

# 5200/5300 SERIES

HEAVY DUTY CHAIN CONVEYORS  
EXTRUDED ALUMINUM

**QWIK**  
CONVEYORS

**DustPruf®**



## General Specifications:

- Straight Modular Flat Belt and Cleated Belt models
- DustPruf® Straight Modular Flat Belt, Cleated Belt and Curved Modular Flat Belt models
- DustPruf® Straight Z-Frame Modular Flat Belt, Cleated Belt and Curved Modular Flat Belt models
- Lengths: 36" (914 mm) to 999" (25,375 mm)
- CE models available
- Widths:
  - Curves: 8" (203 mm) to 36" (914 mm)
  - Straights: 6" (152 mm) to 60" (1,524 mm)
  - Z-Frame Straights and Curves: 8" (203 mm) to 24" (610 mm)
- Load Capacity:
  - Straights and Z-Frame Straights: up to 1,000 lbs (453 kg)
  - Curves and Z-Frame Curves: up to 500 lbs (226 kg)

## Applications:

- Part Transfers
- Part Accumulation
- Mainline Packaging
- High Speed Long Runs
- Automated and Manual Assembly
- Part Incline / Decline Routing (Z-Frame)



**DustPruf<sup>®</sup> Conveyors  
Include SmartSlot<sup>®</sup>**



**Easy Reconfiguration  
with No Drilling  
Required**



**T-Slots & QWIK Slots<sup>®</sup>  
for Ease of Mounting  
Accessories**

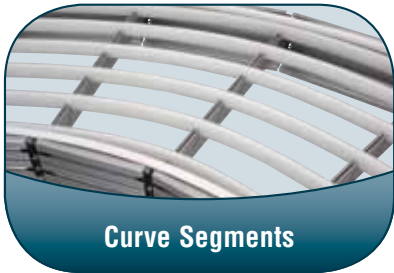
**5200  
SERIES**

**DUSTPRUF<sup>®</sup> 5300 SERIES**

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# Designed to be as flexible as your manufacturing requirements.

Z-Frame to a curve • 1 Drive • 1 Belt  
*Zero Transfers*



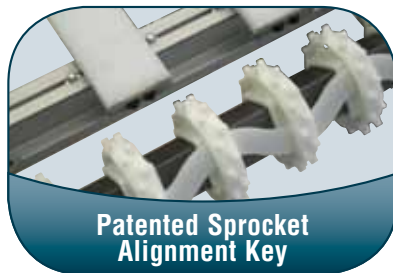
**Curve Segments**



**Air and Wiring Management Systems\***



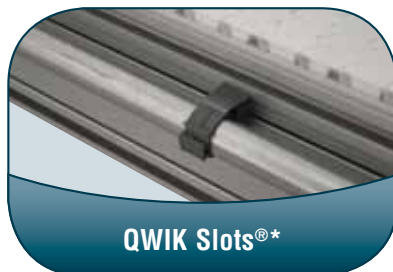
**Completely Contained Belt**



**Patented Sprocket Alignment Key**



**Integrated Low Voltage Wire Way\***



**QWIK Slots®\***



**Fully Adjustable Guiding**



**Nose Bar Transfer Option**



**1" and 3" Side Guiding**



**1" and 3" Cleats**

## Z-Framed, Incline and Decline Options

Modular, Flexible and QWIK to meet current and future manufacturing requirements



### QWIK Configuration

- Modularity enables simple configuration and reconfiguration
- Pre-engineered in a variety of curve segments
- Easy frame reconfiguration with no parts or drilling required

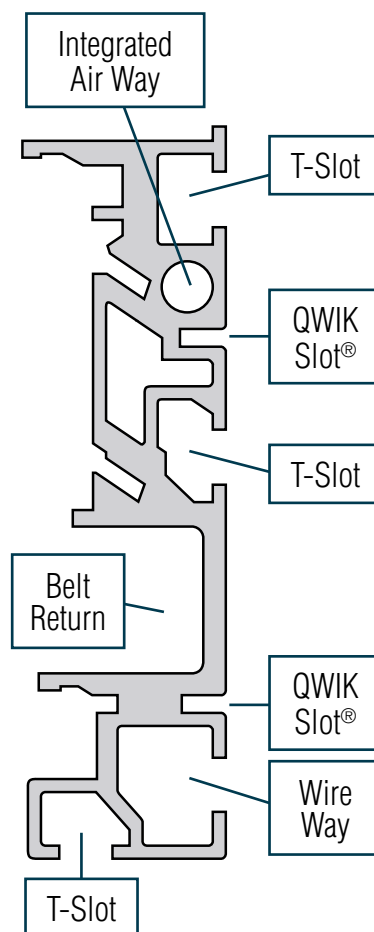
### QWIK System Setup

- Automation-enabled for easy system set up and integration
- 5200 Series QWIK Slots® for easy mounting of controls and accessories
- 5200 Series wire way with snap-in cover for landing up to four wires
- 5300 Series patent pending SmartSlot® system allows self-tapping screws to quickly attach automation accessories
- Sprocket alignment key for quick belt alignment

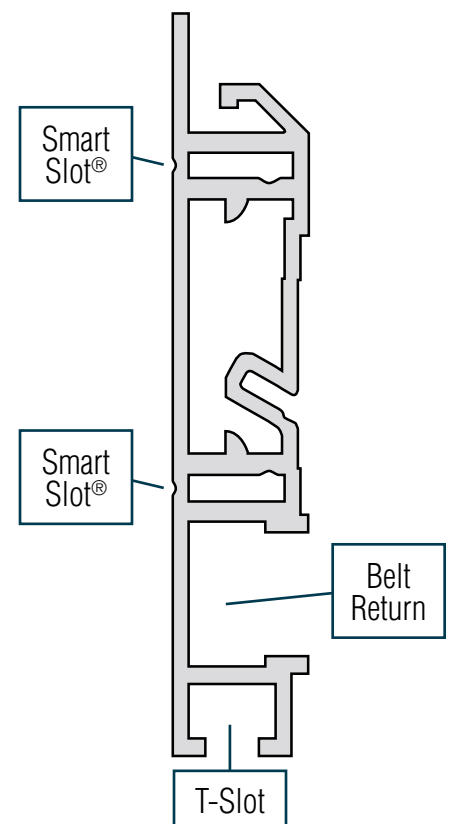
### QWIK Bottom Line Results

- Able to run at high speeds
- Fewer transfers for less product loss
- Lowest maintenance

### 5200 Series Side Rail Features



### 5300 Series Side Rail Features



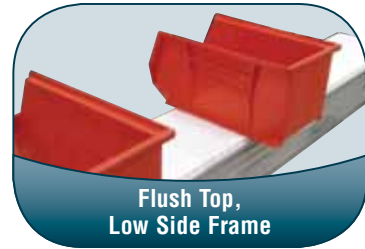
# QWIK 5200 SERIES: STRAIGHT MODULAR FLAT BELT



## Specifications:

- Loads up to 1,000 lbs (455 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 8" (203 mm) to 60" (1,524 mm)
- Conveyor lengths: 36" (914 mm) to 999" (25,375 mm)
- UHMW wear strip belt support
- One revolution of the drive pulley moves the belt approximately 12"
- Two T-slots for mounting accessories
- Rigid, 5.8" high, anodized aluminum frame
- Available in friction top belts\* up to 24" (610 mm) wide
- CE models available

\* see page 166 for details



Flush Top,  
Low Side Frame



UHMW Belt  
Tracking Guides



Support Stands Mount Directly  
to Bottom of Frame

## Features & Benefits:

- QWIK Slots® make mounting air and electrical lines simple with no drilling, special tools or T-nuts required
- Completely contained belt eliminates catenary sag and reduces pinch points
- Designed-in low voltage wireway provides support and protection for low voltage wires running from the electronic device to the main junction or control box
- Drive and tail assemblies require no holes in side rails making reconfiguration quick and easy
- Open top frame simplifies belt maintenance and replacement
- Sprocket alignment key provides continuous sprocket alignment for quick belt assembly
- Support stands mount directly to bottom of side rail which keeps frame open for mounting accessories
- 1" nose bar drive and idler option
- Flush top for true low side conveying accommodates products wider than belt



OPTIONAL:  
Nose Bar Tail

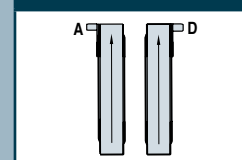
Includes sealed bearings with 1" (25 mm) diameter rollers. Available at either end for small part transfers. (2" effective diameter with belt thickness)

### STANDARD SIZES

Conveyor Width Reference	08	02 increments up to...	60
Conveyor Length Reference	036	0001 increments up to...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to...	999" (25,375mm)

**NOTE:** Conveyor longer than 12' (3,658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

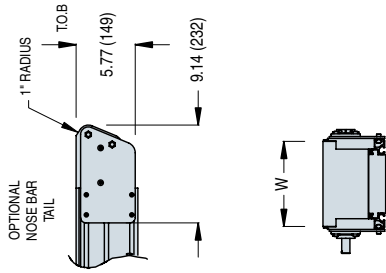
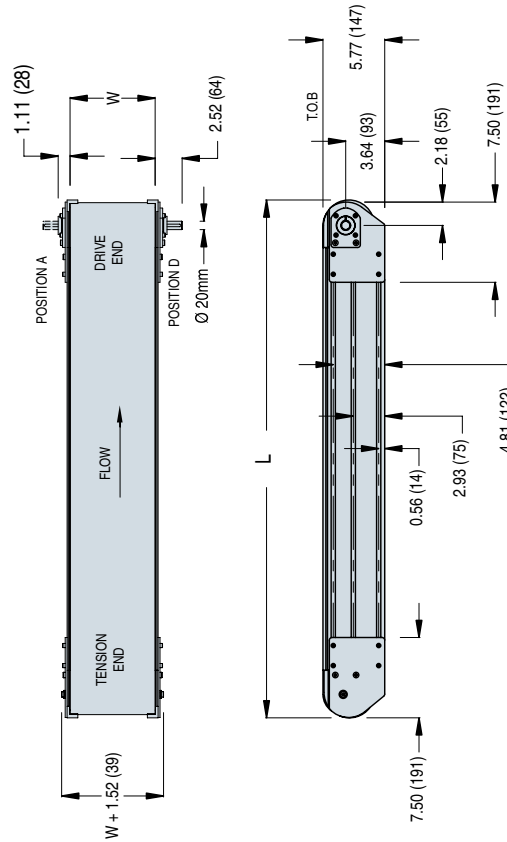
### Drive Shaft Position



Order gearmotor mounting packages and gearmotors separately, see pages 167-184.  
For support stands and accessories, see pages 185-192.

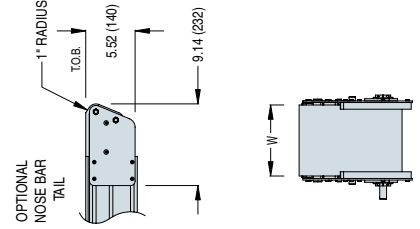
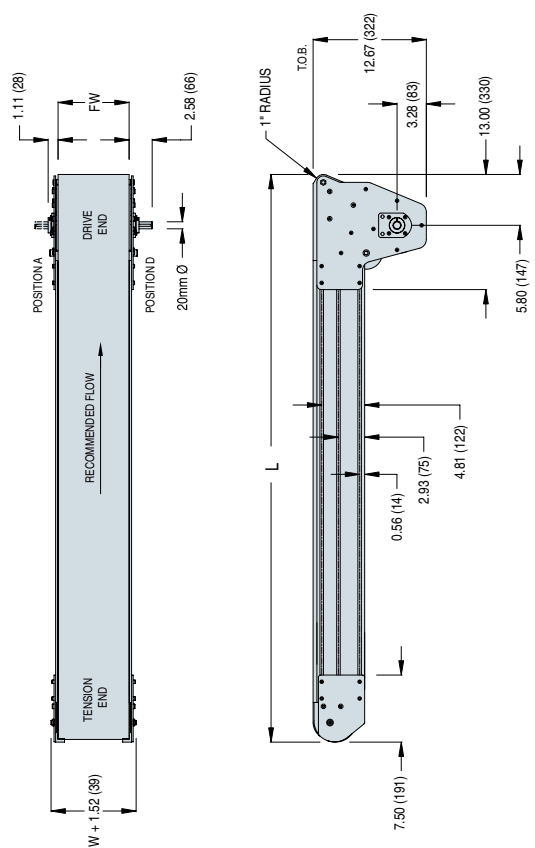
For ordering information, see page 193

**END DRIVE MODEL**



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

**NOSE BAR DRIVE MODEL**



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

**Belt Width Table**

Conveyor Width (in)	Belt Width	Outside Frame Width
08	7.89	8.53
10	9.85	10.50
12	11.84	12.48
14	13.79	14.45
16	15.76	16.43
18	17.73	18.40
20	19.70	20.38
22	21.66	22.35
24	23.63	24.33
26	25.60	26.30
28	27.57	28.28
30	29.54	30.25
32	31.50	32.23
34	33.47	34.20
36	35.44	36.18
38	37.41	38.15
40	39.37	40.13
42	41.34	42.10
44	43.31	44.08
46	45.28	46.05
48	47.24	48.03
50	49.21	50.00
52	51.18	51.98
54	53.15	53.95
56	55.12	55.93
58	57.08	57.90
60	59.05	59.88

For more information, go to [www.dorner.com](http://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.

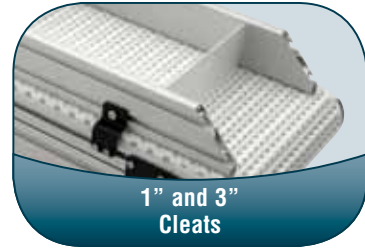


# QWIK 5200 SERIES: STRAIGHT MODULAR CLEATED BELT



## Specifications:

- Loads up to 1,000 lbs (455 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 8" (203 mm) to 24" (610 mm)
- Conveyor lengths: 36" (914 mm) to 999" (25,375 mm)
- UHMW wear strip belt support
- One revolution of the drive pulley moves the belt approximately 12"
- Two T-slots for mounting accessories
- Rigid, 5.8" high, anodized aluminum frame
- Available in 1" and 3" high cleats
- **CE** models available



1" and 3"  
Cleats



UHMW Belt  
Tracking Guides



Support Stands Mount Directly  
to Bottom of Frame

## Features & Benefits:

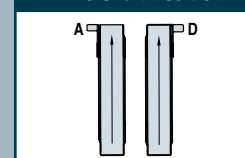
- QWIK Slots® make mounting air and electrical lines simple with no drilling, special tools or T-nuts required
- Completely contained belt eliminates catenary sag and reduces pinch points
- Designed-in low voltage wireway provides support and protection for low voltage wires running from the electronic device to the main junction or control box
- Drive and tail assemblies require no holes in side rails making reconfiguration quick and easy
- Open top frame simplifies belt maintenance and replacement
- Sprocket alignment key provides continuous sprocket alignment for quick belt assembly
- Support stands mount directly to bottom of side rail which keeps frame open for mounting accessories
- Flush top for true low side conveying accommodates products wider than belt

### STANDARD SIZES

<b>Conveyor Width Reference</b>	08	02 increments <b>up to...</b>	24
<b>Conveyor Length Reference</b>	036	0001 increments <b>up to...</b>	999
<b>Conveyor Length (L)</b>	36" (914mm)	1" (25mm) increments <b>up to...</b>	999" (25,375mm)

**NOTE:** Conveyor longer than 12' (3,658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

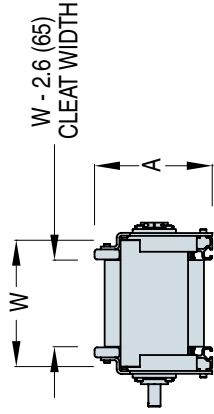
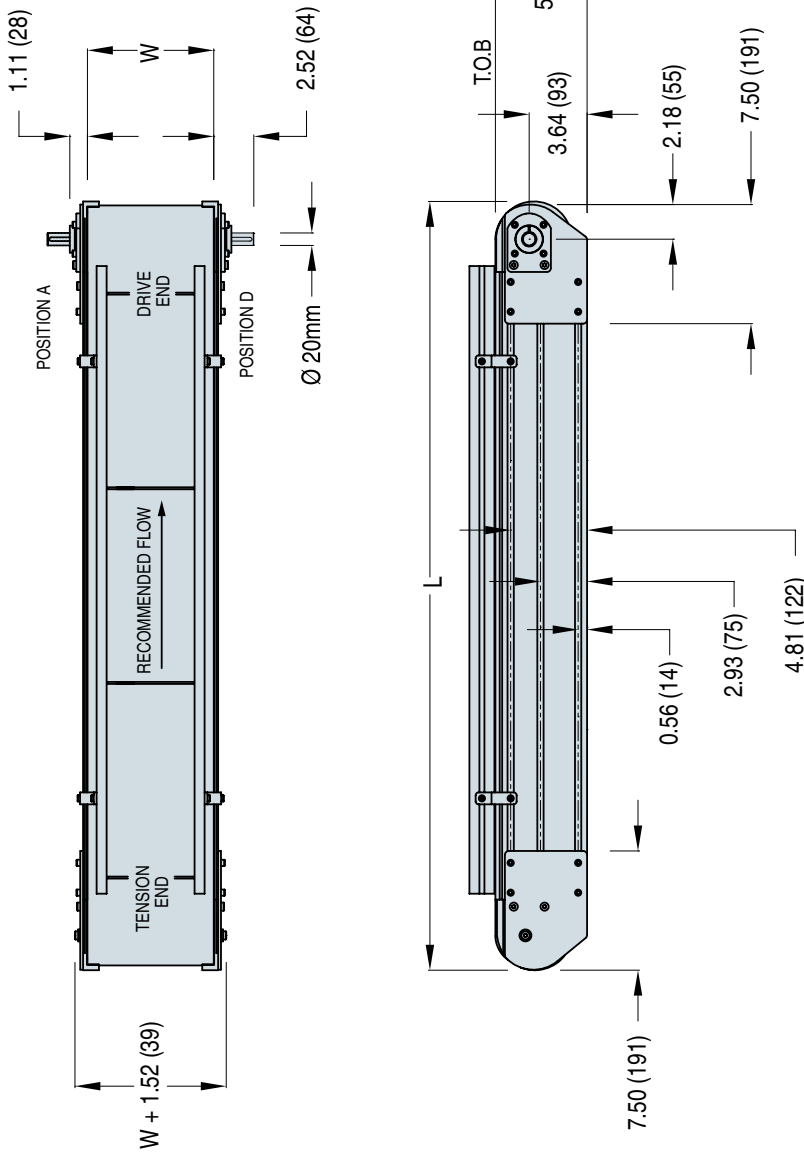
### Drive Shaft Position



Order gearmotor mounting packages and gearmotors separately, see pages 167-184.  
For support stands and accessories, see pages 185-192.

**For ordering information, see page 193**

**QWIK SERIES: STRAIGHT MODULAR CLEATED BELT**



A: 1" Cleats = 7.41 (188)  
3" Cleats = 8.98 (228)

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

**Belt Width Table**

Conveyor Width (in)	Belt Width	Outside Frame Width	Cleat Width	Pocket Width
08	7.89	8.53	5.29	5.53
10	9.85	10.50	7.25	7.50
12	11.84	12.48	9.24	9.48
14	13.79	14.45	11.19	11.45
16	15.76	16.43	13.16	13.43
18	17.73	18.40	15.13	15.40
20	19.70	20.38	17.10	17.38
22	21.66	22.35	19.06	19.35
24	23.63	24.33	21.03	21.33

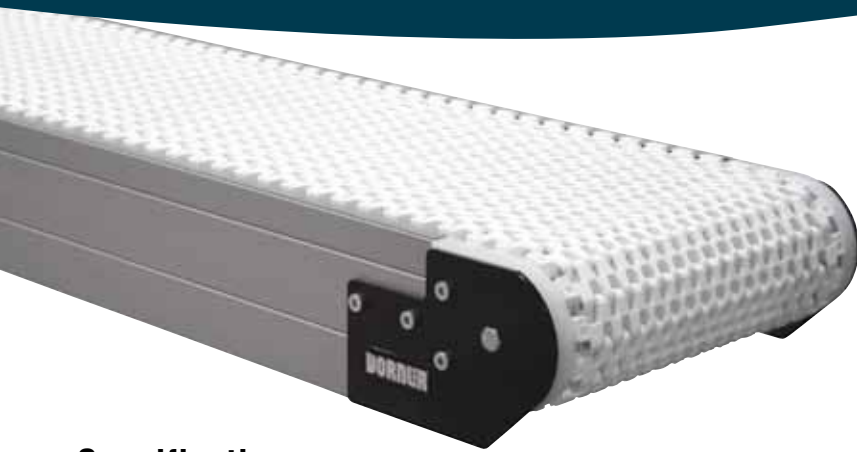
For more information, go to [www.dorner.com](http://www.dorner.com). Call 800.397.8664 or 262.367.7600.

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



# 5300 SERIES: STRAIGHT MODULAR FLAT BELT

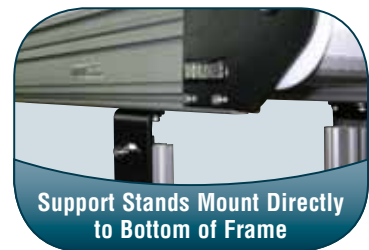
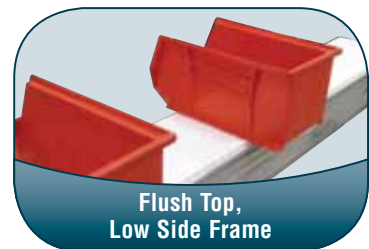
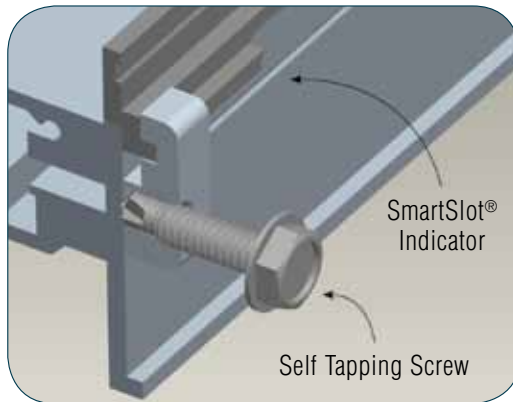
# DustPruf®



## Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 6" (152 mm) to 36" (914 mm)
- Conveyor lengths: 36" (914 mm) to 999" (25,375 mm)
- UHMW wear strip belt support
- One revolution of the drive pulley moves the belt approximately 12"
- Two SmartSlot® mounting locations
- Rigid, 5.6" (142 mm) high, anodized aluminum frame
- Available in friction top belts\* up to 24" (610 mm) wide
- CE models available

\* see page 166 for details



## Features & Benefits:

- Two (2) SmartSlot® mounting locations for 1/4 - 20 or M6 - 1.0 fasteners
- Completely contained belt eliminates catenary sag and reduces pinch points
- High speed 1" diameter\* nose bar drive and idler tails
- Downward facing T-Slot for support stand mounting flexibility and dust proof design
- Flush top for true low side conveying accommodates products wider than the belt
- Open top frame simplifies belt maintenance and replacement
- Sprocket alignment key provides continuous sprocket alignment for quick belt assembly
- Support stands mount directly to bottom of conveyor rail keeping side rails open for mounting accessories

\* Note: Curve nose bar tails are 1.6" diameter

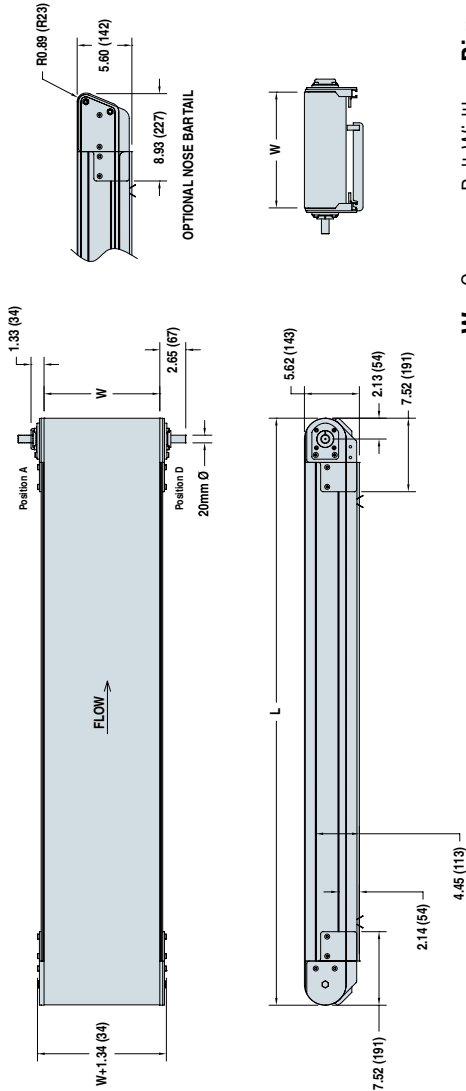


Includes sealed bearings with 1" (25 mm) diameter rollers. Available at either end for small part transfers.  
(2" effective diameter with belt thickness)

Order gearmotor mounting packages and gearmotors separately, see pages 167-184.  
For support stands and accessories, see pages 185-192.

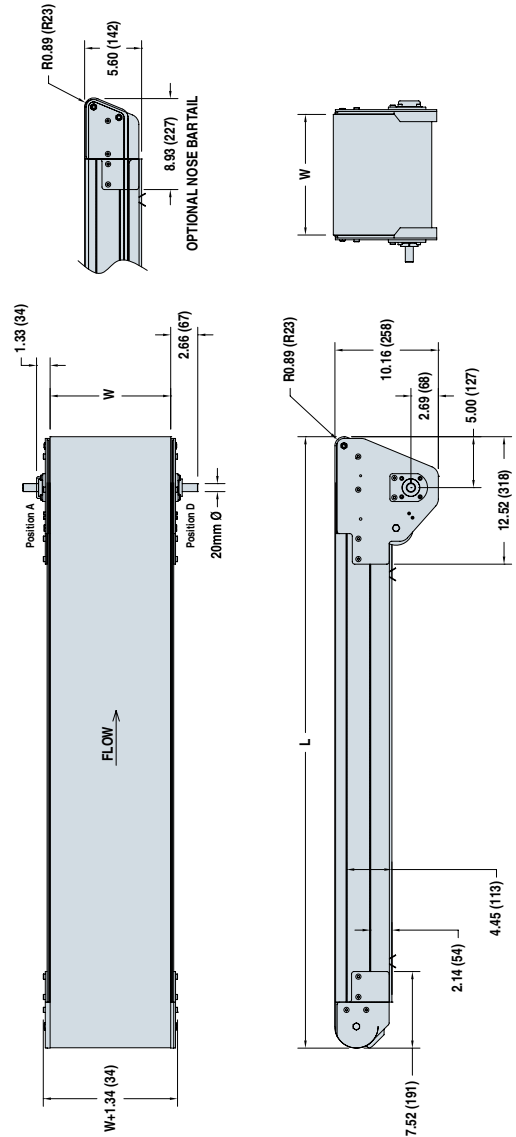
For ordering information, see page 193

**END DRIVE MODEL**

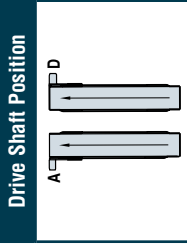


**W = Conveyor Belt Width Dim = in (mm)**

**NOSE BAR DRIVE MODEL**



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



**Belt Width Table**

Conveyor Width (in)	Belt Width	Outside Frame Width
06	5.90	6.48
08	7.89	8.48
10	9.85	10.45
12	11.84	12.43
14	13.79	14.40
16	15.76	16.38
18	17.73	18.35
20	19.70	20.33
22	21.66	22.30
24	23.63	24.28
26	25.60	26.25
28	27.57	28.23
30	29.54	30.20
32	31.50	32.17
34	33.47	34.15
36	35.44	36.13

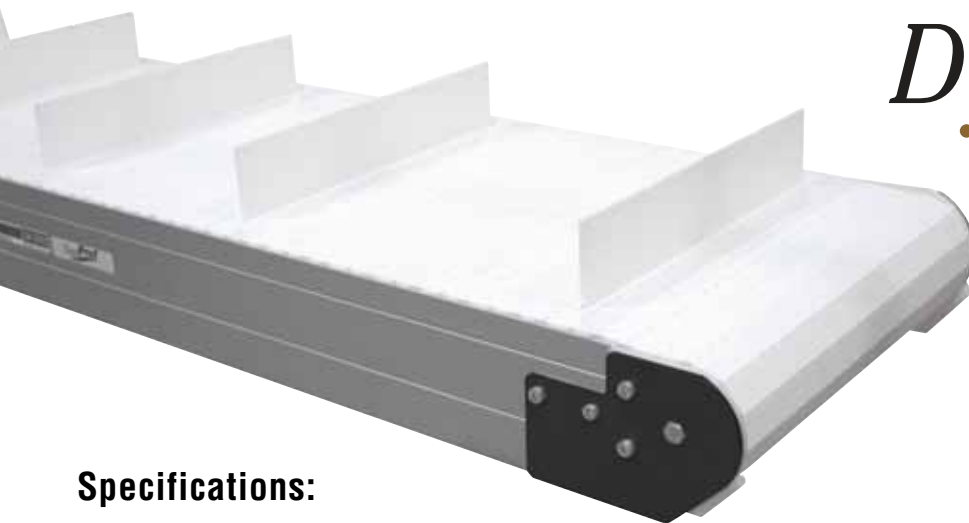
**STANDARD SIZES**

Conveyor Width Reference	06	02 increments up to ...	36
Conveyor Length Reference	036	0001 increments up to ...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to ...	999" (25,375mm)

**NOTE:** Conveyor longer than 12' (3,658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

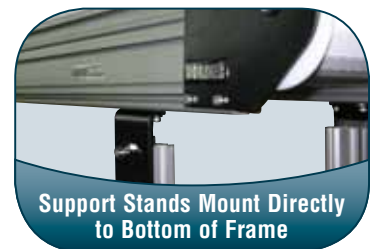
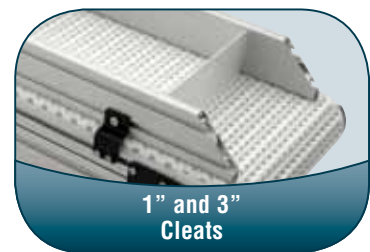
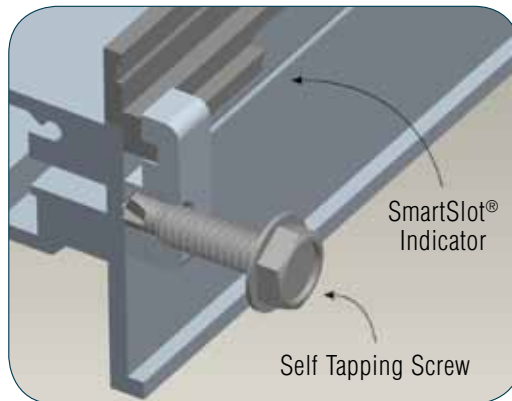
# 5300 SERIES: STRAIGHT MODULAR CLEATED BELT

**DustPruf**<sup>®</sup>



## Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 8" (203 mm) to 24" (610 mm)
- Conveyor lengths: 36" (914 mm) to 999" (25,375 mm)
- UHMW wear strip belt support
- One revolution of the drive pulley moves the belt approximately 12"
- Two SmartSlot<sup>®</sup> mounting locations
- Rigid, 5.6" (142 mm) high, anodized aluminum frame
- Available in 1" and 3" high cleats
- **CE** models available



## Features & Benefits:

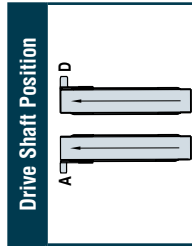
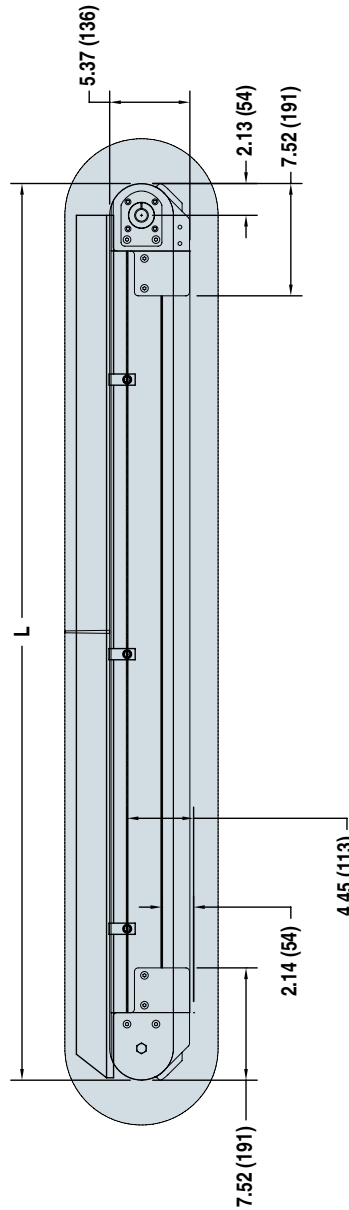
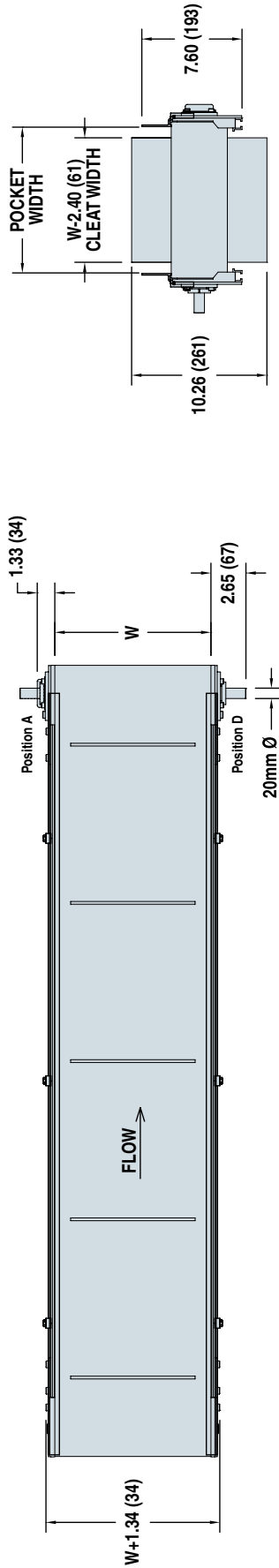
- Two (2) SmartSlot<sup>®</sup> mounting locations for ¼ - 20 or M6 - 1.0 fasteners
- Completely contained belt eliminates catenary sag and reduces pinch points
- Downward facing T-Slot for support stand mounting flexibility and dust proof design
- Flush top for true low side conveying accommodates products wider than the belt
- Open top frame simplifies belt maintenance and replacement
- Sprocket alignment key provides continuous sprocket alignment for quick belt assembly
- Support stands mount directly to bottom of conveyor rail keeping side rails open for mounting accessories

*Order gearmotor mounting packages and gearmotors separately, see pages 167-184.  
For support stands and accessories, see pages 185-192.*

**For ordering information, see page 194**



## 5300 SERIES: STRAIGHT MODULAR CLEATED BELT



W = Conveyor Belt Width Dim = in (mm)

Belt Width Table				
Conveyor Width (in)	Belt Width	Outside Frame Width	Cleat Width	Pocket Width
08	7.89	8.48	5.29	6.23
10	9.85	10.45	7.25	8.20
12	11.84	12.43	9.24	10.18
14	13.79	14.40	11.19	12.15
16	15.76	16.38	13.16	14.13
18	17.73	18.35	15.13	16.10
20	19.70	20.33	17.10	18.08
22	21.66	22.30	19.06	20.05
24	23.63	24.28	21.03	22.03

STANDARD SIZES		
Conveyor Width Reference	08	02 increments up to... 24
Conveyor Belt Width (W)	8" (203mm)	2" (51mm) increments up to... 24" (610mm)
Module Length Reference	036	001 increments up to... 999
Module Length (L <sub>1</sub> / L <sub>2</sub> / L <sub>3</sub> )	36" (914mm)	1" (25mm) increments up to... 999" (25.375mm)

**NOTE:** Conveyor longer than 12" (3.658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

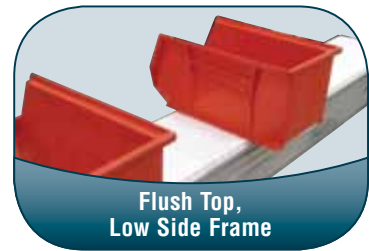
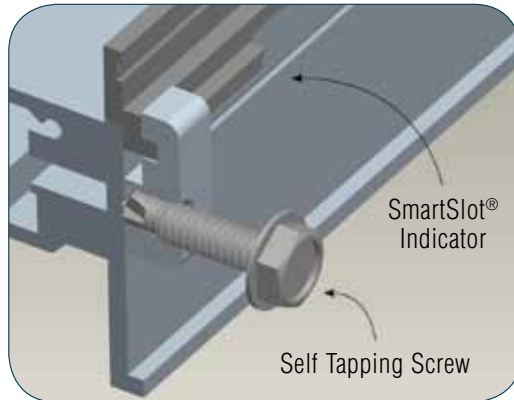
For more information, go to [www.dorner.com](http://www.dorner.com). Call 800.397.8664 or 262.367.7600.  
 Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

# 5300 SERIES: CURVED MODULAR FLAT BELT

## DustPruf®

### Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 8" (203 mm) to 36" (914 mm)
- Conveyor lengths: 36" (914 mm) to 999" (25,375 mm)
- Curves available in 45°, 90°, 135° and 180° degree angles
- UHMW wear strip belt support
- One revolution of the drive pulley moves the belt approximately 12"
- Two SmartSlot® mounting locations
- Rigid, 5.6" (142 mm) high, anodized aluminum frame
- CE models available



Flush Top,  
Low Side Frame



Support Stands Mount Directly  
to Bottom of Frame

### Features & Benefits:

- Two (2) SmartSlot® mounting locations for ¼ - 20 or M6 - 1.0 fasteners
- Completely contained belt eliminates catenary sag and reduces pinch points
- High speed 1-5/8" diameter nose bar drive and idler tails
- Downward facing T-Slot for support stand mounting flexibility and dust proof design
- Flush top for true low side conveying accommodates products wider than the belt
- Support stands mount directly to bottom of conveyor rail keeping side rails open for mounting accessories



OPTIONAL:  
Nose Bar Tail

Includes sealed bearings with 1-5/8" (41 mm) diameter rollers. Available at either end for small part transfers. (2.6" effective diameter with belt thickness)

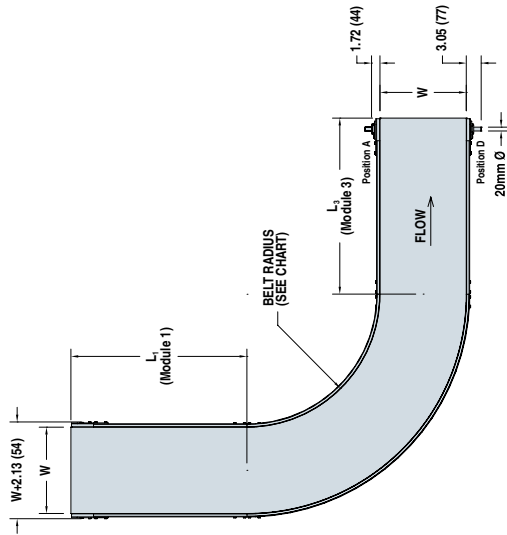


Curve Configurations

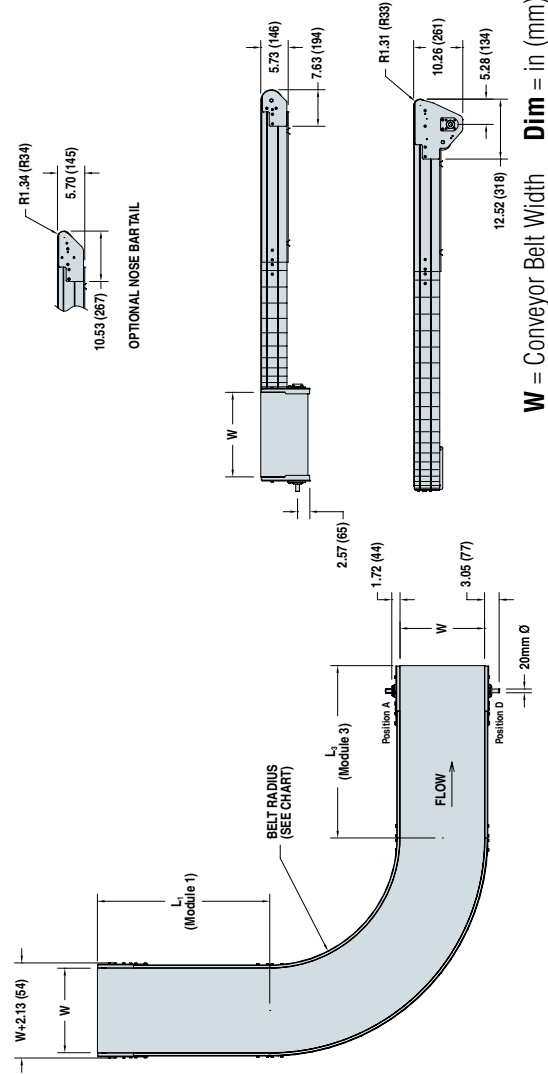
Order gearmotor mounting packages and gearmotors separately, see pages 167-184.  
For support stands and accessories, see pages 185-192.

For ordering information, see page 194

**END DRIVE MODEL**



**NOSE BAR DRIVE MODEL**



**Belt Width Table**

Conveyor Width (in)	Top of Belt Width	Belt Width Including Tab	Inside Radius of Belt	Frame Width in Straight
08	7.80	8.55	10.6	9.22
10	9.81	10.56	14.1	11.18
12	11.79	12.53	17.5	13.15
14	13.75	14.50	20.8	15.11
16	15.72	16.47	24.1	17.08
18	17.69	18.44	27.4	19.04
20	19.66	20.41	30.7	21.00
22	21.63	22.38	33.9	22.97
24	23.60	24.35	37.2	24.94
26	25.55	26.29	40.5	26.90
28	27.51	28.26	43.6	28.87
30	29.48	30.23	47.0	30.83
32	31.45	32.20	50.2	32.80
34	33.42	34.17	53.6	34.76
36	35.39	36.14	56.8	36.72

**STANDARD SIZES**

Conveyor Width Reference	08	02 increments up to...	36
Conveyor Belt Width (W)	8" (203mm)	2" (51mm) increments up to...	36" (914mm)
Module Length Reference	020	001 increments up to...	999
Module Length (L <sub>1</sub> )	greater of 20" (508mm) or 1.5W	1" (25mm) increments up to...	999" (25,375mm)
Module Length (L <sub>3</sub> )	greater of 36" (914mm) or 2W	1" (25mm) increments up to...	999" (25,375mm)

**NOTE:** Conveyor longer than 12' (3,658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

For more information, go to [www.dorner.com](http://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.

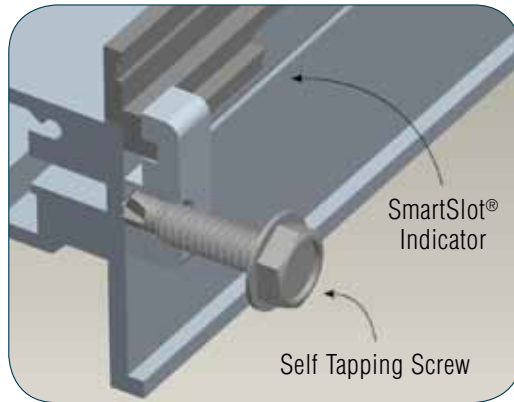


# 5300 SERIES: Z-FRAME STRAIGHT MODULAR FLAT BELT



## Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 8" (203 mm) to 24" (610 mm)
- Conveyor section lengths: 36" (914 mm) to 999" (25,375 mm)
- Standard angles: 5° to 30° in 5° increments
- UHMW wear strip belt support
- One revolution of the drive pulley moves the belt approximately 12"
- Two SmartSlots® for mounting accessories
- Rigid, 5.6" (142 mm) high, anodized aluminum frame
- CE models available



## Features & Benefits:

- Fewer transfers for less product loss
- Two (2) SmartSlot® mounting locations for ¼-20 or M6-1.0 fasteners
- Completely contained belt eliminates catenary sag and reduces pinch points
- Downward facing T-slot for support stand mounting flexibility and dust proof design
- Open top frame simplifies belt maintenance and replacement
- Sprocket alignment key provides continuous sprocket alignment for quick belt assembly
- Support stands mount directly to bottom of side rail which keeps frame open for mounting accessories
- 1" nose bar drive and idler option



Includes sealed bearings and 1" (25 mm) diameter rollers. Available at either end for small part transfers.  
(2" effective diameter with belt thickness)

### STANDARD SIZES

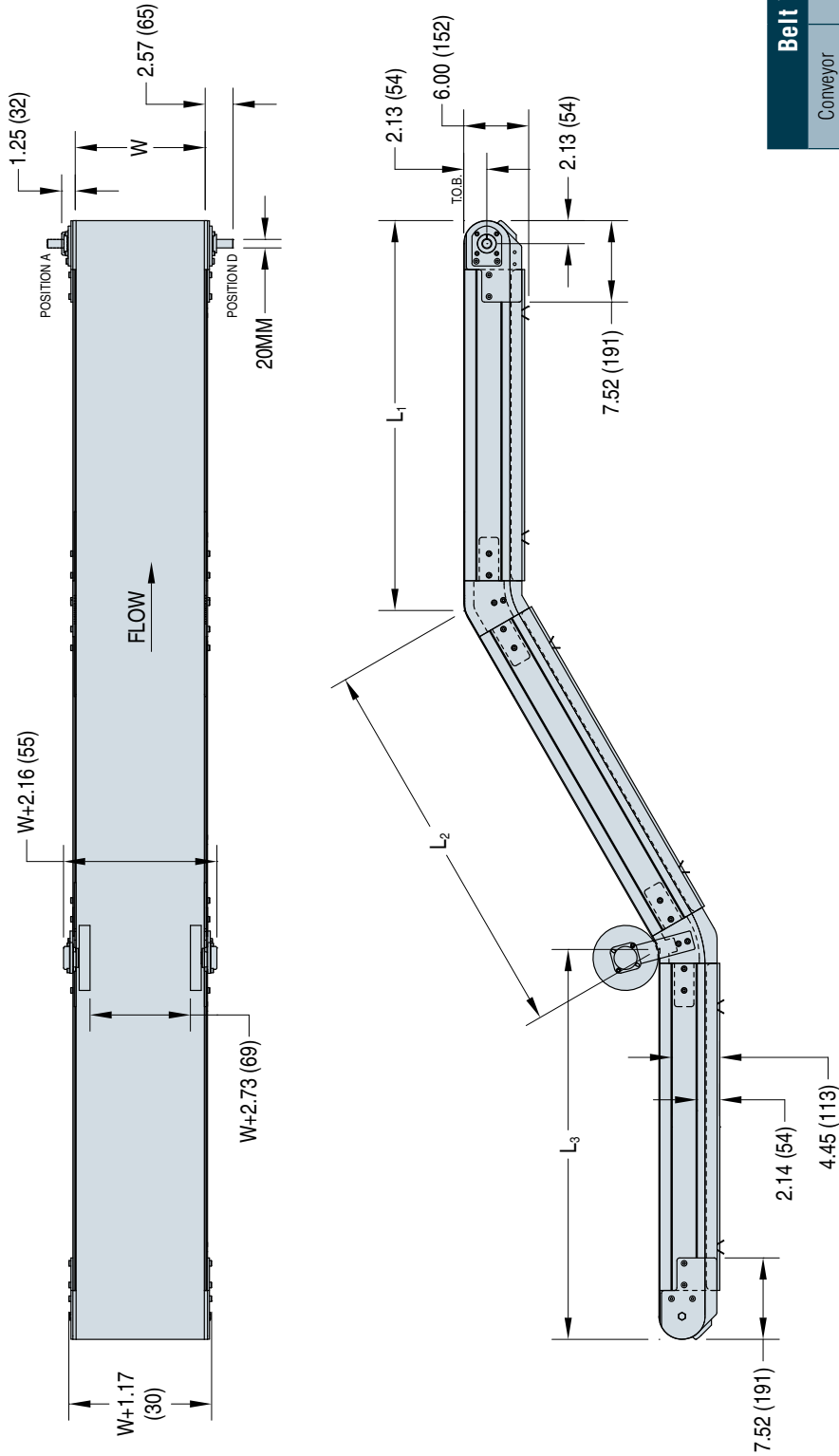
<b>Conveyor Width Reference</b>	08	02 increments up to...	24
<b>Conveyor Belt Width (W)</b>	8" (203mm)	2" (51mm) increments up to...	24" (610mm)
<b>Module Length Reference</b>	024	001 increments up to...	999
<b>Module Length (L<sub>1</sub> / L<sub>2</sub> / L<sub>3</sub>)</b>	24" (610mm)	1" (25mm) increments up to...	999" (25,375mm)

**NOTE:** Conveyor longer than 12' (3,658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

Order gearmotor mounting packages and gearmotors separately, see pages 167-184.  
For support stands and accessories, see pages 185-192.

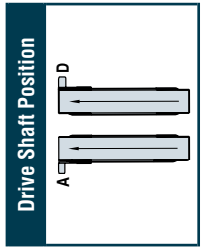
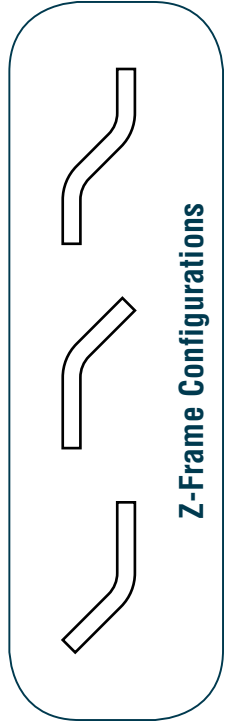


**5300 SERIES: Z-FRAME STRAIGHT MODULAR FLAT BELT**



Belt Width Table	
Conveyor Width (in)	Outside Frame Width
08	7.89
10	9.85
12	11.84
14	13.79
16	15.76
18	17.73
20	19.70
22	21.66
24	23.63

W = Conveyor Belt Width    Dim = in (mm)



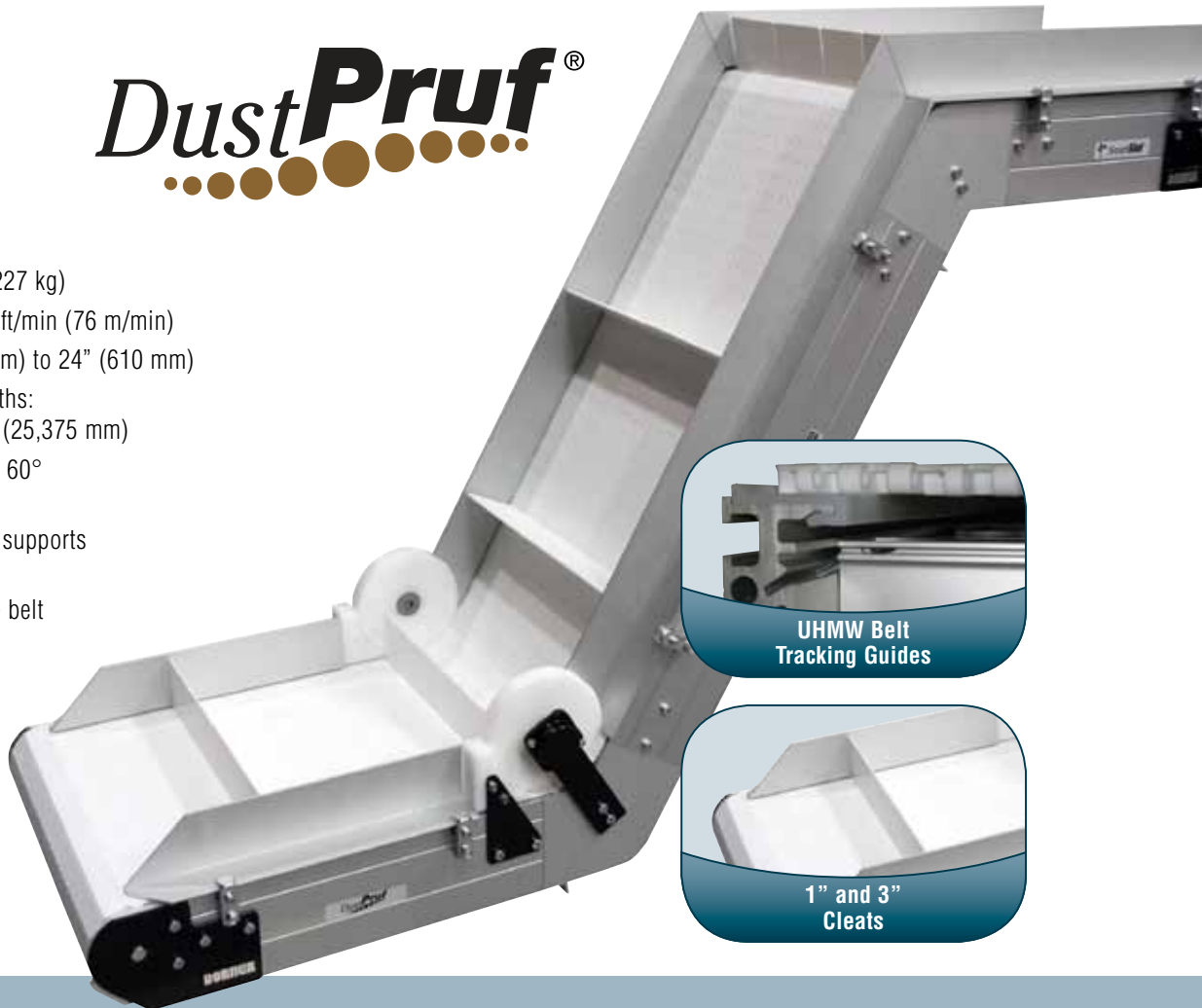
For more information, go to [www.dorner.com](http://www.dorner.com). Call 800.397.8664 or 262.367.7600.  
Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

# 5300 SERIES: Z-FRAME STRAIGHT MODULAR CLEATED BELT



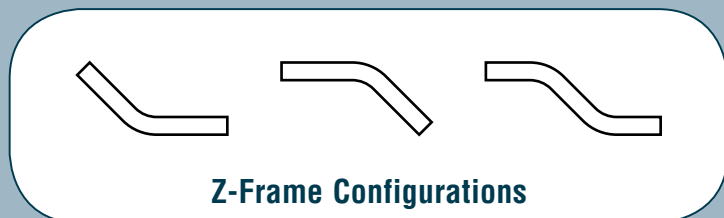
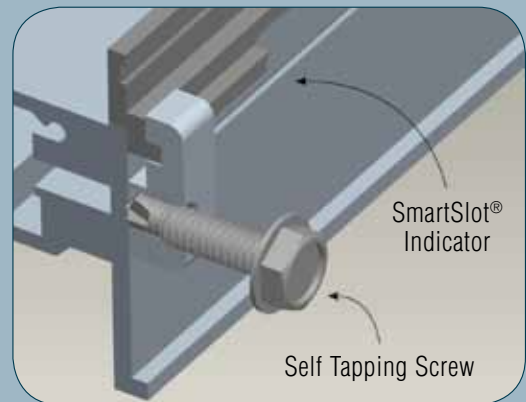
## Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 8" (203 mm) to 24" (610 mm)
- Conveyor section lengths: 36" (914 mm) to 999" (25,375 mm)
- Standard angles: 5° to 60° in 5° increments
- UHMW wear strip belt supports
- One revolution of the drive pulley moves the belt approximately 12"
- Two SmartSlots® for mounting accessories
- Rigid, 5.6" (142 mm) high, anodized aluminum frame
- Available in 1" and 3" high cleats
- CE models available



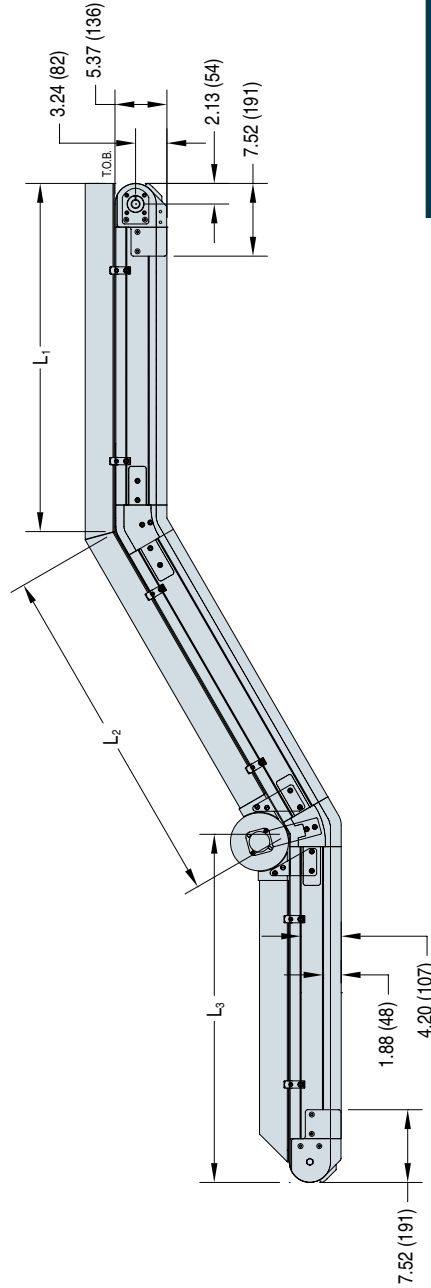
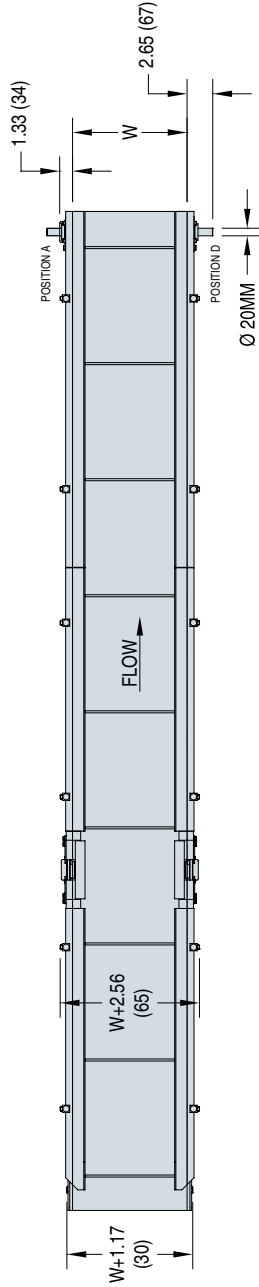
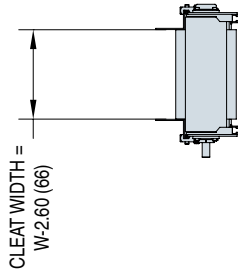
## Features & Benefits:

- Fewer transfers for less product loss
- Two (2) SmartSlot® mounting locations for ¼-20 or M6-1.0 fasteners
- Completely contained belt eliminates catenary sag and reduces pinch points
- Downward facing T-slot for support stand mounting flexibility and dust proof design
- Open top frame simplifies belt maintenance and replacement
- Sprocket alignment key provides continuous sprocket alignment for quick belt assembly
- Support stands mount directly to bottom of side rail which keeps frame open for mounting accessories

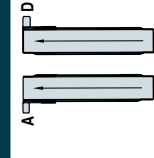


Order gearmotor mounting packages and gearmotors separately, see pages 168-184.  
For support stands and accessories, see pages 185-192.

**5300 SERIES: Z-FRAME STRAIGHT MODULAR CLEATED BELT**



Drive Shaft Position



W = Conveyor Belt Width Dim = in (mm)

Belt Width Table

Conveyor Width (in)	Belt Width	Outside Frame Width	Cleat Width
08	7.89	8.48	5.29
10	9.85	10.50	7.25
12	11.84	12.48	9.24
14	13.79	14.45	11.19
16	15.76	16.43	13.16
18	17.73	18.40	15.13
20	19.70	20.38	17.10
22	21.66	22.35	19.06
24	23.63	24.28	21.03

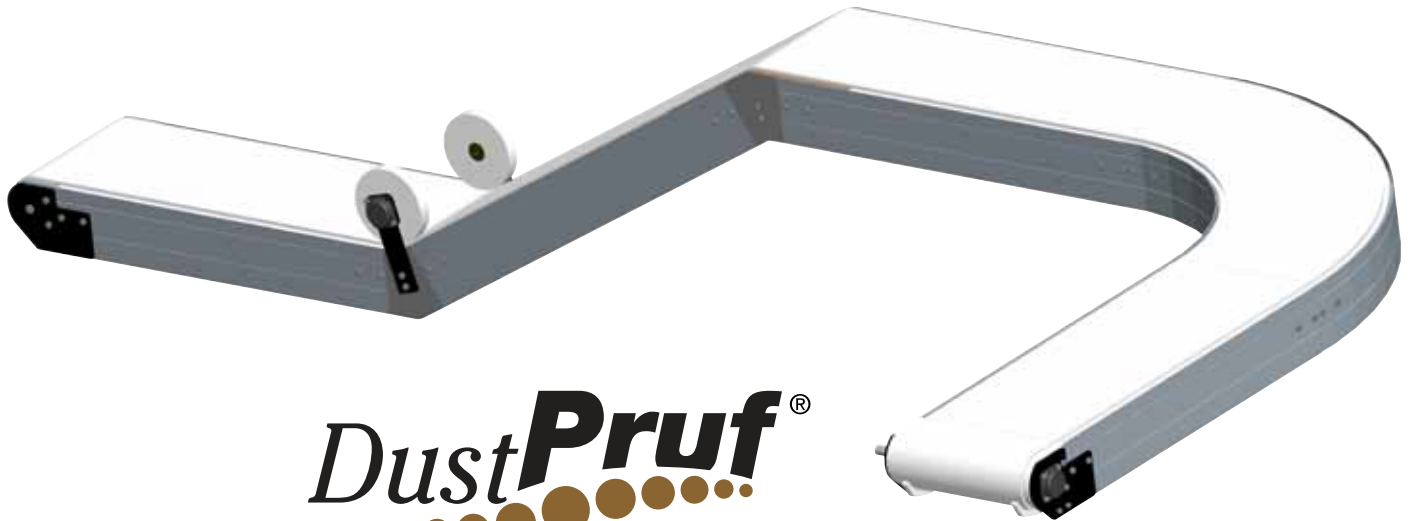
**STANDARD SIZES**

<b>Conveyor Width Reference</b>	08	02 increments up to ...	24
<b>Conveyor Belt Width (W)</b>	8" (203mm)	2" (51mm) increments up to ...	24" (610mm)
<b>Module Length Reference</b>	024	001 increments up to ...	999
<b>Module Length (L<sub>1</sub> / L<sub>2</sub> / L<sub>3</sub>)</b>	24" (610mm)	1" (25mm) increments up to ...	999" (25,375mm)

**NOTE:** Conveyor longer than 12" (3,658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

For more information, go to [www.dorner.com](http://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.

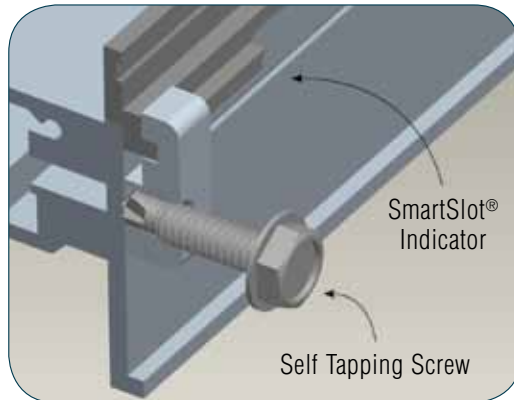
# 5300 SERIES: Z-FRAME CURVED MODULAR FLAT BELT



## DustPruf®

### Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 8" (203 mm) to 24" (610 mm)
- Conveyor section lengths: 36" (914 mm) to 999" (25,375 mm)
- Curves available in 45°, 90°, 135° and 180° angles
- Standard angles: 5° to 30° in 5° increments
- Custom angles available
- UHMW wear strip belt support
- One revolution of the drive pulley moves the belt approximately 12"
- Two SmartSlots® for mounting accessories
- Rigid, 5.6" (142 mm) high, anodized aluminum frame
- CE models available



### Features & Benefits:

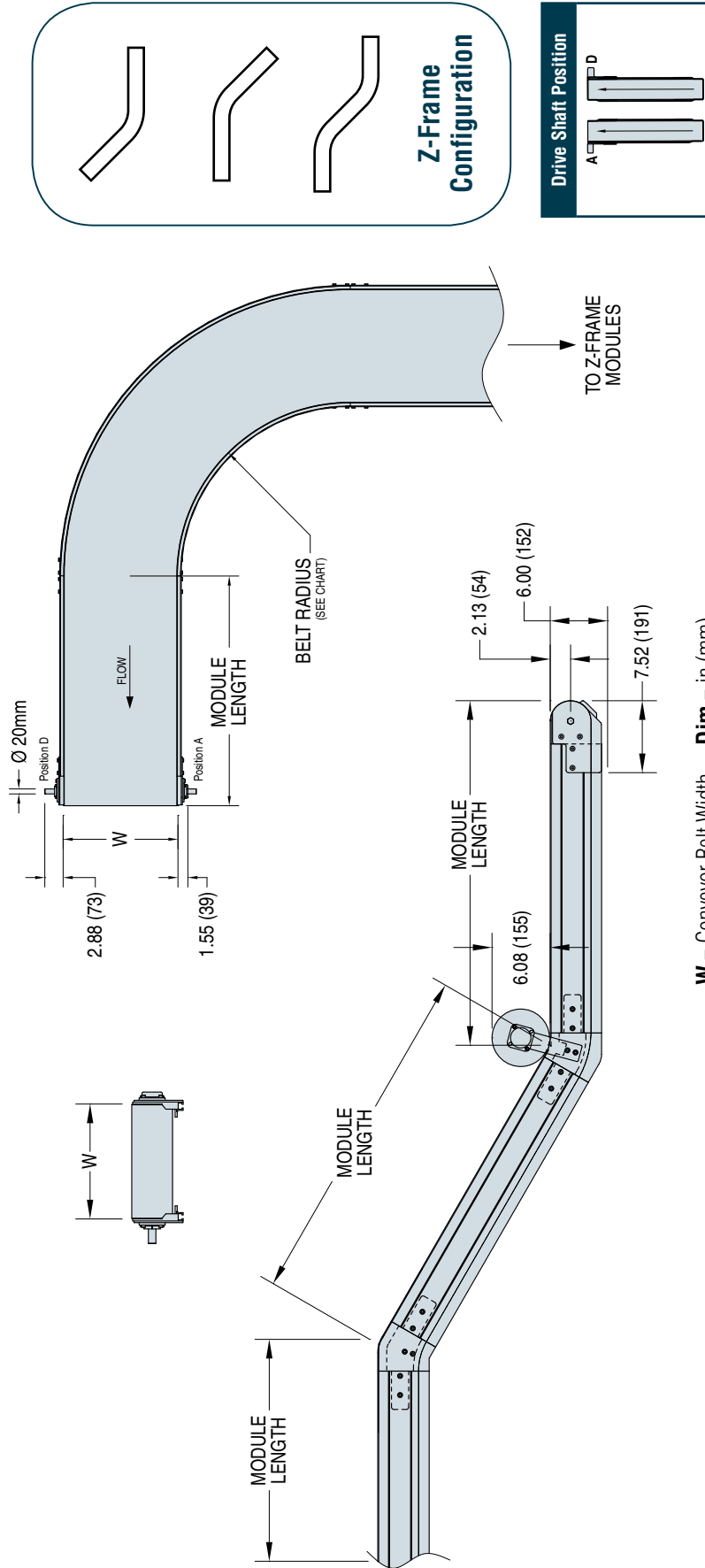
- Fewer transfers for less product loss
- Two (2) SmartSlot® mounting locations for ¼-20 or M6-1.0 fasteners
- Completely contained belt eliminates catenary sag and reduces pinch points
- Downward facing T-slot for support stand mounting flexibility and dust proof design
- Open top frame simplifies belt maintenance and replacement
- Sprocket alignment key provides continuous sprocket alignment for quick belt assembly
- Support stands mount directly to bottom of side rail which keeps frame open for mounting accessories
- Nose Bar drive and idler option



Includes sealed bearings with 1-5/8" (41 mm) diameter rollers. Available at either end for small part transfers. (2.6" effective diameter with belt thickness)

Order gearmotor mounting packages and gearmotors separately, see pages 168-184.  
For support stands and accessories, see pages 185-192.

**5300 SERIES: Z-FRAME CURVED MODULAR FLAT BELT**



W = Conveyor Belt Width Dim = in (mm)

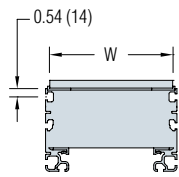
STANDARD SIZES			
<b>Conveyor Width Reference</b>	08	02 increments up to...	24
<b>Conveyor Belt Width (W)</b>	8" (203mm)	2" (51mm) increments up to...	24" (610mm)
<b>Module Length Reference</b>	020	001 increments up to...	999
<b>Module Length (L<sub>1</sub>)</b>	greater of 36" (914mm) or 2W	1" (25mm) increments up to...	999" (25,375mm)
<b>Module Length (L<sub>2</sub>)</b>	greater of 20" (508mm) or 1.5W	1" (25mm) increments up to...	999" (25,375mm)
<b>Module Length (L<sub>3</sub> / L<sub>4</sub>)</b>	24" (610mm)	1" (25mm) increments up to...	999" (25,375mm)

**NOTE:** Conveyor longer than 12' (3,658 mm) will be constructed using a multiple piece frame. Consult factory for locations of these frame joints. Support is recommended at each frame joint.

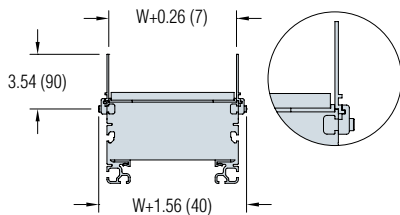
Belt Width Table				
Conveyor Width (in)	Top of Belt Width	Belt Width Including Tab	Inside Radius of Belt	Frame Width in Straight
08	7.80	8.55	10.6	9.22
10	9.81	10.56	14.1	11.18
12	11.79	12.53	17.5	13.15
14	13.75	14.50	20.8	15.11
16	15.72	16.47	24.1	17.08
18	17.69	18.44	27.4	19.04
20	19.66	20.41	30.7	21.00
22	21.63	22.38	33.9	22.97
24	23.60	24.35	37.2	24.94

# 5200 & 5300 SERIES: PROFILES

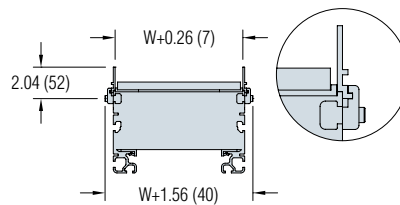
## 5200 & 5300 SERIES STRAIGHT PROFILES



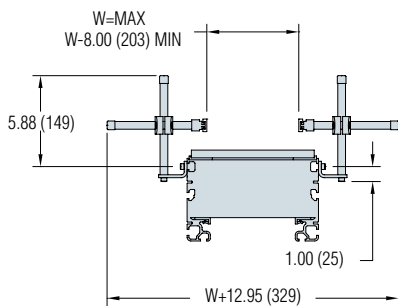
01



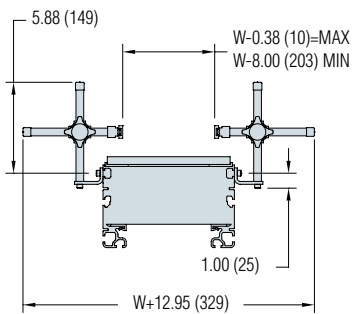
04



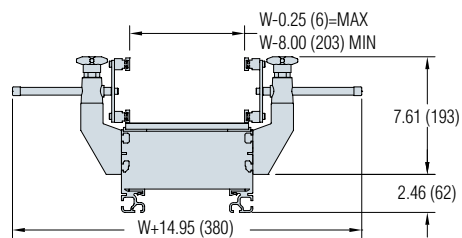
05



13

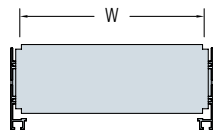


14

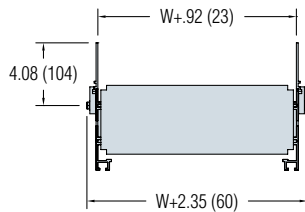


15  
(5200 Series only)

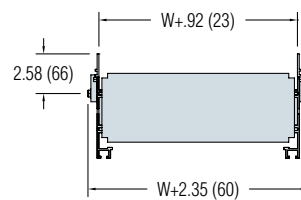
## 5300 SERIES CURVE PROFILE



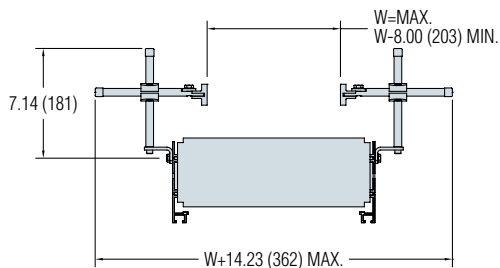
01



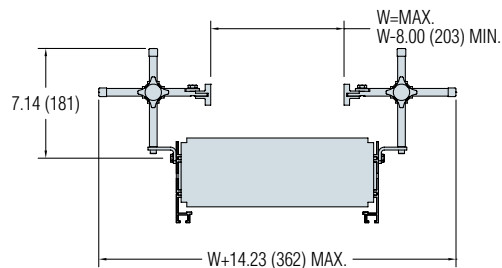
04



05



17



18

W = Conveyor Belt Width Dim = in (mm)

## Dorner's Standard Modular Plastic Belting offers these valuable advantages:



### Friction Inserts

are available for incline applications. Inserts may be placed along entire length of the belt or spaced on 2", 4", 6" or 12" centers.

Friction inserts are indented 2" (51 mm) from each belt edge.



### Flat Top Belts

provide a very closed surface for complete product support, easy wiping.



### Flush Grid Belts

provide an open surface for better drainage, cleaning or air flow/cooling.



### Curve Belts

provide a tight radius, space saving corner. Side tabs ensure positive belt tracking with a flush top design. Reduces number of drives.



### Cleated Belts

provide a sturdy cleat for elevation at steep inclines. Cleats available in 1" and 3" heights.



# 5200 & 5300 SERIES: MODULAR BELTING

## Standard Plastic Chain Options

Belt Type		Part Number Reference	Description	% Open	Pitch in (mm)	Belt Thickness in (mm)	Color	Belt Material	Rod Material	Minimum Product Temperature F(C)***	Maximum Product Temperature F(C)***	FDA / CFIA Approved*	Chemical Resistance	Wear Resistance	Maximum Incline / Decline (degrees)**	Nose Bar Idler Diameter in (mm)
Straight Flat Belts	Standard Drive & Idler Pulley	MN	Flat top	0	1 (25)	0.39 (10)	Blue	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	5	N/A
		MP	Flat top	0	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	5	N/A
		MC	Flush Grid	35	1 (25)	0.39 (10)	White	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	5	N/A
		MD	Flush Grid	35	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	5	N/A
	Nose Bar Drive or Nose Bar Idler	MG	Flat top	0	0.5 (13)	0.39 (10)	White	Acetal	Nylon	-40 (-40)	200 (93)	Y	Good	V-Good	5	1 (25)
		MH	Flat top	0	0.5 (13)	0.39 (10)	White	Polypropylene	Nylon	40 (5)	220 (105)	Y	V-Good	Good	5	1 (25)
		MJ	Flush Grid	25	0.5 (13)	0.39 (10)	White	Acetal	Nylon	-40 (-40)	200 (93)	Y	Good	V-Good	5	1 (25)
		MK	Flush Grid	25	0.5 (13)	0.39 (10)	White	Polypropylene	Nylon	40 (5)	220 (105)	Y	V-Good	Good	5	1 (25)
Cleated Straight Belts	Standard Drive & Idler Pulley	NJ	Flat top w/ 1" Cleats	0	1 (25)	0.39 (10)	Blue	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NK	Flat top w/ 1" Cleats	0	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
		NL	Flat top w/ 3" Cleats	0	1 (25)	0.39 (10)	Blue	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NM	Flat top w/ 3" Cleats	0	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
		NE	Flush Grid w/ 1" cleats	35	1 (25)	0.39 (10)	White	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NF	Flush Grid w/ 1" cleats	35	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
		NG	Flush Grid w/ 3" cleats	35	1 (25)	0.39 (10)	White	Acetal	Polypropylene	40 (5)	200 (93)	Y	Good	V-Good	60°	N/A
		NH	Flush Grid w/ 3" cleats	35	1 (25)	0.39 (10)	White	Polypropylene	Polypropylene	40 (5)	220 (105)	Y	V-Good	Good	60°	N/A
Friction Top Straight Belts	Standard & Nose Bar Idler Pulley	SEE TABLE BELOW	Flat top w/ friction inserts	0	1 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	N/A
		SEE TABLE BELOW	Flush Grid w/ friction inserts	35	1 (25)	0.55 (14)	White	Polypropylene	Polypropylene	40 (5)	140 (60)	Y	V-Good	Poor	20	N/A
Curved Flat Belts	Standard & Nose Bar Idler Pulley	MT	Tight Radius	35	1 (25)	0.5 (13)	White	Acetal	Nylon	-40 (-40)	200 (93)	Y	Good	V-Good	N/A	1.6 (41)

\* FDA = Food and Drug Administration, CFIA = Canadian Food Inspection Agency

\*\* Temperature, environmental conditions, product materials and product configuration effect the maximum incline or decline. Product testing is recommended.

\*\*\* These do not indicate ambient running conditions. Ambient temperature range is 30 to 100 F (-1 to 38 C).

Product temperature is dependent on length of time product is in direct contact with belt surface. Product testing is recommended.

### FRICION TOP STRAIGHT PLASTIC CHAIN: Part number reference chart

Flat Top w/ Friction Inserts Part Number Reference	TA	TB	TC	TD	TE
Flush Grid w/ Friction Inserts Part Number Reference	N/A	TF	TG	TH	TJ
Friction Insert Spacing [links]	1	2	4	6	12
Friction Insert Spacing	1" (25mm)	2" (51mm)	4" (102mm)	6" (152mm)	12" (305mm)

Note: Friction Top not available on nose bar drives

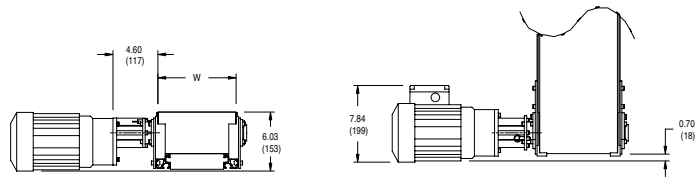
## GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

- Step 1:** Select a **Gearmotor Mounting Package**. For End drive conveyors, select a side, bottom or top drive mount (pages 168-169). If a Nose Bar Drive conveyor is being outfitted, a side mount must be used. 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.
- Step 3:** Find the appropriate set of Belt Speed Charts (pages 170-171) 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 172-184. 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)																	
		10 (4.5)	25 (11.4)	50 (22.7)	75 (34.1)	100 (45.5)	150 (68.2)	200 (90.9)	400 (181.9)	550 (250)	700 (318.2)								
Belt Speed - Ft/min (m/min)	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)																		
	276-300 (84.1-91.4)																		
	301-350 (91.7-106.7)																		
	351-400 (107-121.9)																		
401-450 (122.2-137.1)																			

# 5200 & 5300 SERIES: GEARMOTOR MOUNTING PACKAGES

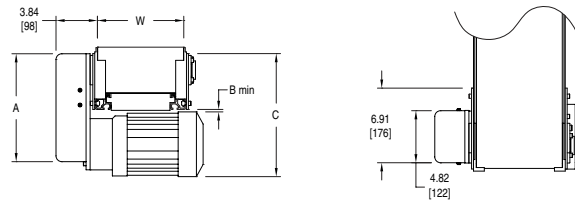
## Side Mount Package, Parallel Shaft Gearmotor



- Includes gearmotor mounting bracket, 3 jaw flexible coupling, coupling guard and mounting hardware

W = Conveyor Belt Width

## Bottom Mount Package, Parallel Shaft Gearmotor



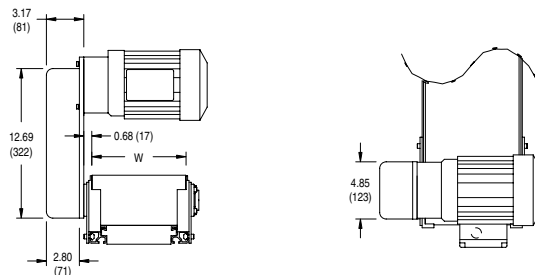
<b>A:</b>	Flat Belt	= 10.00 (254)	<b>B:</b>	Flat Belt	= 0.23 (6)
	Cleated Belt	= 12.69 (322)		Cleated Belt	= 3.40 (18)

<b>C:</b>	Flat Belt	= 11.40 (290)
	Cleated Belt	= 14.31 (363)

- Includes gearmotor mounting bracket, timing belt, pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

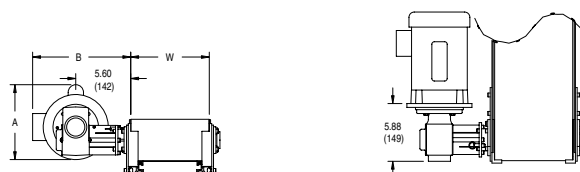
## Top Mount Package, Parallel Shaft Gearmotor



- Includes gearmotor mounting bracket, timing belt, pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

## Side Mount Package, 90° Gearmotor



<b>A:</b>	Light Load	= 6.7 (191)
	Standard Load	= 7.6 (194)

<b>B:</b>	Light Load	= 8.0 (203)
	Standard Load	= 9.8 (240)

- Includes gearmotor mounting bracket, 3-jaw flexible coupling, coupling guard and mounting hardware

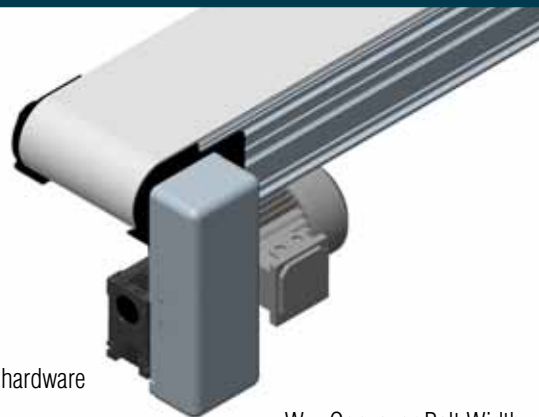
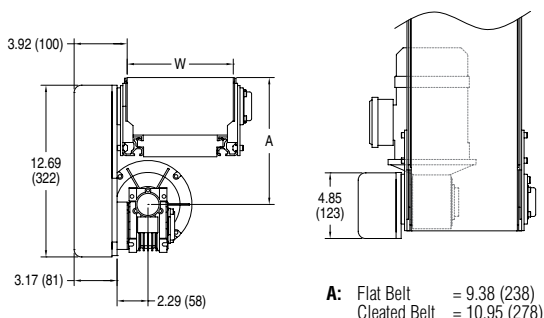
W = Conveyor Belt Width

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

**For ordering information, see page 195**

# 5200 & 5300 SERIES: GEARMOTOR MOUNTING PACKAGES

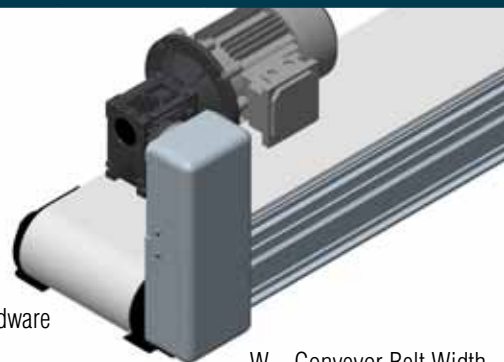
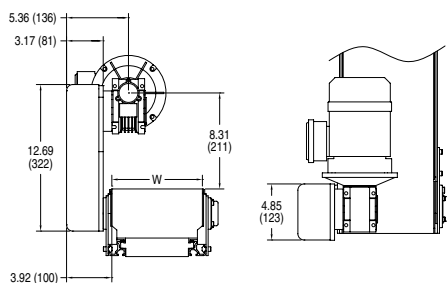
## Bottom Mount Package, 90° Gearmotor



W = Conveyor Belt Width

- Includes gearmotor mounting bracket, timing belt, pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

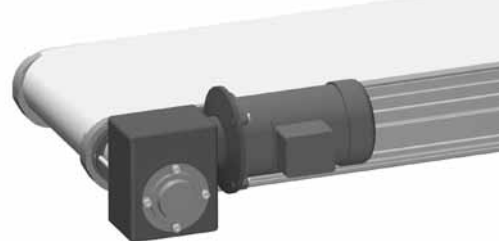
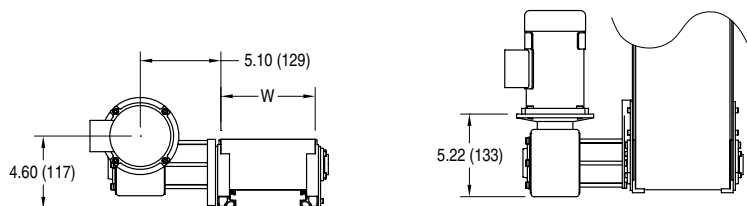
## Top Mount Package, 90° Gearmotor



W = Conveyor Belt Width

- Includes gearmotor mounting bracket, timing belt, pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

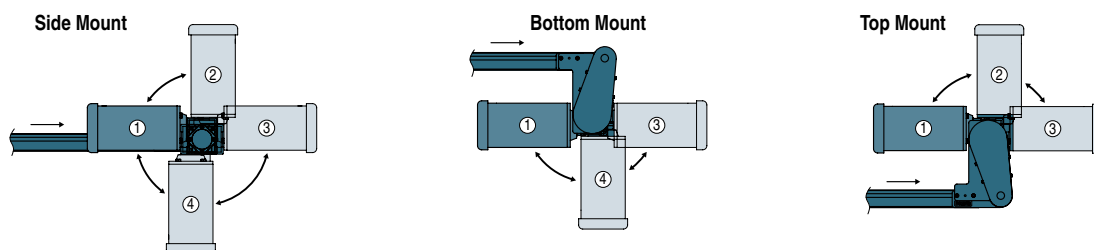
## Heavy Load Side Mount



W = Conveyor Belt Width

- Includes gearmotor mounting bracket, 3-jaw flexible coupling, coupling guard and mounting hardware

## 90° Gearmotor Location Options




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)


For ordering information, see page 195

# 5200 & 5300 SERIES: BELT SPEED CHARTS

## LIGHT & STANDARD LOAD

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
10	3.0	10	x	x	14	14		7
15	4.6	10	x		24	16		7
29	8.8	29	x	x	14	14	1	6, 7
43	13.1	43	x	x	14	14	1	6
47	14.3	47	x	x	14	14		20
58	17.7	58	x	x	14	14		7
65	19.8	43	x		24	16	1	6
86	26.2	86	x	x	14	14	1	6, 7
97	29.6	86	x		18	16	1	6, 7
129	39.3	86	x		24	16	1	6, 7
134	40.7	134	x	x	14	14		20
147	44.8	86	x		24	14	1	6, 7
173	52.7	173	x	x	14	14	1	6, 7
195	59.4	173	x		18	16		6, 7
216	65.8	173	x		20	16		6, 7
247	75.0	173	x		20	14		6, 7
264	80.0	264	x	x	14	14		20
 Gearmotor RPM at 50 Hz.								
23	7.0	23*	x	x	16	16	2	8
35	10.7	35*	x	x	16	16	2	8
53	16.2	35*	x		24	16	2	8
70	21.3	70*	x	x	16	16	2	8
105	32.0	70*	x		24	16	2	8
140	42.7	140*	x	x	16	16	2	8
175	53.3	140*	x		20	16	2	8
210	64.0	140*	x		24	16	2	8

Red = Parallel Shaft, Blue = 90°

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
1.7 - 14	0.5 - 4.3	14	x	x	14	14		12
2.6 - 21	0.8 - 6.5	14	x		24	16		12
2.9 - 2.9	0.9 - 8.9	29	x	x	14	14	4	10, 13
4.3 - 4.3	1.31 - 1.3	43	x	x	14	14	4	10
5.1 - 4.2	1.6 - 1.3	42	x	x	14	14	3	9, 12
6.6 - 6.6	2 - 2.0	43	x		24	16	4	10
7.7 - 6.3	2.3 - 1.9	63	x	x	14	14	3	9
7.8 - 4.7	2.4 - 14.3	47	x	x	14	14		21
8.6 - 8.6	2.62 - 2.6	86	x	x	14	14	4	10, 13
10 - 8.3	3.1 - 2.5	83	x	x	14	14		12
11 - 9.6	3.5 - 2.9	63	x		24	16	3	9
13 - 12.9	4 - 3.9	86	x		24	16	4	10, 13
16 - 12.5	4.7 - 3.8	125	x	x	14	14	3	9, 12
18 - 1.73	5.4 - 5.3	173	x	x	14	14	4	10, 13
22 - 1.34	6.8 - 4.1	134	x	x	14	14		21
23 - 1.88	7 - 5.7	125	x		24	16	3	9, 12
25 - 2.47	8 - 7.5	173	x		20	14	4	10, 13
44 - 2.64	13 - 8.0	264	x	x	14	14		21
 RPM from 50 Hz. gearmotors. VFD drive at 63 max. Hz. output.								
12 - 3.0	3.6 - 9.1	23*	x	x	16	16	5	11
18 - 4.4	5.4 - 1.3	35*	x	x	16	16	5	11
27 - 6.7	8.2 - 2.0	35*	x		24	16	5	11
36 - 8.8	11 - 2.6	70*	x	x	16	16	5	11
54 - 1.35	16 - 4.1	70*	x		24	16	5	11
71 - 1.76	22 - 5.3	140*	x	x	16	16	5	11
89 - 2.21	27 - 6.7	140*	x		20	16	5	11
97 - 2.43	30 - 7.4	140*	x		22	16	5	11

# 5200 & 5300 SERIES: BELT SPEED CHARTS

## HEAVY LOAD

### Fixed Speed

Belt Speed		RPM From Gearmotor	Mount Package Side	Gearmotor Chart Light Load
Ft/min	m/min			
13	4.0	13	x	<b>22</b>
17	5.2	17	x	<b>15</b>
22	6.7	22	x	<b>15</b>
29	8.8	29	x	<b>15</b>
35	10.7	35	x	<b>15</b>
38	11.6	38	x	<b>22</b>
43	13.1	43	x	<b>15</b>
58	17.7	58	x	<b>15</b>
70	21.4	70	x	<b>15</b>
86	26.2	86	x	<b>15</b>
106	32.3	106	x	<b>22</b>
115	35.1	115	x	<b>15</b>
173	52.8	173	x	<b>15</b>
201	61.3	201	x	<b>22</b>
230	70.2	230	x	<b>15</b>

CE Gearmotor RPM at 50 Hz.

14	4.3	14	x	<b>16</b>
18	5.5	18	x	<b>16</b>
28	8.5	28	x	<b>16</b>
35	10.7	35	x	<b>16</b>
47	14.3	47	x	<b>16</b>
70	21.4	70	x	<b>16</b>
93	28.4	93	x	<b>16</b>
140	42.7	140	x	<b>16</b>
187	57.0	187	x	<b>16</b>

### Variable Speed

Belt Speed		RPM From Gearmotor	Mount Package Side	Gearmotor Chart Light Load
Ft/min	m/min			
2.2 - 13	0.7 - 4	13	x	<b>23</b>
4.3 - 17	1.3 - 5	17	x	<b>18</b>
5.5 - 22	1.7 - 7	22	x	<b>18</b>
7.3 - 29	2.2 - 9	29	x	<b>18</b>
8.8 - 35	2.7 - 11	35	x	<b>18</b>
6.3 - 38	1.9 - 12	38	x	<b>23</b>
10.8 - 43	3.3 - 13	43	x	<b>18</b>
14.5 - 58	4.4 - 18	58	x	<b>18</b>
17.5 - 70	5.3 - 21	70	x	<b>18</b>
21.5 - 86	6.6 - 26	86	x	<b>18</b>
17.7 - 106	5.4 - 32	106	x	<b>23</b>
28.8 - 115	8.8 - 35	115	x	<b>18</b>
43.3 - 173	13.2 - 53	173	x	<b>18</b>
33.5 - 201	10.2 - 61	201	x	<b>23</b>
57.5 - 230	17.5 - 70	230	x	<b>18</b>

CE Gearmotor RPM at 50 Hz.

7 - 18	2.1 - 5	14	x	<b>19</b>
9 - 23	2.7 - 7	18	x	<b>19</b>
14 - 35	4.3 - 11	28	x	<b>19</b>
17.5 - 44	5.3 - 13	35	x	<b>19</b>
23.5 - 59	7.2 - 18	47	x	<b>19</b>
35 - 88	10.7 - 27	70	x	<b>19</b>
46.5 - 117	14.2 - 36	93	x	<b>19</b>
70 - 176	21.4 - 54	140	x	<b>19</b>
93.5 - 236	28.5 - 72	187	x	<b>19</b>

Red = Parallel Shaft, Blue = 90°

# 5200 & 5300 SERIES: GEARMOTORS

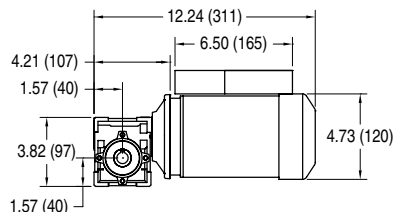
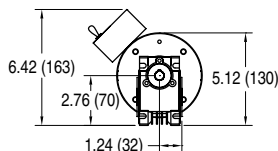
## LIGHT LOAD, FIXED SPEED

**Chart 1**

90° (For use on side mount packages only)

- Sealed gearmotor
- NEMA 42 CZ 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 184

eDrive®



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	L	0.25	0.19	5	0.25	0.19	1.2 / 0.6	226	25.5	L
32M040EL4(vp)FN	43	L	0.25	0.19	5	0.25	0.19	1.2 / 0.6	237	26.8	L
32M020EL4(vp)FN	86	L	0.25	0.19	5	0.25	0.19	1.2 / 0.6	142	16.0	L
32M010EL4(vp)FN	173	L	0.25	0.19	5	0.25	0.19	1.2 / 0.6	78	18.8	L

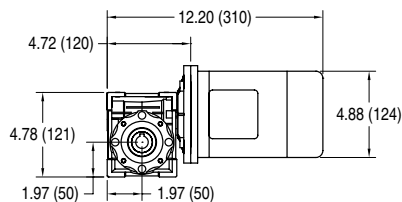
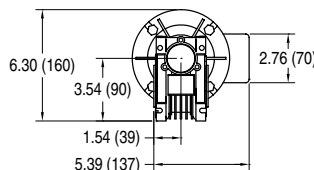
(vp) = Voltage and Phase 11 = 115V, 1 phase 23 = 208 - 230 / 460V, 3 phase

**Chart 2**

CE 90° (For use on side mount packages only)

- Sealed gearmotor
- Totally enclosed, fan cooled
- IEC 63 B5 C Face
- IP 55 protection rating
- 50 Hz
- Order starter separately, see page 184

eDrive®



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

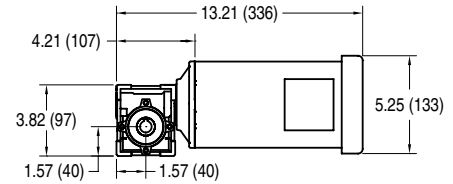
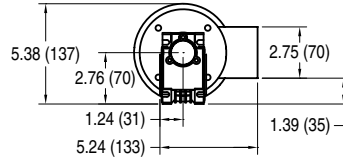


## LIGHT LOAD, VARIABLE SPEED

**Chart 3**

90° (For use on side mount packages only)

- 130 Volts DC
- NEMA 42 CZ C Face
- Totally enclosed, fan cooled
- 300 - 2500 RPM motor
- Order controller separately, see page 182

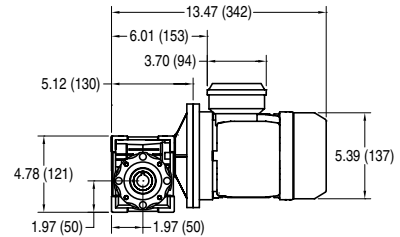
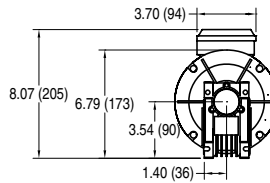


Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari-Speed Control Chart
22M060ESD3DEN	42	L	0.33	0.25	2.3	198	22.4	A
22M040ESD3DEN	63	L	0.33	0.25	2.3	163	18.4	A
22M020ESD3DEN	125	L	0.33	0.25	2.3	98	11.1	A
22M010ESD3DEN	250	L	0.33	0.25	2.3	54	6.1	A

**Chart 4**

90° (For use on side mount packages only)

- 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 page 183



Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.*	Nm	Vari-Speed Control Chart
32M060EL423EN	29	K	0.5**	0.19	1.6 / 0.97	226	25.5	D and E
32M040EL423EN	43	K	0.5**	0.19	1.6 / 0.97	237	86.8	D and E
32M020EL423EN	86	K	0.5**	0.19	1.6 / 0.97	142	16.0	D and E
32M010EL423EN	173	K	0.5**	0.19	1.6 / 0.97	78	8.8	D and E

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

**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)

# 5200 & 5300 SERIES: GEARMOTORS

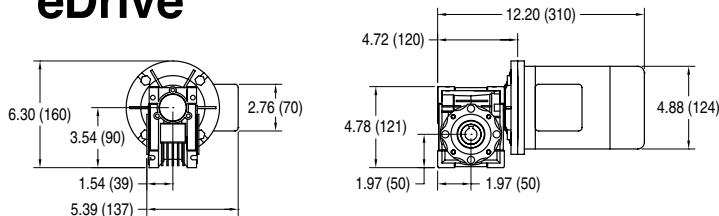
## LIGHT LOAD, VARIABLE SPEED

**Chart 5**

CE 90° (For use on side mount packages only)

- 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 182

**eDrive®**



Part Number	RPM	Gearmotor Type	3 Ph kW	3 Ph FLA	Nm*	Vari-Speed Control Chart
62Z060ES423EN	23	L	0.18	1.4	26.4	B
62Z040ES423EN	35	L	0.18	1.4	28.9	B
62Z020ES423EN	70	L	0.18	1.4	19.4	B
62Z010ES423EN	140	L	0.18	1.4	10.7	B

\* = At 50 Hz

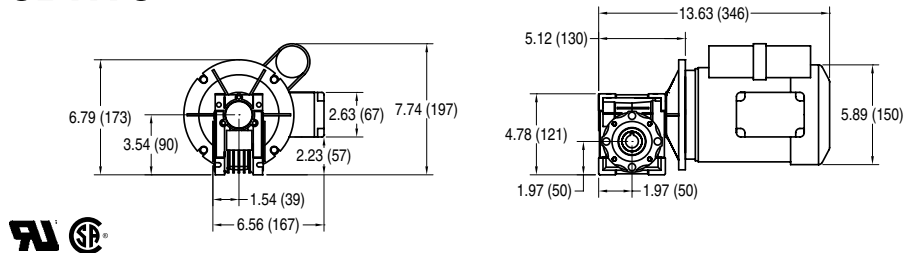
**CE Note:** When buying a gearmotor only without the starter, the customer must supply their own on/off switch and motor overload protection to comply with the CE Safety Directive.

**Chart 6**

90°

- Sealed gearmotors
- 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 184

**eDrive®**



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

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

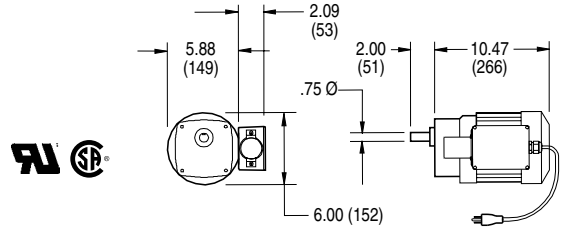
**FLA = Full Load Amperes**

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

## STANDARD LOAD, FIXED SPEED

**Chart 7** Parallel Shaft

- Sealed gearmotor
- Totally enclosed, fan cooled
- 115V 1 phase includes switch, cord and overload protection
- 230V 3 phase wiring by others
- 60 Hz
- Order 3 phase starter separately, see page 184



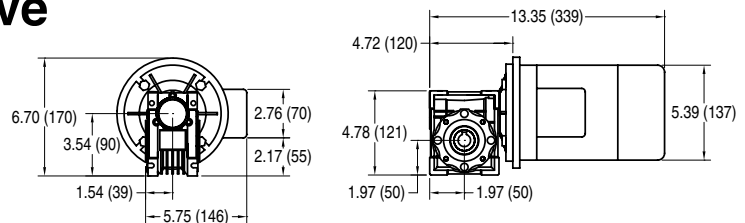
Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm	Vari-Speed Control Chart
			Hp	kW	FLA	Hp	kW	FLA			
62M180PS4(vp)FN	10	S	0.08	0.06	1.2	.17	0.13	1.0	341	38.5	L
62M060PS4(vp)FN	29	S	0.17	0.13	1.9	.17	0.13	1.0	270	30.5	L
(x)2M030PS4(vp)FN	58	S	0.33	0.25	4	.38	0.28	1.9	250	28.3	M
(x)2M020PS4(vp)FN	86	S	0.33	0.25	4	.38	0.28	1.9	167	18.9	M
(x)2M010PS4(vp)FN	173	S	0.33	0.25	4	.38	0.28	1.9	108	12.2	M
(x)2M005PS4(vp)FN	345	S	0.33	0.25	4	.38	0.28	1.9	56	6.3	M

(vp) = Voltage and Phase 11 = 115V, 1 phase 23 = 208 - 230 / 460V, 3 phase (x) = 3 for 1 phase, 6 for 3 phase

**Chart 8** CE 90°

- Sealed gearmotor
- IEC 71 B5 C face for 0.37 kW Motor
- IEC 63 B5 C face for 0.18 kW Motor
- IP55 protection rating
- Order starter separately, see page 184
- Totally enclosed, fan cooled
- Non-reversible
- 50 Hz

**eDrive®**



Part Number	RPM	Gearmotor Type	1Ph kW	1 Ph FLA	3 Ph kW	3 Ph FLA	Nm	Starter Chart
62Z060ES4(vp)FN	23	L	0.18	1.6	0.18	1.4 / 0.8	26.8	I
62Z040ES4(vp)FN	35	L	0.18	1.6	0.18	1.4 / 0.8	29.4	I
32Z020ES4(vp)FN	70	S	0.37	2.6	0.37	2.1 / 1.2	29.9	J
32Z010ES4(vp)FN	140	S	0.37	2.6	0.37	2.1 / 1.2	21.5	J
32Z005ES4(vp)FN	280	S	0.37	2.6	0.37	2.1 / 1.2	11.2	J

(vp) = Voltage and Phase 21 = 230V, 1 phase 23 = 230V / 460V, 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)

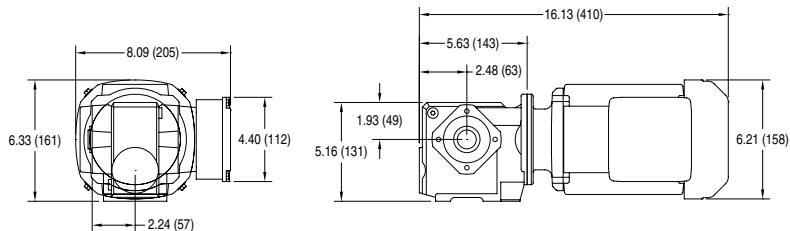
# 5200 & 5300 SERIES: GEARMOTORS

## STANDARD LOAD, FIXED SPEED

**Chart 20**

90°

- SEW SA37 Gearmotor
- Bottom and side mount packages available
- 230 / 460 V 3 Phase
- VFD Compatible with constant torque from 10 to 60 Hz
- Sealed gear head, totally enclosed fan cooled motor



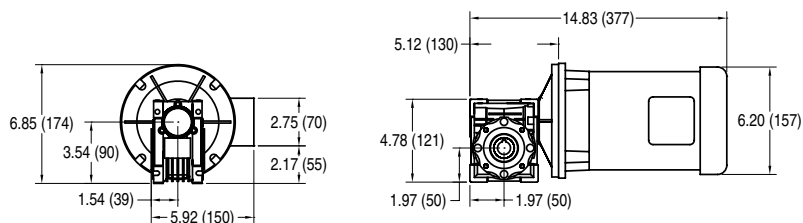
Part Number	RPM*	Gearmotor Type	Hp	kW	FLA	in.-lbs	Nm	Starter Chart
32M038WS423EN	47	W	0.50	0.37	1.84 / 0.92	548	61.9	M
32M013WS423EN	134	W	0.75	0.56	2.50 / 1.25	327	37.0	M
32M007WS423EN	264	W	1.00	0.75	2.90 / 1.44	221	25.0	P

## STANDARD LOAD, VARIABLE SPEED

**Chart 9**

90°

- 90V DC
- Sealed gearmotor
- NEMA 56 C Face
- Totally enclosed, fan cooled
- Order controller separately, see page 182



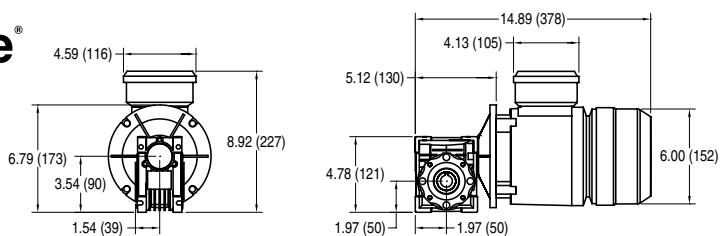
Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari-Speed Control Chart
32M060ESD9DEN	42	S	0.5	0.37	5.0	198	22.4	C
32M040ESD9DEN	63	S	0.5	0.37	5.0	215	24.3	C
32M020ESD9DEN	125	S	0.5	0.37	5.0	196	22.1	C
62M005EHD9DEN	250	S	0.75	0.5	7.5	108	12.2	C

**Chart 10**

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 page 183

**eDrive®**



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

\* = At 60 Hz      \*\* = Motor is de-rated to 0.5 Hp (2.2 / 1.1 amp) for full torque throughout the speed range.

**FLA = Full Load Amperes**

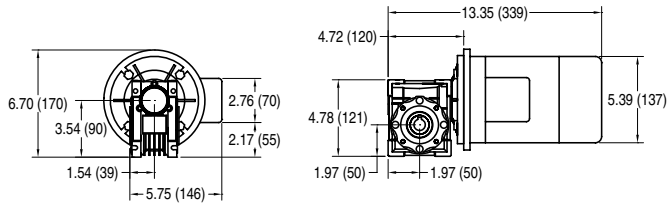
Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

## STANDARD LOAD, VARIABLE SPEED

**Chart 11**

CE 90°

- Variable frequency drive, 25 - 63 Hz
- Sealed gearmotor
- IEC 63 B5 C Face for 0.18 kW Motor
- IEC 71 B5 C Face for 0.37 kW Motor
- IP 55 protection rating
- Totally enclosed, fan cooled
- 230/400 Volts, 3 Phase
- Order controller separately, see page 182



**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.

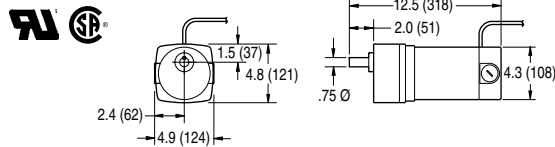
Part Number	RPM	Gearmotor Type	3 Ph kW	3 Ph FLA	Nm*	Vari-Speed Control Chart
62Z060ES423EN	23	L	0.18	1.4 / 0.8	26.8	B
62Z040ES423EN	35	L	0.18	1.4 / 0.8	29.4	B
32Z020ES423EN	70	S	0.37	2.1 / 1.2	29.9	B
32Z010ES423EN	140	S	0.37	2.1 / 1.2	21.5	B
32Z005ES423EN	280	S	0.37	2.1 / 1.2	11.2	B

\* = At 50 Hz

**Chart 12**

Parallel Shaft

- 130 Volts DC
- Sealed gearmotor
- Totally enclosed, non-ventilated
- 300 - 2500 RPM motor
- Order controller separately, see page 182

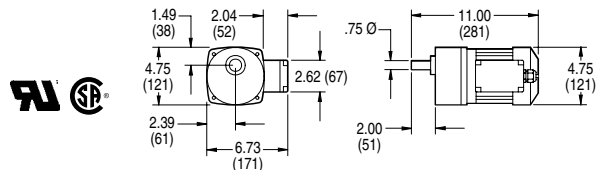


Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari-Speed Control Chart
62M180PSD3DEN	14	S	0.12	0.09	1.0	341	38.5	A
62M060PSD3DEN	42	S	0.25	0.19	1.8	270	30.5	A
62M030PSD3DEN	83	S	0.25	0.19	1.8	135	15.3	A
62M020PSD3DEN	125	S	0.25	0.19	1.8	90	10.2	A
62M010PSD3DEN	250	S	0.33	0.25	2.3	72	8.1	A

**Chart 13**

Parallel Shaft

- Variable frequency drive, 10 to 60 Hz
- Sealed gearmotor
- Totally enclosed, fan cooled
- 230 Volts / 3 Phase, VFD duty
- Order controller separately, see page 183



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

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)

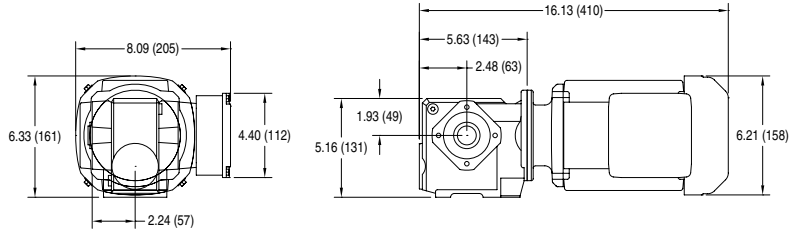
# 5200 & 5300 SERIES: GEARMOTORS

## STANDARD LOAD, VARIABLE SPEED

**Chart 21**

90°

- SEW SA37 Gearmotor
- Bottom and side mount packages available
- 230 / 460 V 3 Phase
- VFD Compatible with constant torque from 10 to 60 Hz
- Sealed gear head, totally enclosed fan cooled motor



Part Number	RPM*	Gearmotor Type	Hp	kW	FLA	in-lbs	Nm	Vari-Speed Control Chart
32M038WS423EN	47	W	0.50	0.37	1.84 / 0.92	548	61.9	D or E
32M013WS423EN	134	W	0.75	0.56	2.50 / 1.25	327	37.0	D or E
32M007WS423EN	264	W	1.00	0.75	2.90 / 1.44	221	25.0	D

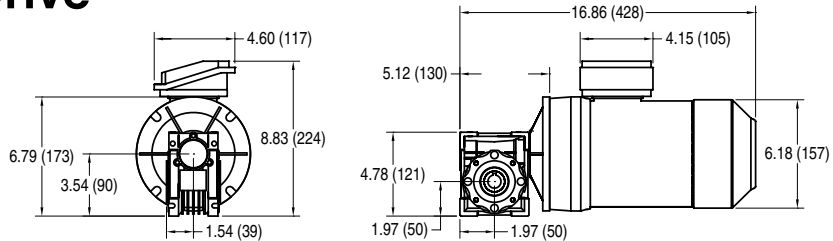
## HEAVY LOAD, FIXED SPEED

**Chart 15**

90°

- NEMA 56 C face for .5 & 1 Hp
- NEMA 145TC C face for 1.5 Hp
- NEMA 145TC C face for 2 Hp
- 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 184

**eDrive®**



Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm	3 Phase Starter Chart
			Hp	kW	FLA	Hp	kW	FLA			
32M100EH4(vp)FN	17	H	0.5	0.37	8.0	0.5	0.37	2.0 / 1.0	913	103	M
32M080EH4(vp)FN	22	H	0.5	0.37	8.0	0.5	0.37	2.0 / 1.0	833	94	M
32M060EH4(vp)FN	29	H	0.5	0.37	8.0	0.5	0.37	2.0 / 1.0	679	76	M
32M050EH423FN	35	H	n/a	n/a	n/a	1.0	0.74	3.4 / 1.7	1205	136	P
32M040EH423FN	43	H	n/a	n/a	n/a	1.0	0.74	3.4 / 1.7	1023	115	P
32M030EH423FN	58	H	n/a	n/a	n/a	1.5	1.11	5.0 / 2.5	1216	137	Q
32M025EH423FN	70	H	n/a	n/a	n/a	1.5	1.11	5.0 / 2.5	1068	121	Q
32M020EH423FN	86	H	n/a	n/a	n/a	2.0	1.49	6.2 / 3.1	1183	134	Q
32M015EH423FN	115	H	n/a	n/a	n/a	2.0	1.49	6.2 / 3.1	909	103	Q
32M010EH423FN	173	H	n/a	n/a	n/a	2.0	1.49	6.2 / 3.1	636	72	Q
32M008EH423FN	230	H	n/a	n/a	n/a	2.0	1.49	6.2 / 3.1	482	54	Q

**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)

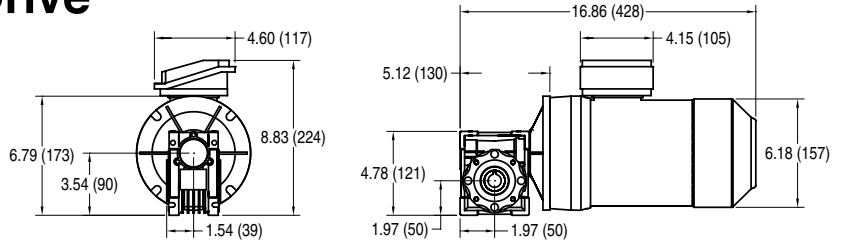
## HEAVY LOAD, FIXED SPEED

Chart 16

CE 90°

- Sealed gearmotor
- IP55 protection rating
- 50 Hz
- IEC B5 C face mount (see table for size)
- Totally enclosed, fan cooled
- Order starter separately, see page 184

eDrive®



Part Number	RPM	Gearmotor Type	Belt Speed		Motor Face	Hp	kW	FLA	in-lbs	Nm	Starter Chart
			ft/min	m/min							
52Z100EH423FN	14	H	14	4.3	71	0.5	0.37	2.1 / 1.2	1142	129	J
52Z080EH423FN	18	H	18	5.3	71	0.5	0.37	2.1 / 1.2	1018	115	J
52Z050EH423FN	28	H	28	8.5	80	0.7	0.55	2.6 / 1.5	1097	124	R
52Z040EH423FN	35	H	35	10.7	80	0.7	0.55	2.6 / 1.5	929	105	R
52Z030EH423FN	47	H	47	14.2	90	1.5	1.10	4.7 / 2.7	1478	167	K
52Z020EH423FN	70	H	70	21.3	90	1.5	1.10	4.7 / 2.7	1080	122	K
52Z015EH423FN	93	H	93	28.4	90	2.0	1.50	6.1 / 3.5	1124	127	K
52Z010EH423FN	140	H	140	42.7	90	2.0	1.50	6.1 / 3.5	788	89	K
52Z008EH423FN	187	H	187	56.9	90	2.0	1.50	6.1 / 3.5	602	68	K

23 = 230V, 3 phase 43 = 430V, 3 phase

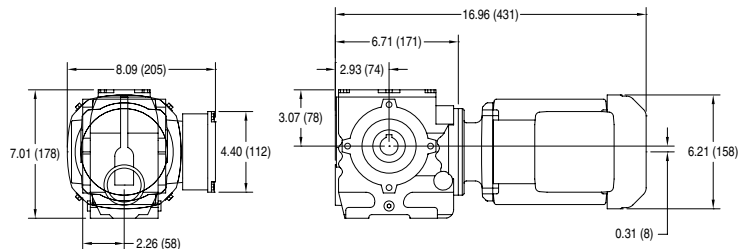
**Note:** LPZ Conveyors are not reversible

**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.

Chart 22

90°

- SEW SA47 Gearmotor
- Center mount packages only
- 230 / 460 V 3 Phase
- VFD Compatible with constant torque from 10 to 60 Hz
- Sealed gear head, totally enclosed fan cooled motor
- Belt speeds available = 22 to 319 ft/min



Part Number	RPM*	Gearmotor Type	Hp	kW	FLA	in-lbs	Nm	Starter Chart
32M128WH423EN*	13	W	0.33	0.25	1.14 / 0.57	991	112.0	L
32M044WH423EN*	38	W	0.75	0.56	2.50 / 1.25	973	109.9	M
32M016WH423EN*	106	W	1.50	1.12	4.50 / 2.25	787	88.9	Q
32M008WH423EN*	201	W	2.00	1.49	5.70 / 2.85	575	65.0	Q

\* 20 day lead time required

**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)



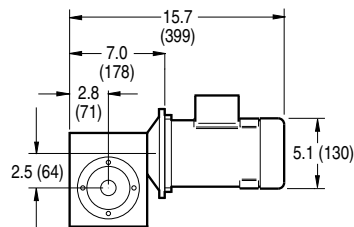
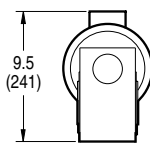
# 5200 & 5300 SERIES: GEARMOTORS

## HEAVY LOAD, VARIABLE SPEED

**Chart 17**

90°

- 90 VDC
- Sealed gearmotor
- NEMA 56C C face
- Totally enclosed, fan cooled
- 2500 RPM motor
- Order controller separately, see page 182

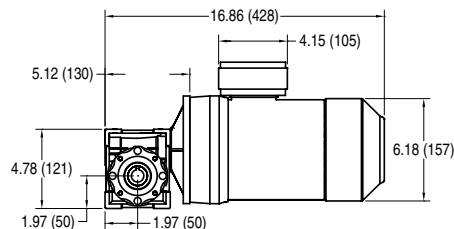
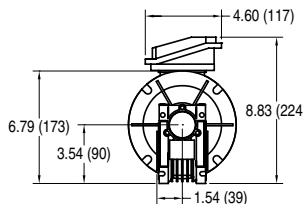


Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.	Nm	Vari-Speed Control Chart
32M100HHD9DEN	25	H	0.5	0.37	5.0	630	71	C
32M080HHD9DEN	31	H	0.5	0.37	5.0	574	65	C
32M060HHD9DEN	42	H	0.5	0.37	5.0	468	53	C
32M050HHD9DEN	50	H	0.75	0.50	7.5	624	70	C
32M040HHD9DEN	63	H	0.75	0.50	7.5	529	60	C

**Chart 18**

90°

- Variable frequency drive, 15 - 60 Hz
- NEMA 56 C face for .5 Hp + 1 Hp
- NEMA 145TC C face for 1.5 + 2 Hp
- Totally enclosed, fan cooled
- 230/460 Volts, 3 phase
- Order controller separately, see page 183



Part Number	RPM	Gearmotor Type	Hp	kW	FLA	in.-lbs.*	Nm*	Vari-Speed Control Chart
32M100EH423EN	17	H	0.5	0.37	1.6 / 0.8	913	103	D or E
32M080EH423EN	22	H	0.5	0.37	1.6 / 0.8	833	94	D or E
32M060EH423EN	29	H	0.5	0.37	1.6 / 0.8	679	76	D or E
32M050EH423EN	35	H	1.0	0.74	3.2 / 1.6	1205	136	D
32M040EH423EN	43	H	1.0	0.74	3.2 / 1.6	1023	115	D
32M030EH423EN	58	H	1.5	1.11	4.2 / 2.1	1216	137	D
32M025EH423EN	70	H	1.5	1.11	4.2 / 2.1	1068	121	D
32M020EH423EN	86	H	2.0	1.49	5.0 / 2.5	1183	134	D
32M015EH423EN	115	H	2.0	1.49	5.0 / 2.5	909	103	D
32M010EH423EN	173	H	2.0	1.49	5.0 / 2.5	636	72	D
32M008EH423EN	230	H	2.0	1.49	5.0 / 2.5	482	54	D

\* = At 60 Hz

**FLA** = Full Load Amperes

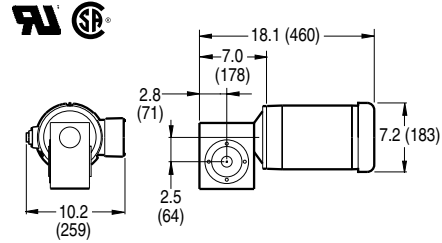
Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

## HEAVY LOAD, VARIABLE SPEED

**Chart 19**

CE 90°

- Variable frequency drive, 25 to 63 Hz
- Sealed gearmotor
- IP55 protection rating
- 230/400 Volts, 50 Hz nominal
- IEC B5 C face mount (see table for size)
- Totally enclosed, fan cooled
- Order controller separately, see page 182



**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.

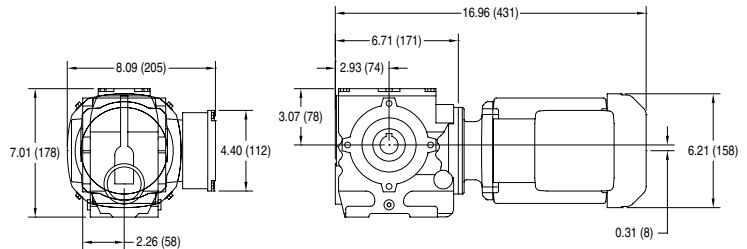
Part Number	RPM	Gearmotor Type	Belt Speed		Motor Face	Hp	kW	FLA	in-lbs	Nm	Controller Chart
			ft/min	m/min							
52Z100HH423EN	7 to 18	H	7 to 18	2 to 5	71	0.5	0.37	2.1 / 1.2	1142	129	B
52Z080HH423EN	9 to 22	H	9 to 22	3 to 7	71	0.5	0.37	2.1 / 1.2	1018	115	B
52Z050HH423EN	14 to 35	H	14 to 35	4 to 11	80	0.7	0.55	2.6 / 1.5	1097	124	B
52Z040HH423EN	18 to 44	H	18 to 44	5 to 13	80	0.7	0.55	2.6 / 1.5	929	105	B
52Z030HH423EN	23 to 59	H	23 to 59	7 to 18	90	1.5	1.10	4.7 / 2.7	1478	167	B
52Z020HH423EN	35 to 88	H	35 to 88	11 to 27	90	1.5	1.10	4.7 / 2.7	1080	122	B
52Z015HH423EN	47 to 118	H	47 to 118	14 to 36	90	2.0	1.50	6.1 / 3.5	1124	127	B
52Z010HH423EN	70 to 176	H	70 to 176	21 to 54	90	2.0	1.50	6.1 / 3.5	788	89	B
52Z008HH423EN	93 to 235	H	93 to 235	28 to 72	90	2.0	1.50	6.1 / 3.5	602	68	B

23 = 230V, 3 phase    43 = 430V, 3 phase    **FLA** = Full Load Amperes    **Note:** LPZ Conveyors are not reversible

**Chart 23**

90°

- SEW SA47 Gearmotor
- Center mount packages only
- 230 / 460 V 3 Phase
- VFD Compatible with constant torque from 10 to 60 Hz
- Sealed gear head, totally enclosed fan cooled motor
- Belt speeds available = 22 to 319 ft/min



Part Number	RPM*	Gearmotor Type	Hp	kW	FLA	in-lbs	Nm	Vari-Speed Control Chart
32M128WH423EN*	13	W	0.33	0.25	1.14 / 0.57	991	112.0	D or E
32M044WH423EN*	38	W	0.75	0.56	2.50 / 1.25	973	109.9	D or E
32M016WH423EN*	106	W	1.50	1.12	4.50 / 2.25	787	88.9	D
32M008WH423EN*	201	W	2.00	1.49	5.70 / 2.85	575	65.0	D

\* 20 day lead time required

**FLA** = Full Load Amperes

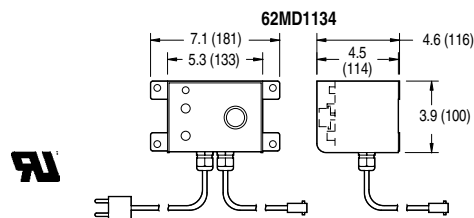
Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

# 5200 & 5300 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
- Speed potentiometer
- Mounting hardware

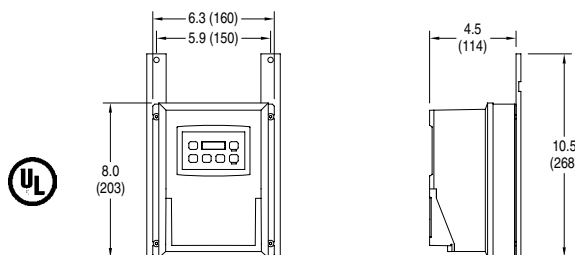


Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Max Amps*
62MD1134	115	1	60	130VDC	3.2

### Chart B



- VFD control
- IP 65 enclosure
- EMC filter
- Variable speed
- Mounting hardware
- Line cord and motor cord

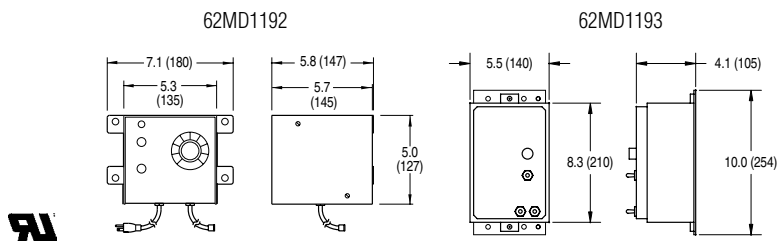


\* = See FLA from motor charts

Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Output Phase	Max Kw*	Max Amps
62UV2121	230	1	50	230	3	0.75	4.2
62UV4341	400	3	50	400	3	0.75	2.1
62UV2127	230	1	50	230	3	1.50	6.8
62UV4347	400	3	50	400	3	1.50	3.4

### Chart C

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



\* = See FLA from motor charts

Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Max Amps*
62MD1192	115	1	60	90VDC	5.0
62MD1193	115	1	60	90VDC	7.5

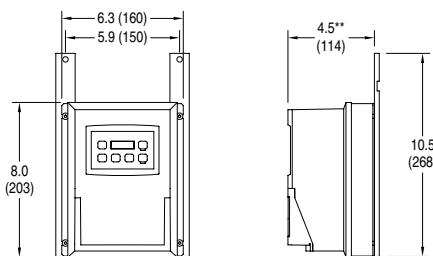
Note: Dimensions = in (mm)

# 5200 & 5300 SERIES: VARIABLE SPEED CONTROLLERS

## VARIABLE SPEED CONTROLLERS

**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

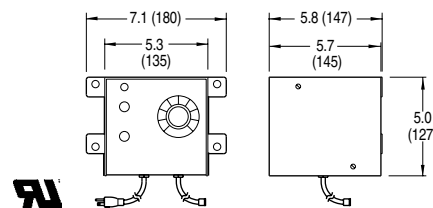


\*\* For VFD 32MV2127 and 32MV2327 the width dimension is 6.4 (163).

Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Output Phase	Max Hp	Output Amps*	A Width	B Depth
32MV1122	115	1	60	230	3	0.5	2.2	6.1 (155)	3.8 (96)
32MV2122	230	1	60	230	3	0.5	2.2	6.1 (155)	3.8 (96)
32MV1121	115	1	60	230	3	1.0	4.0	6.1 (155)	4.4 (112)
32MV2121	230	1	60	230	3	1.0	4.0	6.1 (155)	4.4 (112)
32MV2127	230	1	60	230	3	2.0	6.8	6.1 (155)	5.3 (134)
32MV2322	230	3	60	230	3	0.5	2.2	4.7 (119)	3.8 (96)
32MV2327	230	3	60	230	3	2.0	6.8	6.1 (155)	5.3 (134)
32MV4341	460	3	60	460	3	1.0	2.0	4.7 (119)	3.8 (96)
32MV4347	460	3	60	460	3	2.0	3.4	6.1 (155)	4.4 (112)

**Chart E**

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



\* = See FLA from motor charts

Part Number	Input Volts	Input Phase	Input Hz	Output Volts	Output Phase	Max Hp	Max Amps*
62MV1122B	115	1	60	230	3	0.5	2.4

Note: Dimensions = in (mm)

# 5200 & 5300 SERIES: MANUAL MOTOR STARTERS

## 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

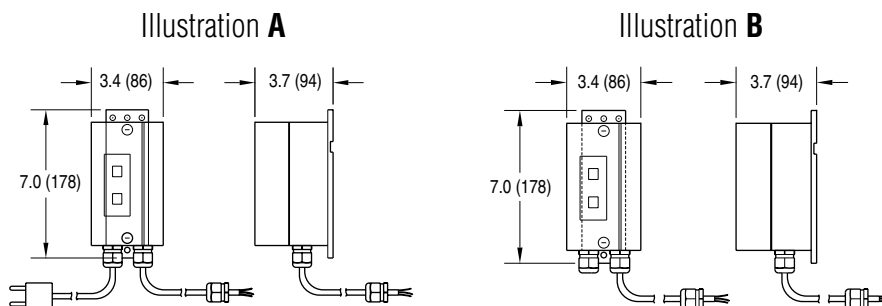


Chart I		CE		
<ul style="list-style-type: none"> <li>• 230V, 1 phase includes cord, plug and starter</li> <li>• 230/400 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 50 Hz</li> </ul>				
Part Number	In Volts	In Phase	Amp 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

Chart J		CE		
<ul style="list-style-type: none"> <li>• 230V, 1 phase includes cord, plug and starter</li> <li>• 230/400 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 50 Hz</li> </ul>				
Part Number	In Volts	In Phase	Amp Range	Illustration
62(c)M21J	230	1	2.5 - 4.0	A
62(c)M23J	230	3	1.6 - 2.5	B
62(c)M43J	400	3	1.0 - 1.6	B

Chart K		CE		
<ul style="list-style-type: none"> <li>• 230/400 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 50 Hz</li> </ul>				
Part Number	In Volts	In Phase	Amp Range	Illustration
62(c)M23K	230	3	4.0 - 6.3	B
62(c)M43K	400	3	2.5 - 4.0	B

Chart L				
<ul style="list-style-type: none"> <li>• 230/460 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 60 Hz</li> </ul>				
Part Number	In Volts	In Phase	Amp Range	Illustration
62MM23L	230	3	1.0 - 1.6	B
62MM43L	460	3	0.4 - .63	B

Chart M				
<ul style="list-style-type: none"> <li>• 230/460 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 60 Hz</li> </ul>				
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

Chart P				
<ul style="list-style-type: none"> <li>• 230/460 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 60 Hz</li> </ul>				
Part Number	In Volts	In Phase	Amp Range	Illustration
62MM23U	208 - 230	3	2.5 - 4.0	B
62MM43P	460	3	1.6 - 2.5	B

Chart Q				
<ul style="list-style-type: none"> <li>• 230/460 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 60 Hz</li> </ul>				
Part Number	In Volts	In Phase	Amp Range	Illustration
62MM23Q	208 - 230	3	4.0 - 6.3	B
62MM43Q	460	3	2.5 - 4.0	B

Chart R		CE		
<ul style="list-style-type: none"> <li>• 230/400 Volts, 3 phase wiring to starter by others</li> <li>• Wiring between motor and starter provided when ordered together</li> <li>• 50 Hz</li> </ul>				
Part Number	In Volts	In Phase	Amp Range	Illustration
62(c)M23R	230	3	2.5 - 4.0	B
62(c)M43R	400	3	1.0 - 1.6	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

# 5200 & 5300 SERIES: SUPPORT STANDS

## FIXED HEIGHT SUPPORT STANDS

### Fixed Foot Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments <b>up to...</b>	60" (1,524mm)
Part # Reference	12	in 02 increments <b>up to...</b>	60
Stand Height (HH)*	21-25" (533 - 635mm)	in 1" (25mm) increments <b>up to...</b>	95-99" (2,413 - 2,515mm)
Part # Reference	2125	in 0101 increments <b>up to...</b>	9599

### Swivel Locking Caster Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments <b>up to...</b>	48" (1,219mm)
Part # Reference	12	in 02 increments <b>up to...</b>	48
Stand Height (HH)*	26-30" (660 - 762mm)	in 1" (25mm) increments <b>up to...</b>	74-78" (2,413 - 2,515mm)
Part # Reference	2630	in 0101 increments <b>up to...</b>	7478

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

\* Dependent on stand width, stands over 42" (1,067 mm) may include outriggers (image on page 188)



## ADJUSTABLE HEIGHT SUPPORT STANDS

### Fixed Foot Model

Stand Width (WW)	12" (305mm)		2" (51mm) increments <b>up to...</b>				60" (1,524mm)				
Part # Reference	12		in 02 increments <b>up to...</b>				60				
Stand Height (HH)	18-19" (457-483)	19-21" (483-533)	20-23" (508-584)	22-27" (559-686)	25-32" (635-813)	30-42" (762-1067)	36-54** (914-1,372)	48-66** (1,219-1,676)	60-78** (1,524-1,981)	72-90** (1,829-2,286)	81-99** (2,057-2,515)
Part # Reference	1819	1921	2023	2227	2532	3042	3654	4866	6078	7290	8199

### Swivel Locking Caster Model

Stand Width (WW)	12" (305mm)		2" (51mm) increments <b>up to...</b>				60" (1,524mm)				
Part # Reference	12		in 02 increments <b>up to...</b>				60				
Stand Height (HH)	23-24" (584-610)	24-26" (610-660)	25-28" (635-711)	27-32" (686-813)	30-37" (762-940)	35-47" (889-1,194)	41-59" (1,041-1,499)	53-71** (1,346-1,803)	65-83** (1,651-2,108)		
Part # Reference	2324	2426	2528	2732	3037	3547	4159	5371	6583		

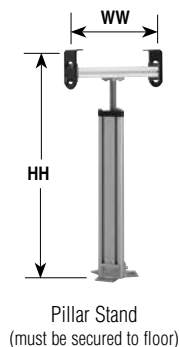
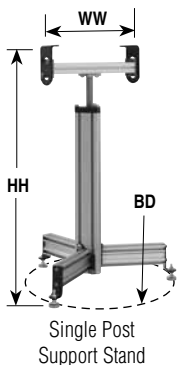
- Metric fasteners

\* Dependent on stand width, stands over 42" (1,067 mm) may include outriggers (image on page 188)



Full width is top plate on 12" wide stands only

## SINGLE POST & PILLAR SUPPORT STANDS



### Standard Sizes

Stand Width (WW)	8" (203)	10" (254)	12" (305)	14" (356)	16" (406)	18" (457)
Part # Reference	08	10	12	14	16	18
Stand Height (HH)*	22-32" (559-813)	30-40" (762-1,016)	38-48" (965-1,219)	46-56" (1,168-1,422)	54-64" (1,372-1,626)	
Part # Reference	2232	3040	3848	4656	5464	
Base Diameter (BD)	24" (610)	27" (686)	30" (762)	33" (838)	36" (915)	

- Casters do not change overall height
- Metric fasteners

Note: Dimensions = in (mm)

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 195

# 5200 & 5300 SERIES: SUPPORT STANDS

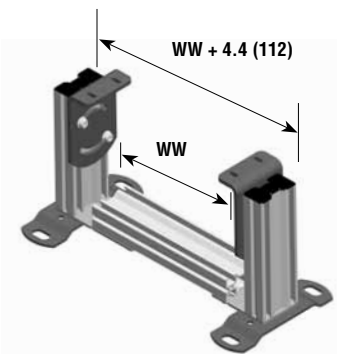
## SHORT SUPPORT STANDS

### Fixed Foot Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...			60" (1,524mm)		
Part # Reference	12	in 02 increments up to...			60		
Stand Height (HH)*	12-14" (305-356mm)	13-15" (330-381mm)	14-16" (356-406mm)	15-17" (381-432mm)	16-18" (406-457mm)	17-19" (432-483mm)	18-20" (457-508mm)
Part # Reference	1214	1315	1416	1517	1618	1719	1820

### Swivel Locking Caster Model

Stand Width (WW)	12" (305mm)	2" (51mm) increments up to...			60" (1,524mm)		
Part # Reference	12	in 02 increments up to...			60		
Stand Height (HH)*	17-19" (432-483mm)	18-20" (457-508mm)	19-21" (483-533mm)	20-22" (508-559mm)	21-23" (533-584mm)	22-24" (559-610mm)	23-25" (584-635mm)
Part # Reference	1719	1820	1921	2022	2123	2224	2325



Full width is top plate on 10" wide stands only

## FULLY ADJUSTABLE SUPPORT STANDS

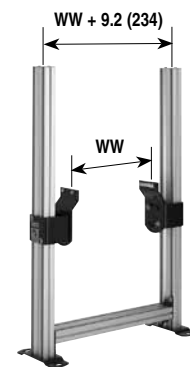
### Fixed Foot Model

Stand Width (WW)	8" (203)	2" (51mm) increments up to...			60" (1,524)
Part # Reference	08	in 02 increments up to...			60
Top of Belt Range	7-19" (178-483)	15-34" (381-864)	15-46" (381-1,168)	15-58" (381-1,473)	15-70" (381-1,778)
Stand Height Reference	0719	1534	1546	1558	1570

### Swivel Locking Caster Model

Stand Width (WW)	8" (203)	2" (51mm) increments up to...			60" (1,524)
Part # Reference	08	in 02 increments up to...			60
Top of Belt Range	12-19" (305-483)	20-34" (508-864)	20-46" (508-1,168)	20-58" (508-1,473)	20-70" (508-1,778)
Stand Height Reference	1219	2034	2046	2058	2070

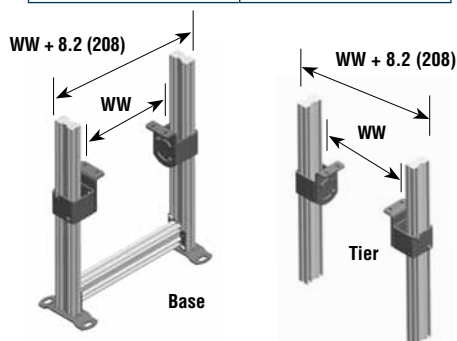
- Metric fasteners



## 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 195



# 5200 & 5300 SERIES: SUPPORT STANDS

## QUICK ADJUST STANDS

### Fixed Foot Model

Stand Width (WW)*	6" (305mm)	2" (51mm) increments up to...	36" (914mm)
Part # Reference	06	in 02 increments up to...	36
Stand Height (HH)*	24" - 30" (610 - 762mm)	in 1" (25mm) increments up to...	66" - 72" (1,676 - 1,829mm)
Part # Reference	2430	in 0101 increments up to...	6672

### Swivel Locking Caster Model

Stand Width (WW)*	12" (305mm)	2" (51mm) increments up to...	36" (914mm)
Part # Reference	12	in 02 increments up to...	36
Stand Height (HH)*	27" - 33" (686 - 838mm)	in 1" (25mm) increments up to...	60" - 66" (1,524 - 1,676mm)
Part # Reference	2733	in 0101 increments up to...	6066

\* Under 12" wide use full top plate option

- Metric fasteners
- +/- 3" (76 mm) Height Adjustment
- Allows for Quick Height Adjustment
- Tool-less locking and adjustable handles



Fixed Foot Model

Swivel Locking Caster Model

## A-FRAME STANDS

### Fixed Foot Model

Stand Width (WW)	6" (44mm)	2" (51mm) increments up to...	36" (610mm)
Part # Reference	06	in 02 increments up to...	36
Top of Belt Height (HH)*	14" - 18" (356 - 457mm)	in 1" (25mm) increments up to...	56" - 60" (1,422 - 1,524mm)
Part # Reference	1418	in 0101 increments up to...	5660

### Swivel Locking Caster Model

Stand Width (WW)	6" (44mm)	2" (51mm) increments up to...	24" (610mm)
Part # Reference	06	in 02 increments up to...	24
Top of Belt Height (HH)*	18" - 20" (457 - 508mm)	in 1" (25mm) increments up to...	58" - 60" (1,473 - 1,524mm)
Part # Reference	1820	in 0101 increments up to...	5860

\* From floor to top of belt

- Metric fasteners
- +/- 2" (51 mm) Height Adjustment for Fixed Foot model
- +/- 1" (25 mm) Height Adjustment for Swivel Locking Caster model
- One (1) SmartSlot® per side



Fixed Foot Model

Swivel Locking Caster Model

Note: Dimensions = in (mm)

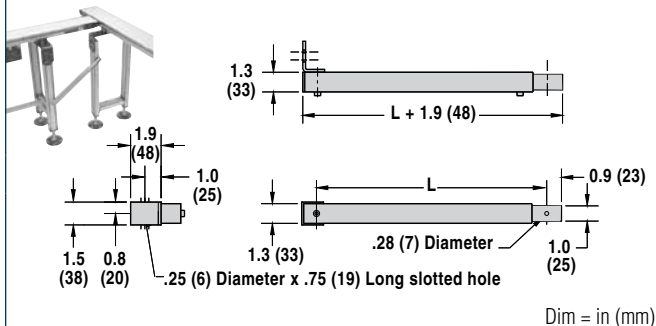
**Note:** Due to the wide variety of conveyor and stand options along with possible configurations, stability of the final setup is the responsibility of the end user.

**For ordering information, see page 195**

# 5200 & 5300 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)

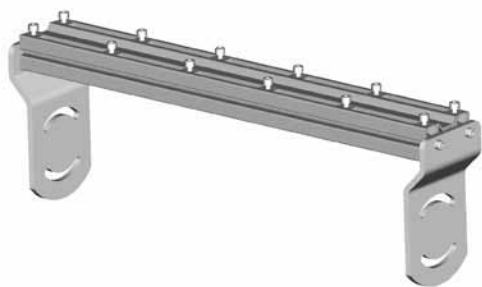
### Diagonal Bracing



- 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" (1829 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
5200 Series	5300 Series	
39MB-TS	39MB-FS	for two-legged H style stands up to 30" tall (762 mm)
39MB-TT	39MB-FT	for two-legged H style stands over 30" tall (762 mm)
39MB-PT	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

5200 SERIES: COMMON MOUNT KIT	
39MCM WW - #	
WW	Number of Conveyors
#	Width Stand
<b>Example: 39MCM-244</b>	

### Tall Support Stands

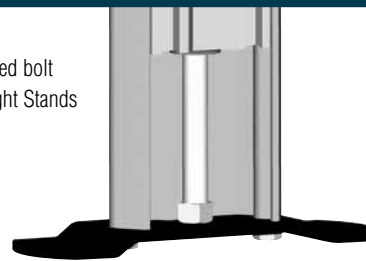


Tall Stands are the Fixed Height and Adjustable Height Stands as shown with additional outrigger support for added stability. These outriggers are required when the height of the stand exceeds 3.5x its width, and they add 16" to stand width. Tall stands over 6' tall include diagonal bracing.

**Outriggers**

### Fine Adjustment Kit

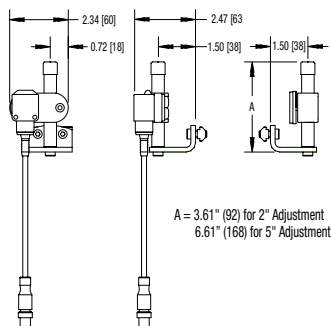
- Provides fine height adjustment via a threaded bolt
- For use with Fixed Height Stands



Part # 710028

**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.

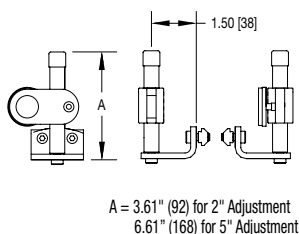
## PHOTO EYE KITS



- 24V DC Retro Reflective Sensor
- Quick disconnect plug
- Includes reflector and mounting
- Fully adjustable mount for 2200/3200/5200 Series conveyors
- 2" and 5" adjustment height ranges

Part Number	Description
75M-PE-1	2" height adjustment
75M-PE-2	5" height adjustment

## PHOTO EYE BRACKET KITS



- Standard mounting for 18mm barrel/nose mount photo-eyes
- Reflective version includes reflector
- Through beam mount version
- Fully adjustable mount for 2200/3200/5200 Series conveyors
- 2" and 5" adjustment height ranges

Part Number	Photo Eye Mount Type	Adjustment Height
75M-PM-1	Reflective	2"
75M-PM-2	Reflective	5"
75M-PM-3	Through Beam	2"
75M-PM-4	Through Beam	5"
75M-PM-5	Convergence	2"
75M-PM-6	Convergence	5"

## ELECTRICAL CONDUIT MOUNTS



- Includes mount and hardware
- Mounts to QWIK Slot®, no T-nut required
- Package of 10 pieces
- 5200 Series only

Part Number	Description
350001	Conduit Mount, 1/2" EMT, Package of 10
350002	Conduit Mount, 1" EMT, Package of 10

## LOW VOLTAGE WIRE MOUNTS AND TIES



- Includes mount, hardware and tie wrap
- Mounts to QWIK Slot®, no T-nut required
- Package of 10 pieces
- 5200 Series only

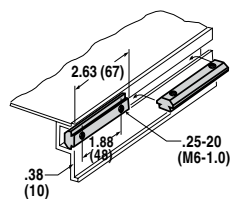
Part Number	Description
350000	Wire Tie Kit, Package of 10

Note: Dimensions = in (mm)



## 5200 SERIES HARDWARE ACCESSORIES

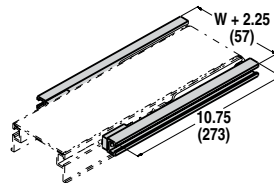
### T-Bars



- Mounts in T-slots to attach heavy accessories
- 2.63" (67 mm) long 2 hole model, 0.75" (19mm) 1 hole model

Part Number	Description
639971	1 hole T-bar, 0.25 - 20
639971M	1 hole T-bar, M6 - 1.0
300150	2 hole T-bar, 0.25 - 20
300150M	2 hole T-bar, M6 - 1.0

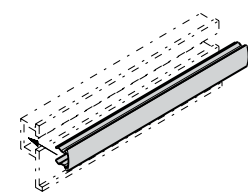
### T-Slot Extenders



- Provides additional T-slots to the end of conveyor
- Includes mounting brackets and hardware
- Metric fasteners

Part Number	Description
307000M	T-Slot Extender, Pair

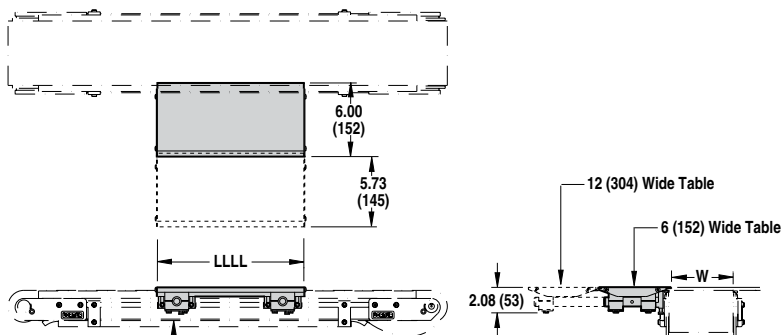
### T-Slot Cover



- Snaps into conveyor and aluminum stand T-slots
- Black plastic extrusion
- Can be trimmed to fit

Part Number	Description
645656P	T-Slot Cover, Per 1' (305) of length

## 5200 SIDE TABLES



Supports can be positioned anywhere along table  
 LLLL = 1' to 99' (Maximum 8' length single piece)

### Specifications:

- Provides a 6" (152 mm) or 12" (305 mm) wide working surface
- Adjusts in/out and up/down (0.25" max above bedplate) for product transfer on/off conveyor belts
- Can be positioned anywhere along the conveyor
- Anodized aluminum work surface
- Max load: 5 lbs/ft (6 kg/m), use Adjustable Tie Brackets for added capacity
- Available in 1' (305 mm) increments from 1' (305 mm) to 99' (30,175 mm)
- Compatible with 2200, 3200, 5200 and 5300 Series Conveyors

### 5200 SERIES: SIDE TABLES

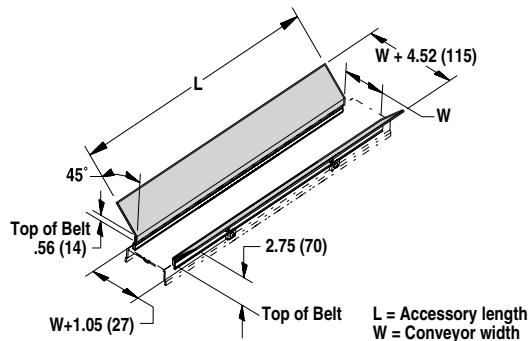
27M TTT - 06 LLLL	
	Table Length: 0200 to 9900 (ex. 0250 = 2.5')
	Table Width: 06 = 6" 12 = 12"
	Conveyor / Table Type:
	601 = 5200, one side    602 = 5200, two sides
<b>Example:</b> 27M601-060250	

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.

# 5200 & 5300 SERIES: ACCESSORIES

## SIDE GUIDES

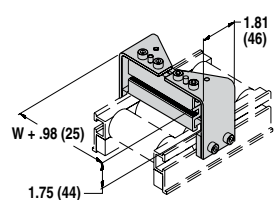


- Guides parts onto conveyor belt surface
- Includes metric mounting hardware
- 5200 Series only

Part Number	Description
280802M	2' (610 mm) Flared Side
280803M	3' (914 mm) Flared Side
280804M	4' (1,219 mm) Flared Side
280805M	5' (1,524 mm) Flared Side
280806M	6' (1,829 mm) Flared Side

## STOPS

### Adjustable Stop\*



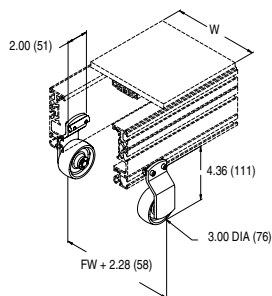
- Slides up and down T-slot length
- Includes mounting hardware

5200 Series Part Number	5300 Series Part Number	Description
352068-WW	352089-WW	Adjustable Stop for Straight
352069-WW	352090-WW	Adjustable Stop for Curve

WW = Conveyor Width Reference \* Not compatible with high friction belts

## BRACKETS

### Frame Mount Casters

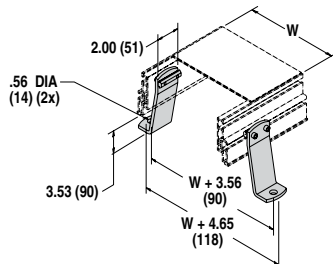


- Includes mounting hardware

Part Number	Description
390207	Frame mount casters, pair

**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.

### Floor Mount Brackets



- Includes mounting hardware

Part Number	Description
390217	Floor mount brackets, pair

WW = Conveyor Width Reference

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.

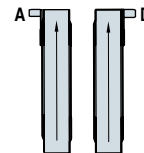
# 5200 & 5300 SERIES: PART NUMBER REFERENCE

## 5200 SERIES: STRAIGHT FLAT PLASTIC CHAIN

52 M WW LLL D I S PP BB

- Belt Material: MN, MP, etc.
- Profile: 01 = Lowside      13 = Fully Adjustable  
04 = 3" High side      14 = Tool-less Fully Adjustable  
05 = 1.50" High side      15 = Twin Rail Adjustable
- Motor Shaft Position: A or D
- Idler End: 1 = Standard, 2 = Nose Bar
- Drive / Pulley Type: 1 = Standard, 2 = Nose Bar
- Length: 036-999
- Belt Width: 06-60
- Language: M = English

### Drive Shaft Position



**Example:** 52M2412011A01MN

**Description:** 5200 Series straight flat belt conveyor 24" (610mm) nominal width x 10' (3048mm) long with standard drive tail in position A, standard infeed tail, type 01 low side profile and type MN flat (closed) top acetal plastic chain. Note: Usable chain width is 23.63" (600mm).

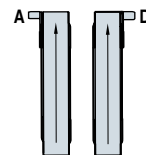
\*Nose Bar drive conveyors have a minimum conveyor length of 48"

## 5200 SERIES: STRAIGHT CLEATED PLASTIC CHAIN

52 M WW LLL A PP BB SS

- Cleat Spacing: 02 - 99 = Link Spacing
- Belt Material: NJ, NK, etc.
- Profile: 01 = Lowside      02 = 1" High side      03 = 3" High side
- Motor Shaft Position: A or D
- Length: 036-999
- Belt Width: 06-24
- Language: M = English

### Drive Shaft Position



**Example:** 52M12071A01NK04

**Description:** 5200 Series straight cleated conveyor, 12" (305mm) nominal width x 5'-11" (1803mm) long with type 01 low side profile. Plastic chain is type NK flat (closed) top polypropylene with 1" (25mm) tall cleats on 4" (102mm) centers. Depending upon belt width, each individual cleat may consist of multiple pieces. Note: Usable cleat width is 9.24" (235mm).

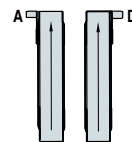
\*Nose Bar drive conveyors have a minimum conveyor length of 48"

## 5300 SERIES: STRAIGHT FLAT BELT CONVEYOR

53 F M WW LLL D I S PP PP BB

- Belt Material: MN, MP, etc.
- Profile D Side: 01 = Lowside      04 = 3" High side      05 = 1.5" High side  
13 = Fully Adjustable      14 = Tool-less Fully Adjustable
- Profile A Side: 01 = Lowside      13 = Fully Adjustable  
04 = 3" High side      14 = Tool-less Fully Adjustable  
05 = 1" High side
- Motor Shaft Position: A or D
- Idler End: 1 = Standard      3 = Standard - Output shaft A side  
2 = Nosebar      4 = Standard - Output shaft D side
- Drive / Pulley Type: 1 = Standard      2 = Nosebar      3 = Standard - Dual Output Shaft
- Length: 036-999
- Belt Width: 06-36
- Language: M = English      U = CE English

### Drive Shaft Position



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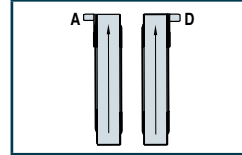
# 5200 & 5300 SERIES: PART NUMBER REFERENCE

## 5300 SERIES: STRAIGHT CLEATED BELT CONVEYOR

53F M WW LLL D A PP BB SS

- Cleated Spacing: 01 - 99 = Link Spacing
- Belt Material: NJ, NK, etc.
- Profile: 01 = Lowside 03 = 2.3" Cleated guide
- Motor Shaft Position: A or D
- Drive / Pulley Type: 1 = Standard 3 = Standard - Dual Output Shaft
- Length: 036-999
- Belt Width: 06-36
- Language: M = English U = CE English

### Drive Shaft Position



## 5300 SERIES: STRAIGHT INFEED / IDLER MODULE

53F1 M WW LLL X PP PP BB 1

- Sequence Number 1
- Belt Material: MN, MP, etc.
- Profile D Side: 01 = Lowside 05 = 1.5" High side 18 = Tool-less Fully Adjustable  
04 = 3" High side 17 = Fully Adjustable
- Profile A Side: 01 = Lowside 05 = 1.5" High side 18 = Tool-less Fully Adjustable  
04 = 3" High side 17 = Fully Adjustable
- Idler End: 1 = Standard 3 = Standard - Output shaft A side  
2 = Nosebar 4 = Standard - Output shaft D side
- Length: 036-999
- Belt Width: 04-36
- Language: M = English U = CE English

## 5300 SERIES: CURVE MODULE

53F2 M WW DDD PP PP BB D X

- Sequence Number: 1-9
- Direction of Turn: L = Left R = Right
- Belt Material: MT
- Profile D Side: 01 = Lowside 05 = 1.5" High side 18 = Tool-less Fully Adjustable  
04 = 3" High side 17 = Fully Adjustable
- Profile A Side: 01 = Lowside 05 = 1.5" High side 18 = Tool-less Fully Adjustable  
04 = 3" High side 17 = Fully Adjustable
- Degree of Turn: 045-180
- Belt Width: 04-36
- Language: M = English U = CE English

## 5300 SERIES: STRAIGHT INTERMEDIATE MODULE

53F3 M WW LLL PP PP BB X

- Sequence Number: 1-9
- Belt Material: MN, MP, etc.
- Profile D Side: 01 = Lowside 05 = 1.5" High side 18 = Tool-less Fully Adjustable  
04 = 3" High side 17 = Fully Adjustable
- Profile A Side: 01 = Lowside 05 = 1.5" High side 18 = Tool-less Fully Adjustable  
04 = 3" High side 17 = Fully Adjustable
- Length: 036-999
- Belt Width: 04-36
- Language: M = English U = CE English

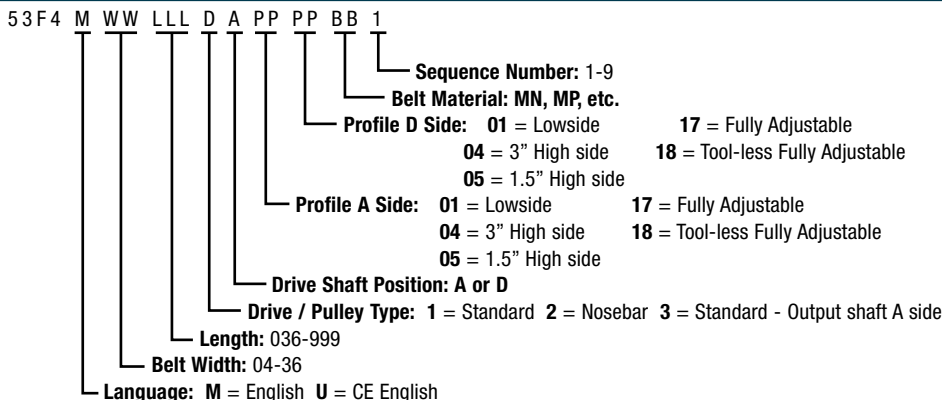
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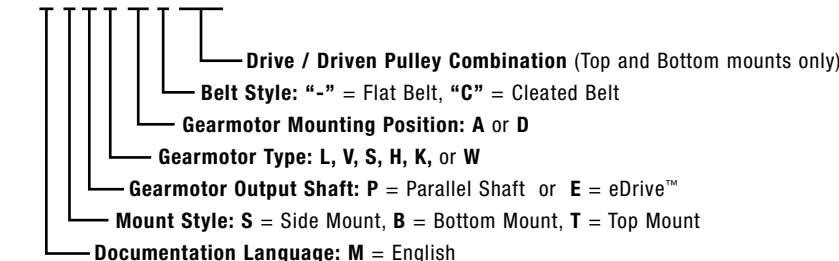
# 5200 & 5300 SERIES: PART NUMBER REFERENCE

## 5300 SERIES: STRAIGHT EXIT / DRIVE MODULE

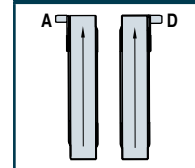


## 5200 & 5300 SERIES: MOUNTING PACKAGES

52 M B P S A - 1616



Drive Shaft Position

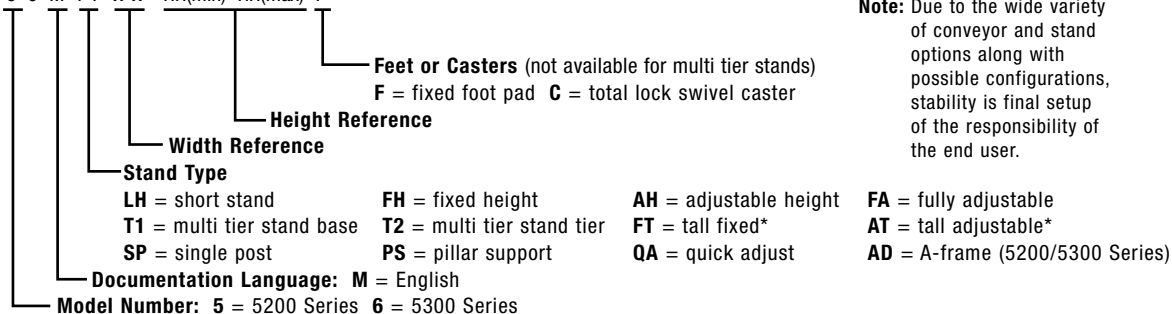


**Example:** 52MBPSA-1414

**Description:** Bottom mount package with English documentation. Configured for a parallel shaft, standard load motor in mount position A with a 14:14 drive / driven pulley combination.

## 5200 & 5300 SERIES: SUPPORT STANDS

5 9 M TT WW - HH(min) HH(max) F



**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:** 59MFH12-2A28F

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

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