90	10.2	A
62M010PSD3DEN	250	S	0.33	0.25	2.3	72	8.1	A
62M005PSD3DEN	500	S	0.25	0.19	1.8	25	2.8	A

Chart 11 Parallel Shaft

- Variable frequency drive, 10 to 60 Hz
- Sealed gearmotor
- Totally enclosed, fan cooled
- 230/460 Volts / 3 Phase, VFD duty
- Order controller separately, see pages 34 & 35



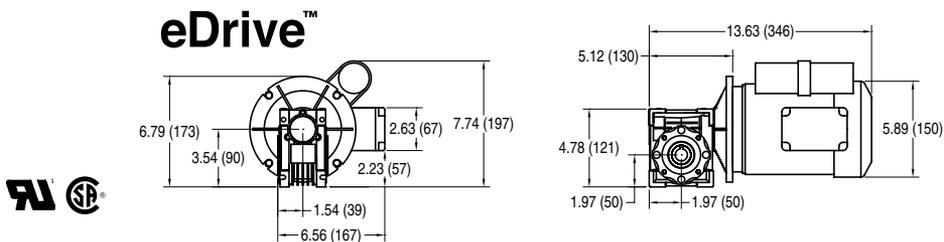
Part Number	RPM*	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari - Speed Control Chart
62M180PS423EN	10	S	0.17	0.13	1.0 / 0.5	341	38.5	D and E
62M060PS423EN	29	S	0.17	0.13	1.0 / 0.5	270	30.5	D and E
62M030PS423EN	58	S	0.38	0.28	1.9 / 0.95	250	28.3	D and E
62M020PS423EN	86	S	0.38	0.28	1.9 / 0.95	167	18.9	D and E
62M010PS423EN	173	S	0.38	0.28	1.9 / 0.95	115	13.0	D and E
62M005PS423EN	345	S	0.38	0.28	1.9 / 0.95	58	6.5	D and E

* = At 60 Hz

HEAVY LOAD, FIXED SPEED

Chart 12 90°

- Sealed gearmotor
- NEMA 56 C Face
- Totally enclosed, fan cooled
- 115V 1 phase includes switch, cord and overload protection
- 208-230/460 Volts, 3 phase wiring by others
- 60 Hz
- Order 3 phase starter separately, see page 35



Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm	3 Phase Starter Chart
			Hp	kW	FLA	Hp	kW	FLA			
32M060ES4(vp)FN	29	H	0.5	0.37	7.4	0.5	0.37	2.1-2 / 1.0	226	25.5	M
32M040ES4(vp)FN	43	H	0.5	0.37	7.4	0.5	0.37	2.1-2 / 1.0	247	27.9	M
32M020ES4(vp)FN	86	H	0.5	0.37	7.4	0.5	0.37	2.1-2 / 1.0	248	27.9	M
32M010ES4(vp)FN	173	H	0.5	0.37	7.4	0.5	0.37	2.1-2 / 1.0	156	17.6	M
32M005ES4(vp)FN	345	H	0.5	0.37	7.4	0.5	0.37	2.1-2 / 1.0	81	9.1	M

(vp) = Voltage and Phase 11 = 115V, 1 phase 23 = 208 - 230 / 460V, 3 phase

FLA = Full Load Amperes Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures.

Note: Dimensions = in (mm)

HEAVY LOAD, VARIABLE SPEED

Chart 14 90°

- 90V DC
- Sealed gearmotor
- NEMA 56 C Face
- Totally enclosed, fan cooled
- 300 - 2500 RPM motor
- Order controller separately, see page 34

eDrive™

Technical drawings showing front and side views of the gearmotor with dimensions in inches (mm):

- Front View Dimensions: 6.85 (174), 3.54 (90), 1.54 (39), 5.92 (150), 2.75 (70), 2.17 (55)
- Side View Dimensions: 5.12 (130), 14.83 (377), 4.78 (121), 6.20 (157), 1.97 (50)

Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari - Speed Control Chart
32M060ESD9DEN	42	H	0.5	0.37	5.0	198	22.4	C
32M040ESD9DEN	63	H	0.5	0.37	5.0	215	24.3	C
32M020ESD9DEN	125	H	0.5	0.37	5.0	196	22.1	C
62M010EHD9DEN	250	H	0.75	0.50	7.5	108	12.2	C
62M005EHD9DEN	500	H	0.75	0.50	7.5	56	6.3	C

Chart 15 90°

- Variable frequency drive, 6 - 60 Hz
- Sealed gearmotor
- NEMA 56 C Face
- Totally enclosed, fan cooled
- 230/460 Volts, 3 Phase
- Order controller separately, see pages 34 & 35

eDrive™

Technical drawings showing front and side views of the gearmotor with dimensions in inches (mm):

- Front View Dimensions: 4.59 (116), 6.79 (173), 3.54 (90), 1.54 (39), 8.92 (227)
- Side View Dimensions: 5.12 (130), 14.89 (378), 4.13 (105), 4.78 (121), 6.00 (152), 1.97 (50)

Part Number	RPM*	Gearmotor Type	3 Ph Hp	3 Ph kW	3 Ph FLA	in.-lbs.*	Nm*	Vari - Speed Control Chart
32M060ES423EN	29	H	0.75**	0.55	2.6 / 1.3	226	25.5	D and E
32M040ES423EN	43	H	0.75**	0.55	2.6 / 1.3	247	27.9	D and E
32M020ES423EN	86	H	0.75**	0.55	2.6 / 1.3	248	27.9	D and E
32M010ES423EN	173	H	0.75**	0.55	2.6 / 1.3	156	17.6	D and E
32M005ES423EN	345	H	0.75**	0.55	2.6 / 1.3	81	9.1	D and E

* = At 60 Hz ** = Motor de-rated to 0.5 Hp (2.1 / 1.1 amp) for full torque throughout the speed range.

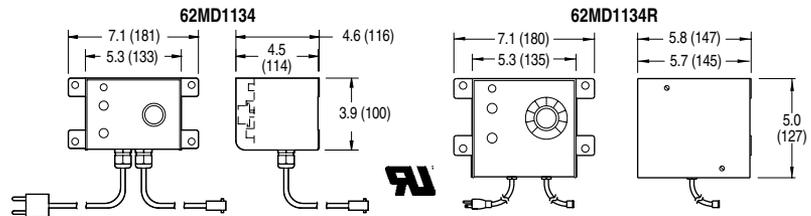
FLA = Full Load Amperes Note: Dimensions = in (mm)

4100 & 6200 SERIES: VARIABLE SPEED CONTROLLERS

VARIABLE SPEED CONTROLLERS

Chart A

- PWM DC control
- Nema 1 enclosure
- Line cord and motor cord
- On/Off switch for 62MD1134
- Forward/Off/Reverse switch for 62MD1134R
- Speed potentiometer
- Mounting hardware



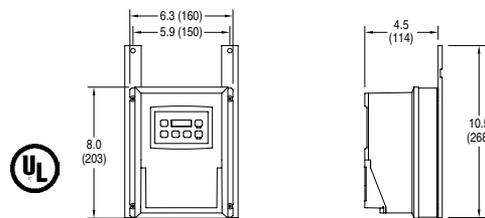
* = See FLA from motor charts

Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Max Amps*	Reversing
62MD1134	115	1	60	130VDC	3.2	No
62MD1134R	115	1	60	130VDC	5.0	Yes

Chart B



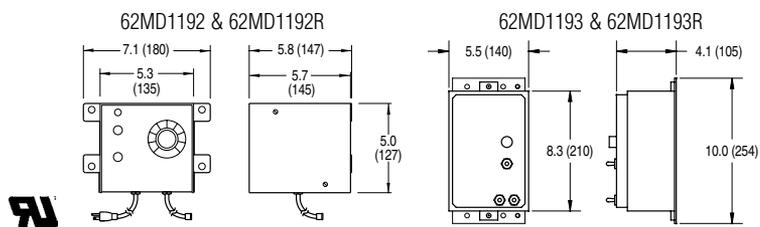
- VFD control
- IP 65 enclosure
- EMC filter
- Mounting hardware
- Variable speed
- Line cord and motor cord
- Motor cord only on 460V



Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Output Phase	Max Kw*	Max Amps	Reversing
62UV2121	230	1	50	230	3	0.75	4.2	Yes
62UV4341	400	3	50	400	3	0.75	2.1	Yes

Chart C

- PWM DC control
- NEMA 1 enclosure
- Line cord and motor cord
- On/Off switch for 62MD1192 & 62MD1193
- Forward/Off/Reverse switch for 62MD1192R & 62MD1193R
- Speed potentiometer
- Mounting hardware

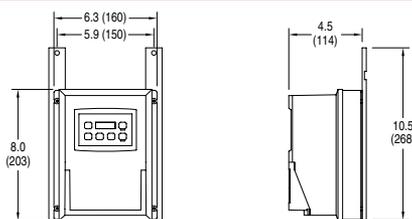


* = See FLA from motor charts

Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Max Amps*	Reversing
62MD1192	115	1	60	90VDC	5.0	No
62MD1192R	115	1	60	90VDC	5.0	Yes
62MD1193	115	1	60	90VDC	7.5	No
62MD1193R	115	1	60	90VDC	7.5	Yes

Chart D

- Full feature VFD control
- NEMA 4 enclosure
- Digital display
- Keypad with Start/Stop, Forward/Reverse and speed variations
- Includes cord to motor
- Power to controller by others
- 32MV1122 includes line cord to controller
- Mounting hardware



* = See FLA from motor charts

Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Output Phase	Max Hp	Output Amps*	Reversing
32MV1122	115	1	60	230	3	0.5	2.2	Yes
32MV2122	230	1	60	230	3	0.5	2.2	Yes
32MV1121	115	1	60	230	3	1.0	4.0	Yes
32MV2121	230	1	60	230	3	1.0	4.0	Yes
32MV2127	230	1	60	230	3	2.0	6.8	Yes
32MV2322	230	3	60	230	3	0.5	2.2	Yes
32MV2327	230	3	60	230	3	2.0	6.8	Yes
32MV4341	460	3	60	460	3	1.0	2.0	Yes
32MV4347	460	3	60	460	3	2.0	3.4	Yes

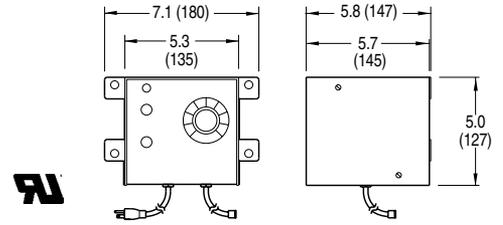
Note: Dimensions = in (mm)

4100 & 6200 SERIES: MANUAL MOTOR STARTERS

VARIABLE SPEED CONTROLLERS

Chart E

- VFD control
- Nema 1 enclosure
- Line cord and motor cord
- On/Off switch
- Speed potentiometer
- Mounting hardware
- Forward/Reverse switch



Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Output Phase	Max Hp	Max Amps*	Reversing
62MV1122B	115	1	60	230	3	0.5	2.4	No
62MV1122BR	115	1	60	230	3	0.5	2.4	Yes

MANUAL MOTOR STARTERS

Manual motor starts are manual electronic disconnects that provide motor overload protection and are required by the National Electric Code (NEC) for safe motor operation.

- IP 55 Enclosure
- Push button Start / Stop
- Includes mounting hardware

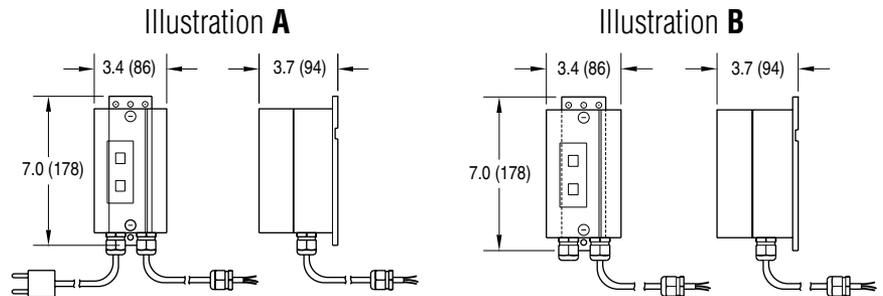


Chart H CE

- 230V, 1 phase includes cord, plug & starter
- 230/400V, 3 phase wiring to starter by others
- Wiring between motor and starter provided when ordered together
- 50 Hz

Part Number	In Volts	In Phase	Amp Range	Illustration
62(c)M21H	230	1	0.25 - 0.4	A
62(c)M23H	230	3	0.16 - 0.25	B
62(c)M43H	400	3	0.1 - 0.16	B

Chart I CE

- 230V, 1 phase includes cord, plug and starter
- 230/400V, 3 phase wiring to starter by others
- Wiring between motor and starter provided when ordered together
- 50 Hz

Part Number	In Volts	In Phase	Amp Range	Illustration
62(c)M21T	230	1	1.6 - 2.5	A
62(c)M23T	230	3	1.0 - 1.6	B
62(c)M43T	400	3	0.63 - 1.0	B

CE Note: When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with NEC and CE safety directive.

(c) = Electrical Configuration G = CE German
F = CE French U = CE Great Britain

Chart L

- 230/460V, 3 phase wiring to starter by others
- Wiring between motor and starter provided when ordered together
- 60 Hz

Part Number	In Volts	In Phase	Amp Range	Illustration
62MM23L	230	3	1.0 - 1.6	B
62MM43L	460	3	0.4 - 0.63	B
62MM23H	230	3	0.16 - 0.25	B

Chart M

- 230/460V, 3 phase wiring to starter by others
- Wiring between motor and starter provided when ordered together
- 60 Hz

Part Number	In Volts	In Phase	Amp Range	Illustration
62MM23M	208 - 230	3	1.6 - 2.5	B
62MM43M	460	3	1.0 - 1.6	B

Note: Dimensions = in (mm)

4100 & 6200 SERIES: SUPPORT STANDS

QUANTITY CHARTS

Support Stand Quantity Chart

Conveyor Length	# of Supports
2' (610) - 4' (1,219)	1*
2' (610) - 6' (1,829)	2
7' (2,134) - 12' (3,658)	3

* End Drive Conveyors with Single-Post Support Stands only. Requires the use of diagonal bracing, see page 40. Heavy load gearmotors require a minimum of two stands to support conveyor and gearmotor package.

Required Return Roller Quantity Chart

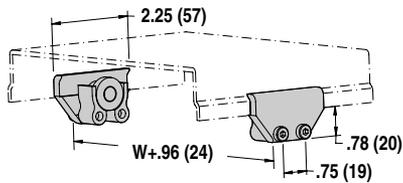
Max feet between return rollers								
Conveyor Width	1.75"	2.75"	3.75"	5"	6"	8"	10"	12"
Flat Belt	8.75	8.5	7.5	7.25	7.0	6.75	6.5	6.0
Cleated Belt	5.75	5.5	5.25	5.0	4.75	4.5	4.25	4.0

Quantity of return rollers required = whole number result of: $\frac{\text{conveyor length in feet}}{\text{max distance between return rollers}}$

Example Description: 6200 cleated belt 12" wide x 11' long $\frac{11'}{4} = 2.75$ **2 return rollers required**

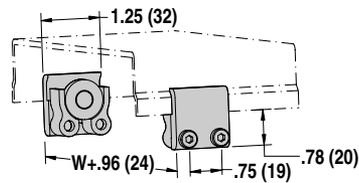
RETURN ROLLERS

Cleated Belt Return Roller



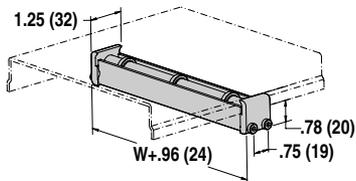
Part Number	Description
490856	Return Roller for 6200 Series, Cleated Belt

Flat Belt Return Roller for 2" to 6" Wide Conveyors



Part Number	Description
490830	Return Roller for 6200 Series 2" (44 mm) to 6" (152 mm) wide Flat Belt Conveyor

Flat Belt Return Roller for 8" to 12" Wide Conveyors



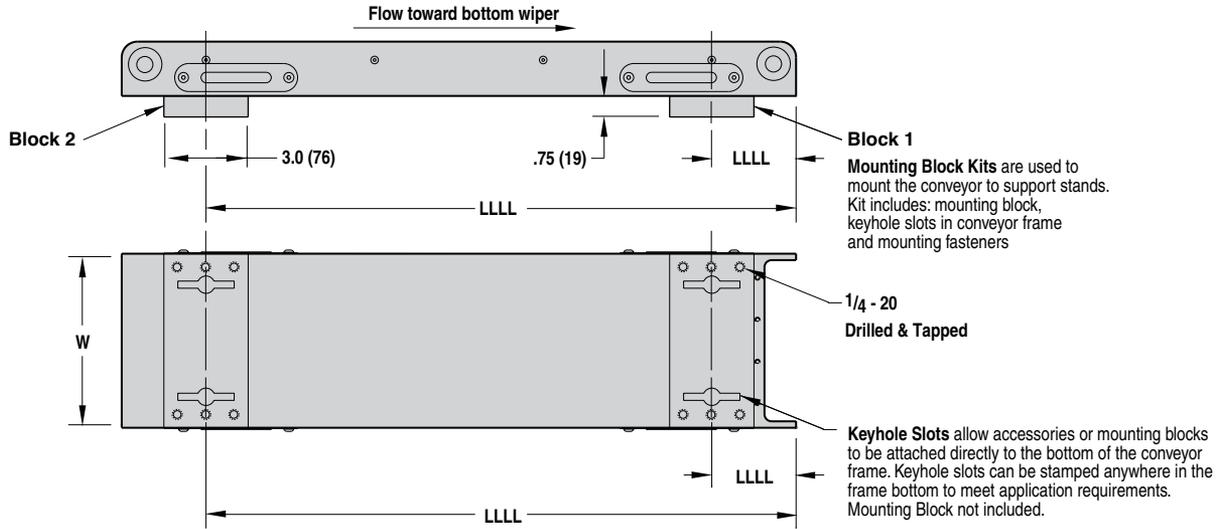
Part Number	Description
4949WW	Return Roller for 6200 Series, 8" (203 mm) to 12" (305 mm) wide flat belt conveyor

WW = Conveyor Width (08, 10, 12)

Note: Dimensions = in (mm)

4100 & 6200 SERIES: SUPPORT STANDS

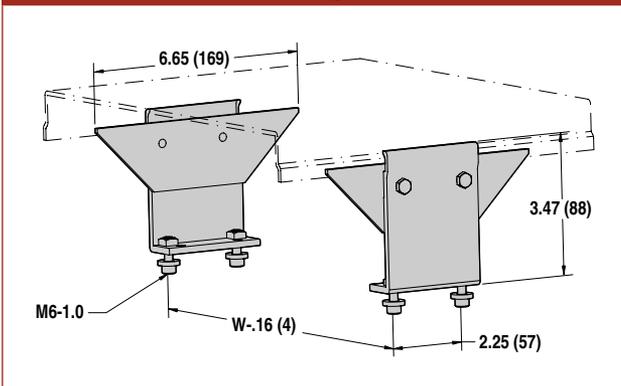
4100 SERIES MOUNTING BRACKETS



For ordering information, see page 6

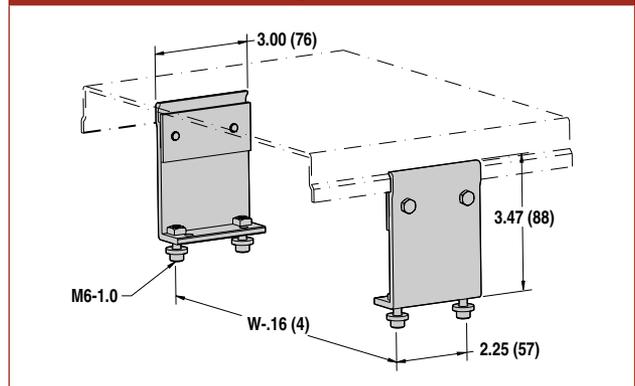
6200 SERIES MOUNTING BRACKETS

Cleated Belt Stand Mounting Bracket



Part Number	Description
450585	Stand Mounting Bracket, Cleated Belt Conveyor

Flat Belt Stand Mounting Bracket



Part Number	Description
450587	Stand Mounting Bracket, Flat Belt Conveyor

Note: Conveyors can be ordered with the required number of mounting brackets. If desired, order additional mounting brackets separately.

4100 & 6200 SERIES: SUPPORT STANDS

FIXED HEIGHT SUPPORT STANDS

Fixed Foot Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...	48" (1,219mm)
Part # Reference	12	in 02 increments up to...	48
Stand Height (HH)*	15" - 19" (381 - 483mm)	in 1" (25mm) increments up to...	95" - 99" (2,413 - 2,515mm)
Part # Reference	1519	in 0101 increments up to...	9599

Swivel Locking Caster Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...	48" (1,219mm)
Part # Reference	12	in 02 increments up to...	48
Stand Height (HH)*	20" - 24" (508 - 610mm)	in 1" (25mm) increments up to...	68" - 72" (1,727 - 1,829mm)
Part # Reference	2024	in 0101 increments up to...	6872

- Metric fasteners
- 4" (102 mm) Height Adjustment

* Dependent on stand width, stands over 42" (1,067 mm) may include outriggers (see page 40)



Full width is top plate on 12" wide stands only

ADJUSTABLE HEIGHT SUPPORT STANDS

Fixed Foot Model

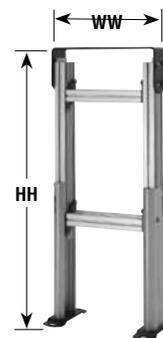
Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...						48" (1,219mm)			
Part # Reference	12	in 02 increments up to...						48			
Stand Height (HH)	12-13" (305-330)	13-15" (330-381)	14-17" (356-432)	16-21" (406-660)	19-26" (483-686)	24-36" (610-914)	30-48" (762-1,219)	42-60"* (1,067-1,524)	54-72"* (1,372-1,829)	66-84"* (1,676-2,134)	78-96"* (1,981-2,438)
Part # Reference	1213	1315	1417	1621	1926	2436	3048	4260	5472	6684	7896

Swivel Locking Caster Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...						48" (1,219mm)			
Part # Reference	12	in 02 increments up to...						48			
Stand Height (HH)	17-18" (432-457)	18-20" (457-508)	19-22" (483-559)	21-26" (533-660)	24-31" (610-787)	29-41" (737-1,041)	35-53" (762-1,346)	47-65"* (1,194-1,651)	59-77"* (1,499-1,956)		
Part # Reference	1718	1820	1922	2126	2431	2941	3553	4765	5977		

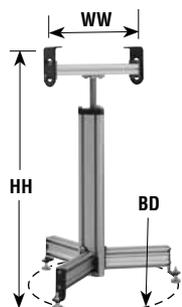
- Metric fasteners

* Dependent on stand width, stands over 42" (1,067 mm) may include outriggers (see page 40)

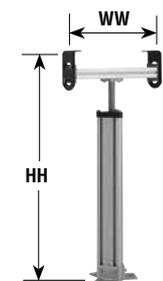


Full width is top plate on 12" wide stands only

SINGLE POST & PILLAR SUPPORT STANDS



Single Post Support Stand



Pillar Stand
(must be secured to floor)

Standard Sizes

Stand Width (WW)	1.75" (44)	2.75" (70)	3.75" (95)	5" (127)	6" (152)	8" (203)	10" (254)	12" (305)	14" (356)	16" (406)	18" (457)
Part # Reference	02	03	04	05	06	08	10	12	14	16	18
Stand Height (HH)*	16-26" (406-660)		24-34" (610-864)		32-42" (813-1,067)		40-50" (1,016-1,270)		48-58" (1,219-1,473)		
Part # Reference	16		24		32		40		48		
Base Diameter (BD)	24" (610)		27" (686)		30" (762)		33" (838)		36" (915)		

- Casters do not change overall height
- Metric fasteners

Note: Due to the wide variety of conveyor and stand options along with possible configurations, stability of the final setup is the responsibility of the end user.

For ordering information, see page 45

4100 & 6200 SERIES: SUPPORT STANDS

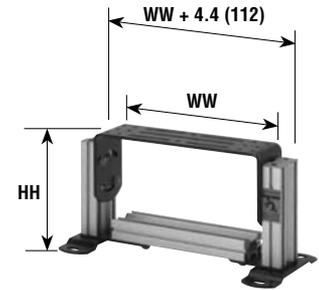
SHORT SUPPORT STANDS

Fixed Foot Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...	48" (1,219mm)
Part # Reference	12	in 02 increments up to...	48
Stand Height (HH)*	06" - 08" (152 - 203mm)	in 1" (25mm) increments up to...	12" - 14" (305 - 356mm)
Part # Reference	0608	in 0101 increments up to...	1214

Swivel Locking Caster Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...	48" (1,219mm)
Part # Reference	12	in 02 increments up to...	48
Stand Height (HH)*	11" - 13" (279 - 330mm)	in 1" (25mm) increments up to...	17" - 19" (305 - 483mm)
Part # Reference	1113	in 0101 increments up to...	1719

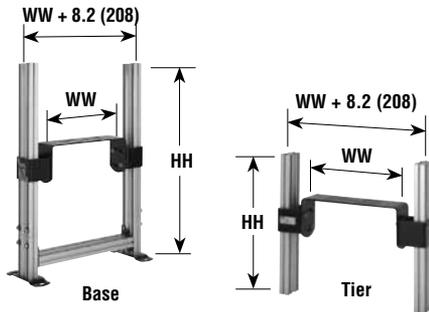


Full width is top plate on 12" wide stands only

MULTI TIER STANDS

Minimum Tier Height Per Conveyor

Flat Belt	12" (305mm)
Cleated Belt	15" (381mm)



Full width is top plate on 12" wide stands only

Base

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...	48" (1,219mm)
Part # Reference	12	in 02 increments up to...	48
Stand Height (HH)*	12" (305mm)	2" (51mm) increments up to...	60" (1,524mm)
Part # Reference	1212	in 0002 increments up to...	1260

Tier

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...	48" (1,219mm)
Part # Reference	12	in 02 increments up to...	48
Stand Height (HH)*	12" (305mm)	1" (25mm) increments up to...	36" (914mm)
Part # Reference	0712	in 0002 increments up to...	0736

Note: Do not use with support stands equipped with casters. Support Stands must be anchored to the floor. Do not use if conveyed product overhangs the edge of the conveyor belt due to pinch point created.

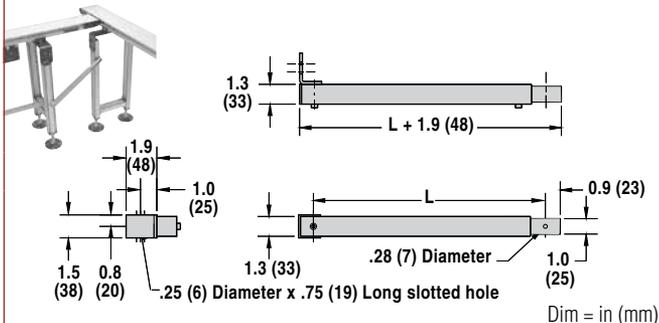
Note: Due to the wide variety of conveyor and stand options along with possible configurations, stability of the final setup is the responsibility of the end user.

For ordering information, see page 45

4100 & 6200 SERIES: SUPPORT STANDS

STAND ACCESSORIES

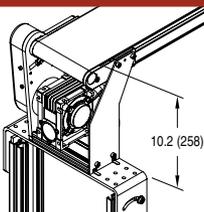
Adjustable Tie Bracket



- Compatible with steel and aluminum support stands
- Secure critical stand and conveyor locations
- Length (L) adjusts + 0", - 11.25" (286 mm)
- Includes metric mounting hardware

Part Number	Description
27M400-02	Adjustable Tie Bracket, 2' (610 mm)
27M400-03	Adjustable Tie Bracket, 3' (914 mm)
27M400-04	Adjustable Tie Bracket, 4' (1,219 mm)
27M400-05	Adjustable Tie Bracket, 5' (1,524 mm)
27M400-06	Adjustable Tie Bracket, 6' (1,829 mm)

Bottom Mount Stand Bracket



- Bolts to 90° standard load gearmotor
- Includes metric mounting hardware
- Provides a 10.2" (258) T.O.B. Height

Part Number	Description
202306-02	"L" Bracket only for 2" to 5" wide conveyors
202306-WW	Bracket Assembly, 06 and wider 6200 conveyors

Diagonal Bracing (6200 Series Only)



- For use on steel, aluminum and single post support stands with casters
- Metric fastener mounting hardware included
- For use on all stands with casters and any stands over 72" (1,829 mm) tall
- One brace per stand for conveyors up to 24" wide (610 mm)
- Two braces per stand for conveyors over 24" wide (610 mm)

Part Number	Description
39MB-RS	for two-legged H style stands up to 30" tall (762 mm)
39MB-RT	for two-legged H style stands over 30" tall (762 mm)
39MB-PT	for Single Post and Pillar stands over 30" tall (762 mm)

Common Mount Kit



- Stand accessory for mounting multiple conveyors in parallel to one stand
- Adds 2" (51 mm) to stand height
- Adds 2.79" (71 mm) to overall stand width

For ordering information, see page 44

Tall Support Stands



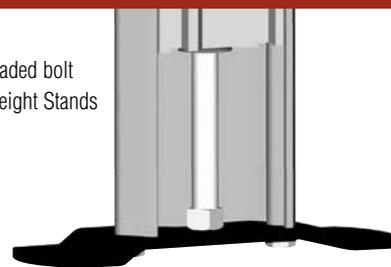
Tall Stands are the Fixed Height and Adjustable Height Stands as shown with additional outrigger support for added stability. These outriggers are required when the height of the stand exceeds 3.5x its width, and they add 16" to stand width. Tall stands over 6' tall include diagonal bracing.

Note: Due to the wide variety of conveyor and stand options along with possible configurations, stability of the final setup is the responsibility of the end user.

Outriggers

Fine Adjustment Kit

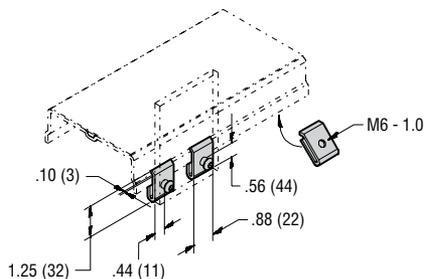
- Provides fine height adjustment via a threaded bolt
- For use with Fixed Height Stands



Part # 710028

HARDWARE ACCESSORIES

Mounting Clips

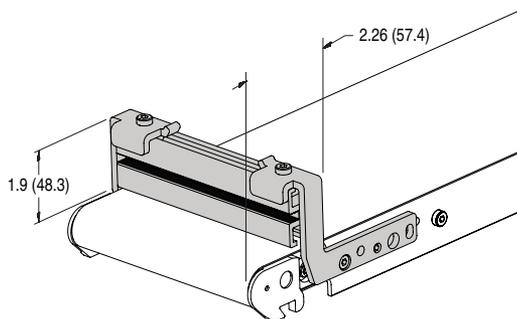


- For easy mounting of light weight accessories
- Fasteners not included

Part Number	Description
450186M	6200 Series Mounting Clip

STOPS

End Stop*



- Includes metric mounting hardware

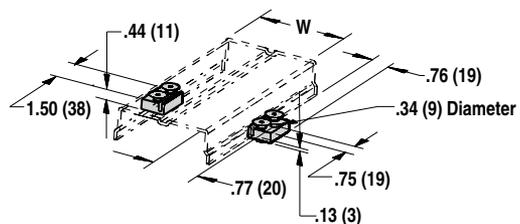
Part Number	Description
4555WW	6200 Series End Stop

WW = Conveyor Width Reference

* Not compatible with high friction belts

BRACKETS

Table Top Mounting Bracket



- Includes metric mounting hardware

Part Number	Description
493001M	6200 Series table top bracket

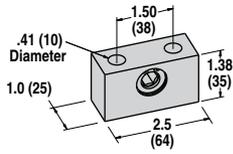
Note: If the discharge end of conveyor is mounted over a table or similar structure, a conveyor bottom wiper must be installed to prevent against possible pinch point. Order bottom wiper separately.

Note: Dimensions = in (mm)

4100 & 6200 SERIES: ACCESSORIES

DRIVE SHAFT ACCESSORIES

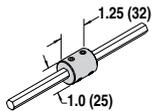
Support Block



- For 4100 and 6200 Series Gang Drive Conveyors

Part Number	Description
43-33	Support Block, 0.38" Hex Shaft

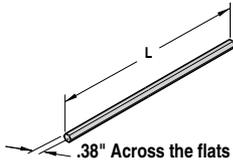
Solid Coupling, Hex to Hex



- Includes metric set screws

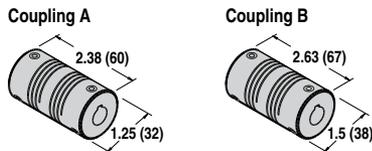
Part Number	Description
210064M	Solid Coupling, 0.38" Hex to Hex

Hex Shaft



Part Number	Description
23-24SS	0.38" Hex Shaft, stainless steel, 48" (1,219 mm) long
631418	0.38" Hex Shaft, stainless steel, 72" (1,829 mm) long

Flexible Coupling



- (A) Includes SAE set screws, (B) metric set screws

Part Number	Description	Coupling
23-27	Flexible Coupling, 0.50" bore x 0.38" hex	A
23-28	Flexible Coupling, 0.063" bore x 0.38" hex	A
23M29	Flexible Coupling, 12 mm bore x 0.38" hex	B
23M30	Flexible Coupling, 19 mm bore x 0.38" hex	A
23M31	Flexible Coupling, 12 mm bore x 12 mm bore	B

Clear Cover



- Fits 4100 and 6200 light load top mount and standard and heavy load top and bottom non-cleated mount packages

Part Number	Description
689499M	Clear cover, ordered separately

SERVICE ACCESSORIES

Grease Adapter



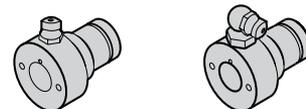
Part Number	Description
45-12	Adapter, 4100 Series
200046M	Adapter, 6200 Series Gang Drive

Tool Kit



Part Number	Description
4500	Tool Kit, 4100 Series
6500M	Tool Kit, 6200 Series

Grease Sleeves



Part Number	Description
622223	Sleeve, 4100 Series, Straight
618898	Sleeve, 4100 Series, 90°
200398M	Sleeve, 6200 Series, Gang Drive Straight, 90°
200399M	Sleeve, 6200 Series, Gang Drive Straight

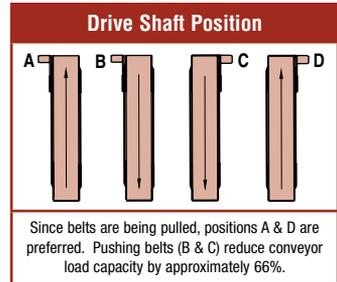
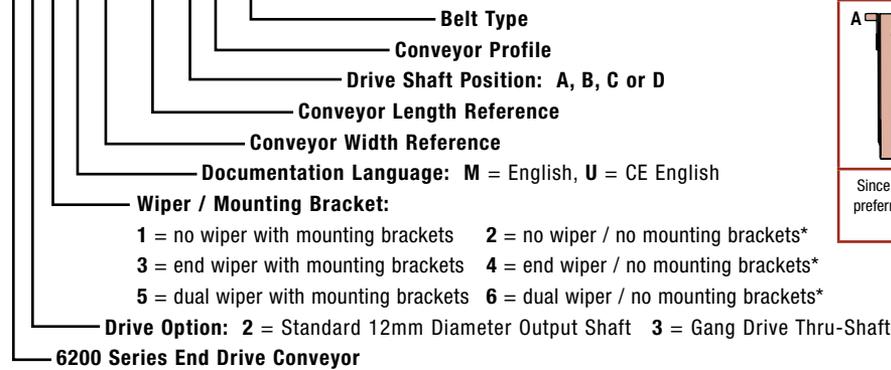
Note: Dimensions = in (mm)

Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

6200 SERIES: PART NUMBER REFERENCE

6200 SERIES: END DRIVE CONVEYOR

6 2 2 M 08 1000 D 01 02



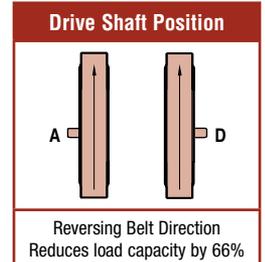
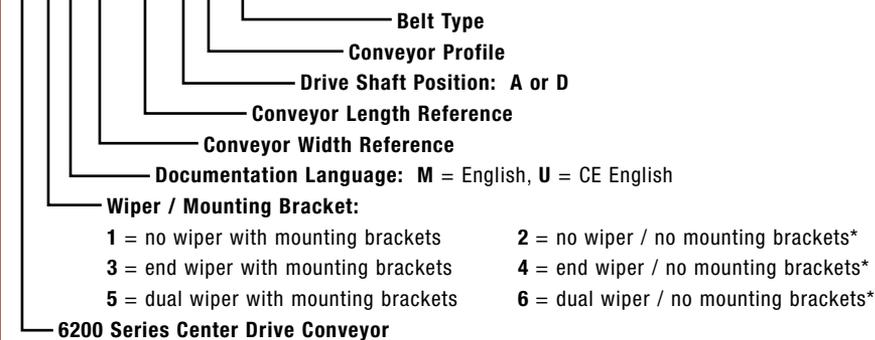
*may require belt return rollers

Example: 622M081000D0102

Description: 6200 Series end drive conveyor with standard drive shaft in the D position, 8" (203) wide x 10' (3,048) long, low side profile, general purpose belt and English documentation.

6200 SERIES: CENTER DRIVE CONVEYOR

65 2 M 08 1000 A 01 02



*may require belt return rollers

Example: 652M081000D0102

Description: 6200 Series center drive conveyor with standard drive shaft in the D position, 8" (203) wide x 10' (3,048) long, low side profile, general purpose belt and English documentation.

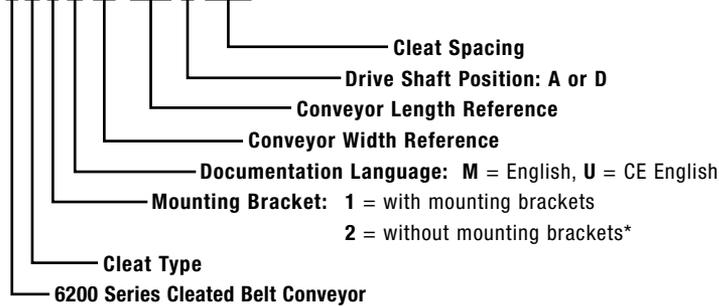
These reference charts are only provided as a reference and is not intended to be used for the construction of complete part numbers for order placing. Dorner has a full network of trained Distributors and sales staff equipped with our configuring / pricing software who are able to provide complete and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

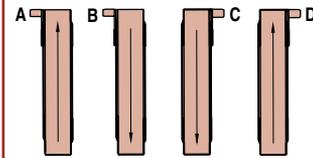
6200 SERIES: PART NUMBER REFERENCE

6200 SERIES: CLEATED BELT END DRIVE CONVEYOR

6 A 1 M 08 1000 D 0603



Drive Shaft Position



Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

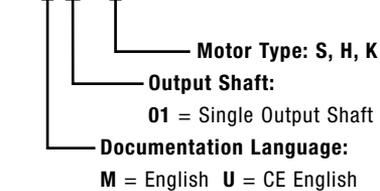
*may require belt return rollers

Example: 6A1M081000D0603

Description: 6200 Series cleated belt end drive conveyor with standard drive shaft in the D position, 8" (203) wide x 10' (3,048) long, low side profile, general purpose belt and English documentation.

6200 SERIES: GANG DRIVE

63 M 01 E S



Example: 63M01

Description: Gang drive mounting package with English documentation.

6200 SERIES: COMMON MOUNT KIT

39MCM WW - #



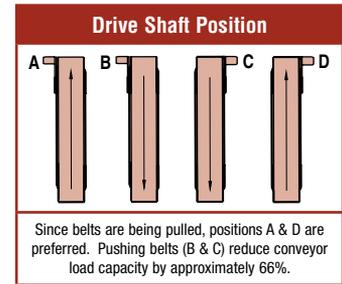
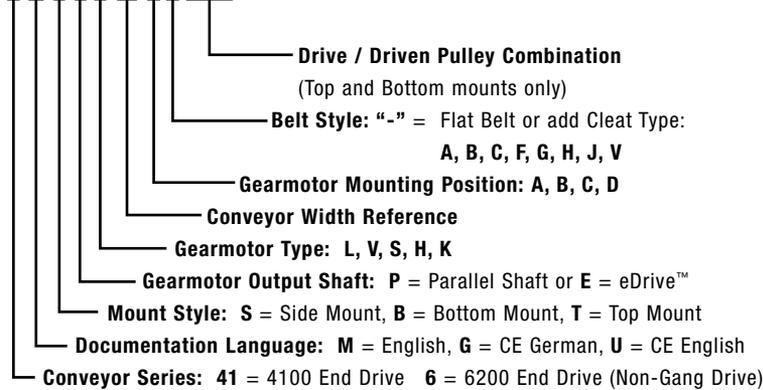
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6200 SERIES: PART NUMBER REFERENCE

6200 SERIES: END DRIVE MOUNTING PACKAGES

6 M B P S 06 A - 2828

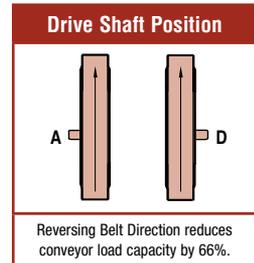
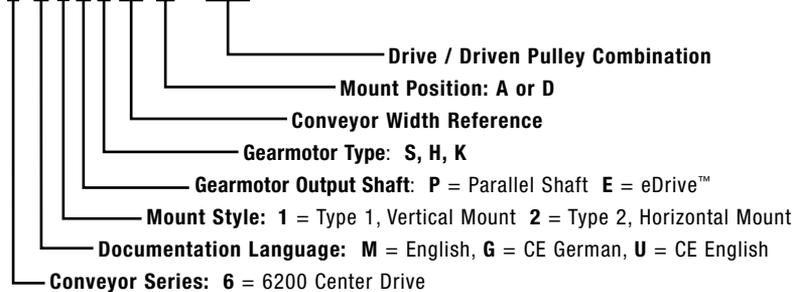


Example: 6MBPS06A-2828

Description: Bottom mount package with English documentation for 6" (152) wide 6200 series end drive conveyor. Configured for a parallel shaft, Standard load motor in the A1 mount position with a 28:28 drive / driven pulley combination.

6200 SERIES: CENTER DRIVE MOUNTING PACKAGES

6 M 2 P S 06 A - 3232

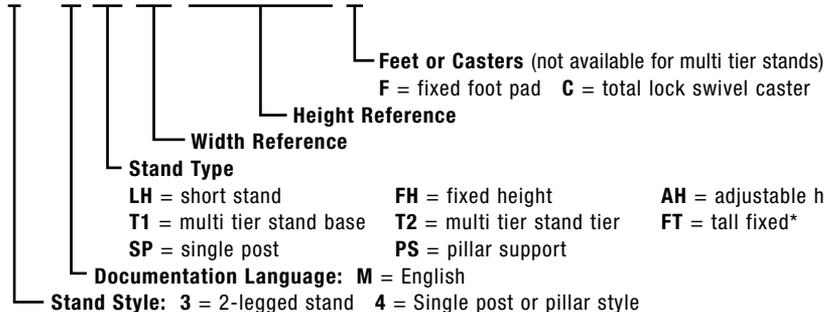


Example: 6M2PS06A-3232

Description: 6200 Series Horizontal Center Drive Mounting Package with English documentation for a parallel shaft standard load gearmotor mounted in the A position, with a 32:32 drive / driven pulley combination, on a 6" (152) wide conveyor.

4100 & 6200 SERIES: SUPPORT STANDS

S 9 M TT WW - HH(min) HH(max) F A



Note: Due to the wide variety of conveyor and stand options along with possible configurations, stability is final setup of the responsibility of the end user.

EXAMPLE: 39MAH12-2126CP

*Tall stands are required when the stand width is 3.5 times the stand height.

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ENGINEERED APPLICATIONS

For more information, visit our website at www.dorner.com



Magnetic Conveyors



Vacuum Conveyors



Backlit Conveyors



Common Drive Conveyors



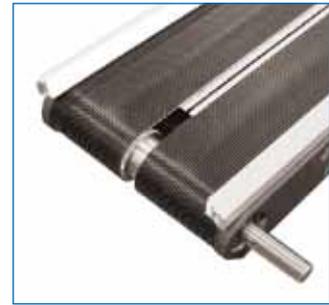
Lane Guiding



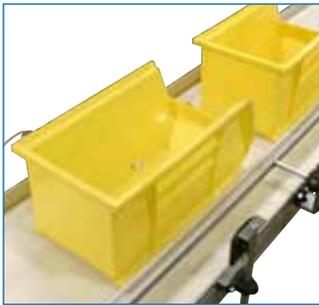
Small Bottle Transfers



90° Transfer of Products



Multiple Belt Conveyors



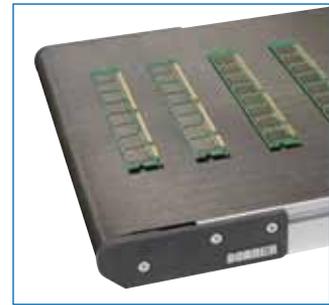
Indexing



Lift Gates



Pivot Conveyors



Electrically Conductive Belts



Counting Products / Batching Products



Fixtured Conveyors



Flush Motor Mounting Packages



Low Friction Belts for Accumulation

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