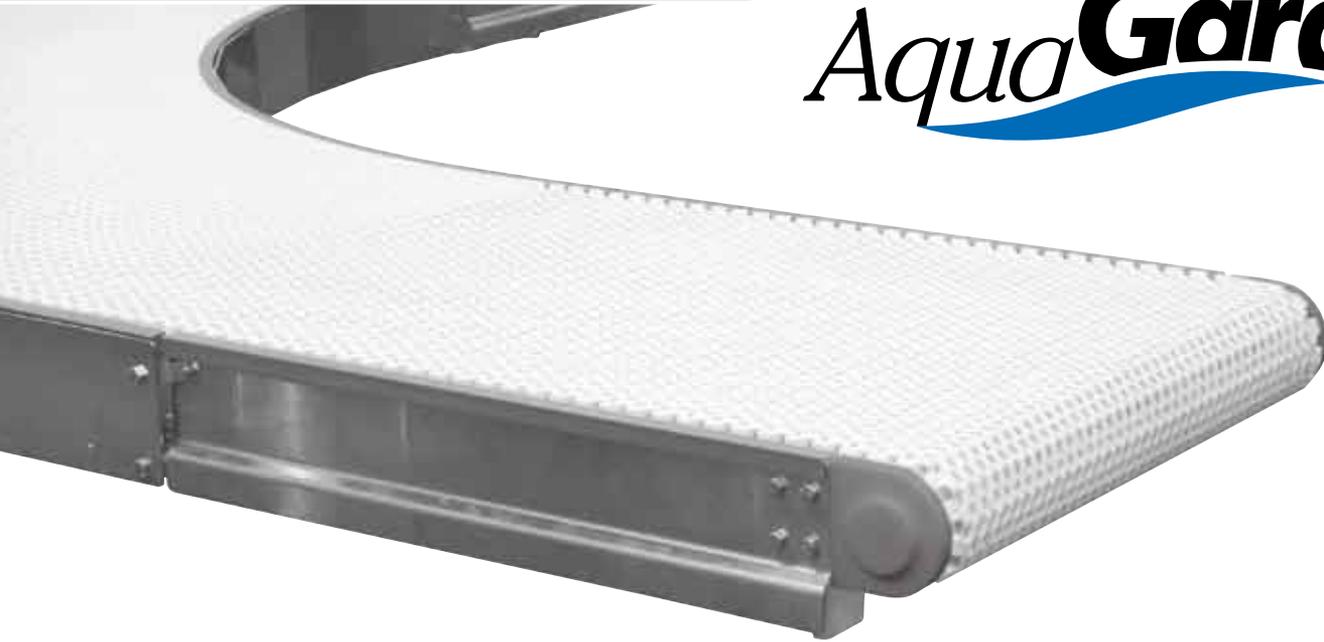


# AQUAGARD® SERIES

7350 SANITARY CONVEYORS  
STAINLESS STEEL

*Aqua***Gard**®



## General Specifications:

- Straight Modular Flat and Cleated Belt
- Curved Modular Flat Belt
- Straight Z-Frame Modular Flat and Cleated Belt
- Curved Z-Frame Modular Flat Belt
- Widths:
  - *Curves:* 4" (102 mm) to 36" (914 mm)
  - *Straights:* 4" (102 mm) to 36" (914 mm)
  - *Z-Frame Straights and Curves:* 6" (152 mm) to 24" (610 mm)
- Lengths: 36" (914 mm) to 83' (25,298 mm)
- Load Capacity:
  - *Straights and Z-Frame Straights:* up to 750 lbs (453 kg)
  - *Curves and Z-Frame Curves:* up to 500 lbs (226 kg)
- **CE** models available

## Applications:

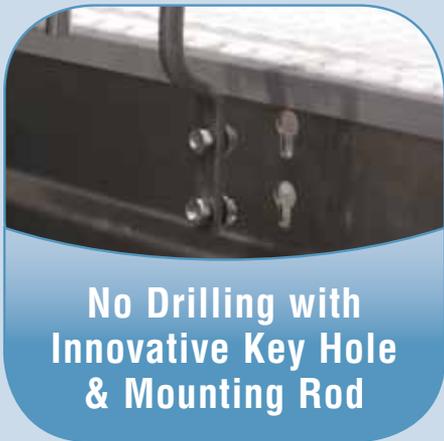
- Part Transfers
- Part Accumulation
- Mainline Packaging
- High Speed Long Runs
- Automated and Manual Assembly
- Part Incline / Decline Routing (Z-Frame)



Curves 45°, 90°,  
135° & 180°



TIG Welded Stainless  
Steel Solid UHMW  
Open Frame Design



No Drilling with  
Innovative Key Hole  
& Mounting Rod

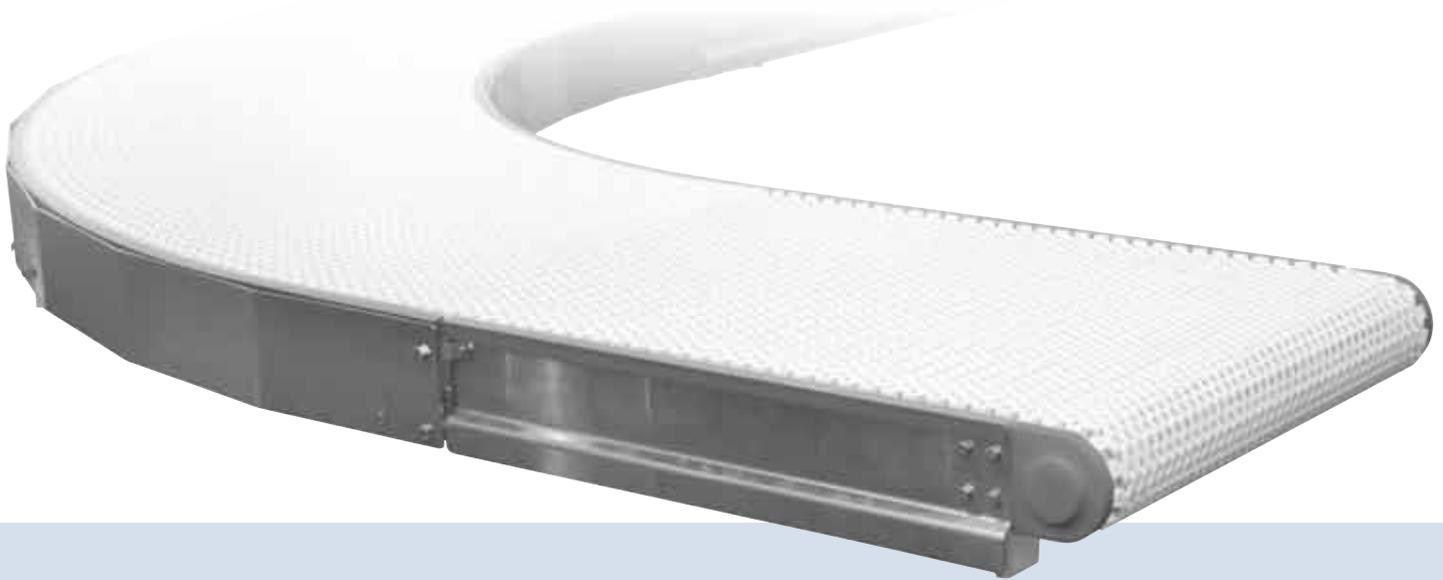
STANDARD FEATURE OVERVIEW	<b>222</b>
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**Improve your bottom line results with industry leading speeds, best in class product transfers, and ease of automation.**

Dorner's AquaGard is ready for your next product Move!



## Tailor Fit Accessories for Your Needs

Ease of Automation & Guiding



No Drilling with Innovative Key Hole & Mounting Rod



Low Voltage Wiring Accessories



Accessory Bar for Mounting Multiple Accessories



Fully Adjustable Single Rail



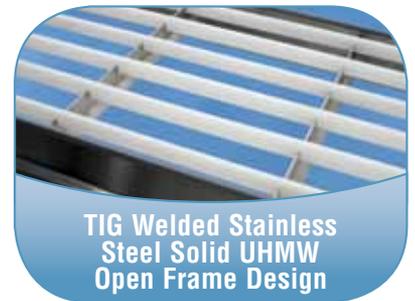
Fully Adjustable Twin Rail



High Side Guide

### Maximum Flexibility

- Straight, Curve and Z-Frame Modules
- 3 Product Transfers to Choose From
- No Drilling Required for Ease of Automation or Guiding
  - Attach controls, photo eyes, low voltage wire, & air tubing
  - Attach accessory bar for mounting several automation components
  - Attach any of standard guide packages to tailor fit conveyor



### Increase Throughput

- Speeds up to 260 feet per minute
- Available in Straights, Curves, and Z-Frames
- 1" Nose Bar Tails
- Powered Transfer



### Reduce Product Loss

- 1" Nose Bar Tails for small part transfer
- Powered Transfer for maintaining speeds through transfer
- Roller transfer plate for smooth product transfer in minimal added length



# AquaGard® 7350 SERIES: MODULAR FLAT & CLEATED BELT



## Specifications:

- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 4" (102 mm) to 36" (914 mm)
- Total lengths: 3' (914 mm) up to 83' (25,298 mm)
- Cleats available in 1" and 3" heights
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 stainless steel frame
- Hard chrome coated bearing with FDA H1 food grade grease
- FDA approved belting and plastic components
- CE models available

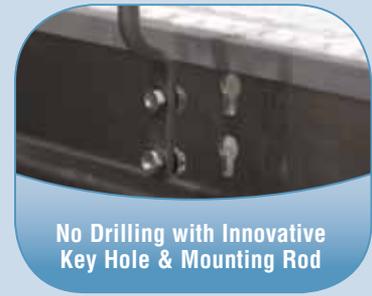


High Side Guides

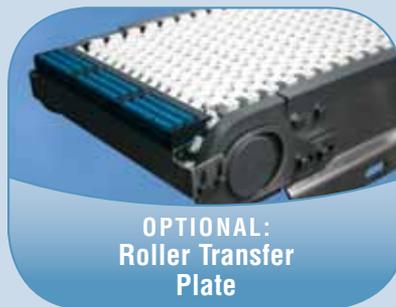
\* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

## Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



No Drilling with Innovative Key Hole & Mounting Rod



OPTIONAL:  
Roller Transfer  
Plate

For smooth product transfers in minimal added length.



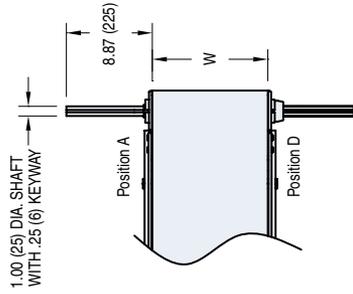
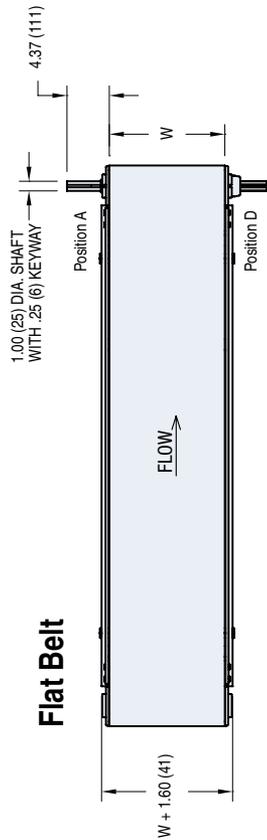
OPTIONAL:  
Powered  
Transfer

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 175 ft/min.

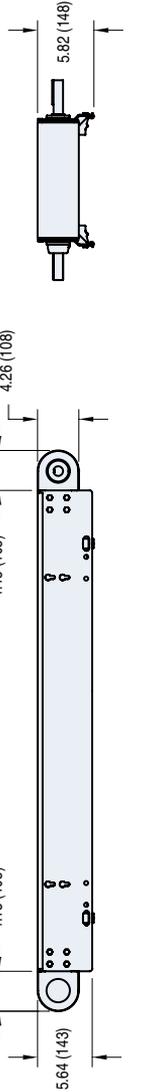
Order gearmotor mounting packages and gearmotors separately, see pages 237-246.  
For support stands and accessories, see pages 247-256.

For ordering information, see pages 257 and 258

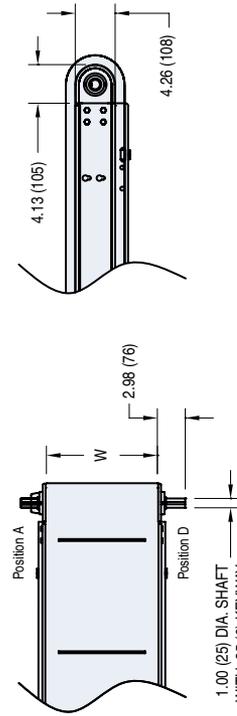
**Flat Belt**



**OPTIONAL LONG SHAFT FOR SIDE DRIVE**

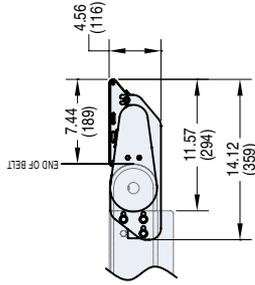


**Cleated Belt**

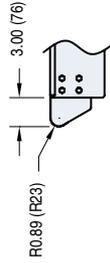


A = 6.82 (173) for 1" Cleats  
8.82 (224) for 3" Cleats

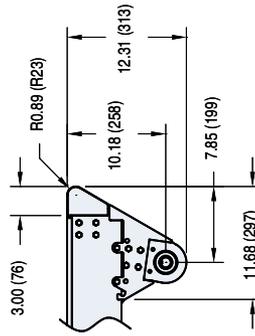
**W** = Conveyor Belt Width **Dim** = in (mm)



**OPTIONAL POWERED TRANSFER**  
(Flat Belt Only)



**OPTIONAL NOSE BARTAIL**  
(Flat Belt Only)



**OPTIONAL NOSE BAR DRIVE**  
(Flat Belt Only)



**OPTIONAL:  
Nose Bar Drive  
and Idler Pulley**

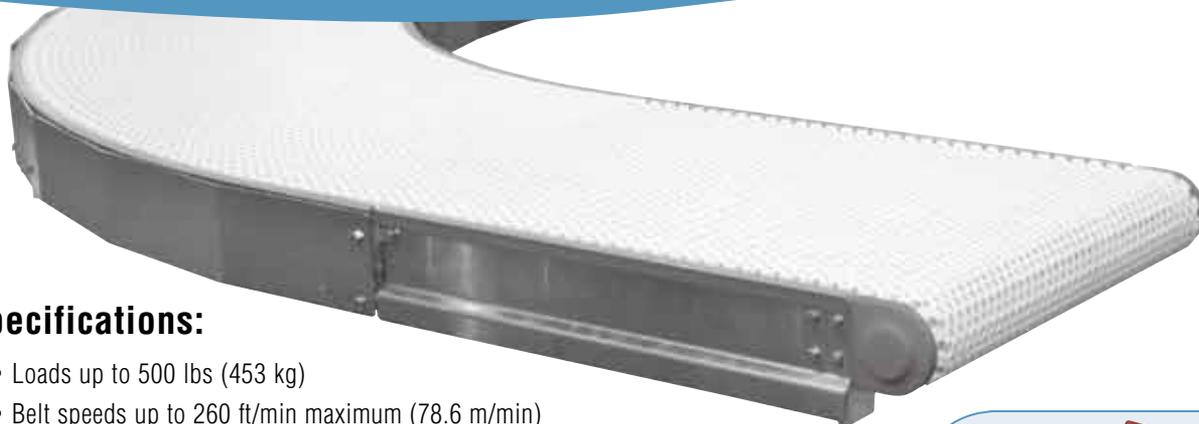
1" (25.4 mm) diameter for small parts transfer. Speeds up to 260 ft/min.

**STANDARD SIZES**

Conveyor Width Reference	04	02 increments up to...	36
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments up to...	36" (914mm)
Conveyor Length Reference	036	001 increments up to...	999
Conveyor Length (L)	36" (914mm)	1" (25mm) increments up to...	999" (25,375mm)

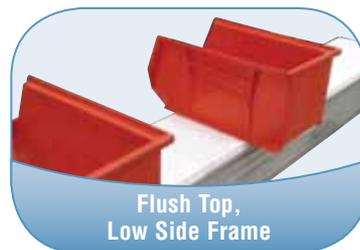
Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

# AquaGard® 7350 SERIES: CURVED MODULAR FLAT BELT



## Specifications:

- Loads up to 500 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 4" (102 mm) to 36" (914 mm)
- Total lengths up to 83' (25,298 mm)
- 45°, 90°, 135°, & 180° curves available
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 stainless steel frame
- Hard chrome coated bearing with FDA H1 food grade grease
- FDA approved belting and plastic components
- CE models available



Flush Top,  
Low Side Frame



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

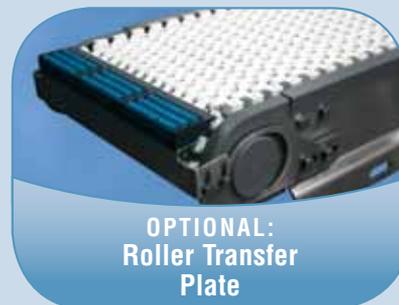
## Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



OPTIONAL:  
Powered  
Transfer

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 260 ft/min.



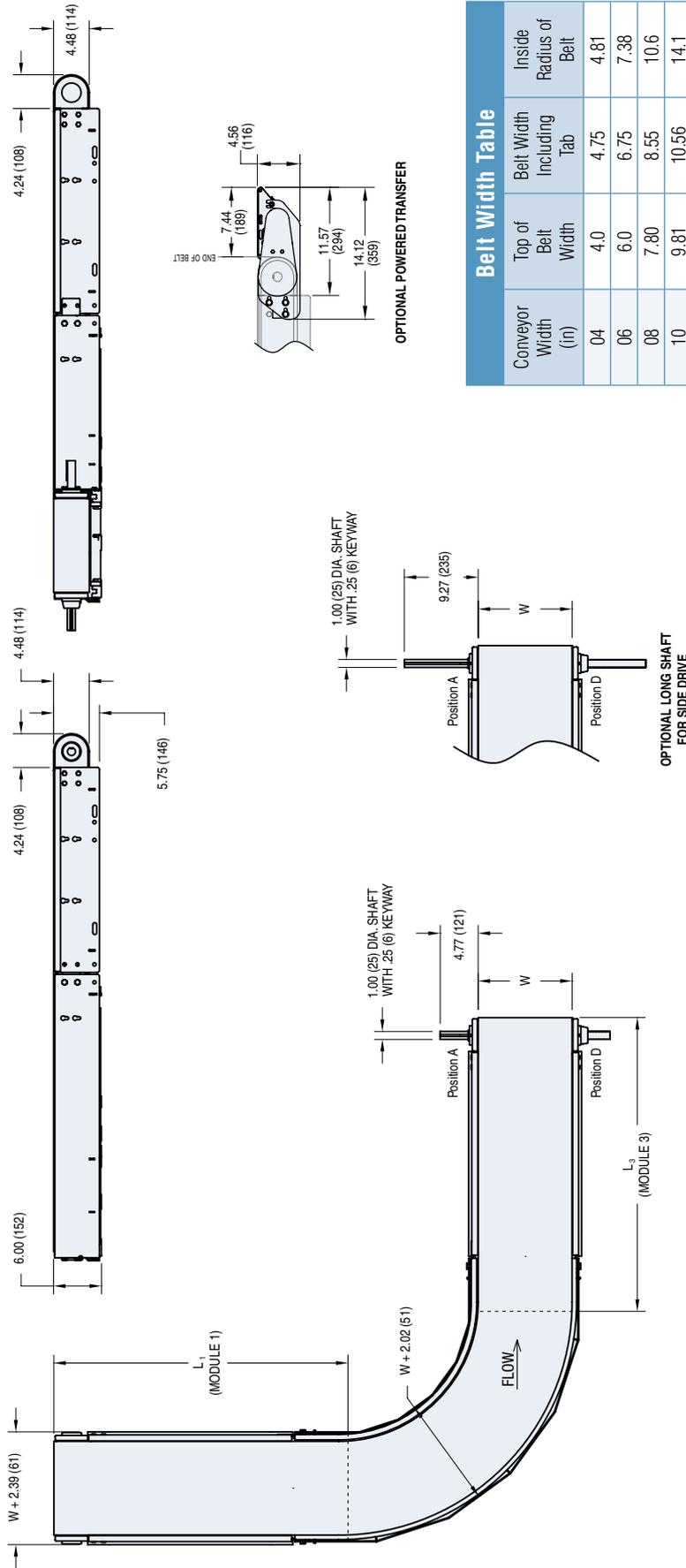
OPTIONAL:  
Roller Transfer  
Plate

For smooth product transfers in minimal added length.

Order gearmotor mounting packages and gearmotors separately, see pages 237-246.  
For support stands and accessories, see pages 247-256.

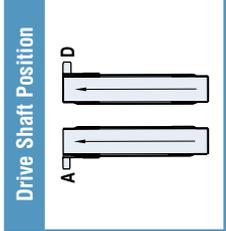
For ordering information, see page 259

**AQUAGARD® 7350 SERIES: CURVED MODULAR FLAT BELT**



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

Belt Width Table			
Conveyor Width (in)	Top of Belt Width	Belt Width Including Tab	Inside Radius of Belt
04	4.0	4.75	4.81
06	6.0	6.75	7.38
08	7.80	8.55	10.6
10	9.81	10.56	14.1
12	11.79	12.53	17.5
14	13.75	14.50	20.8
16	15.72	16.47	24.1
18	17.69	18.44	27.4
20	19.66	20.41	30.7
22	21.63	22.38	33.9
24	23.60	24.35	37.2
26	25.55	26.29	40.5
28	27.51	28.26	43.6
30	29.48	30.23	47.0
32	31.45	32.20	50.2
34	33.42	34.17	53.6
36	35.39	36.14	56.8

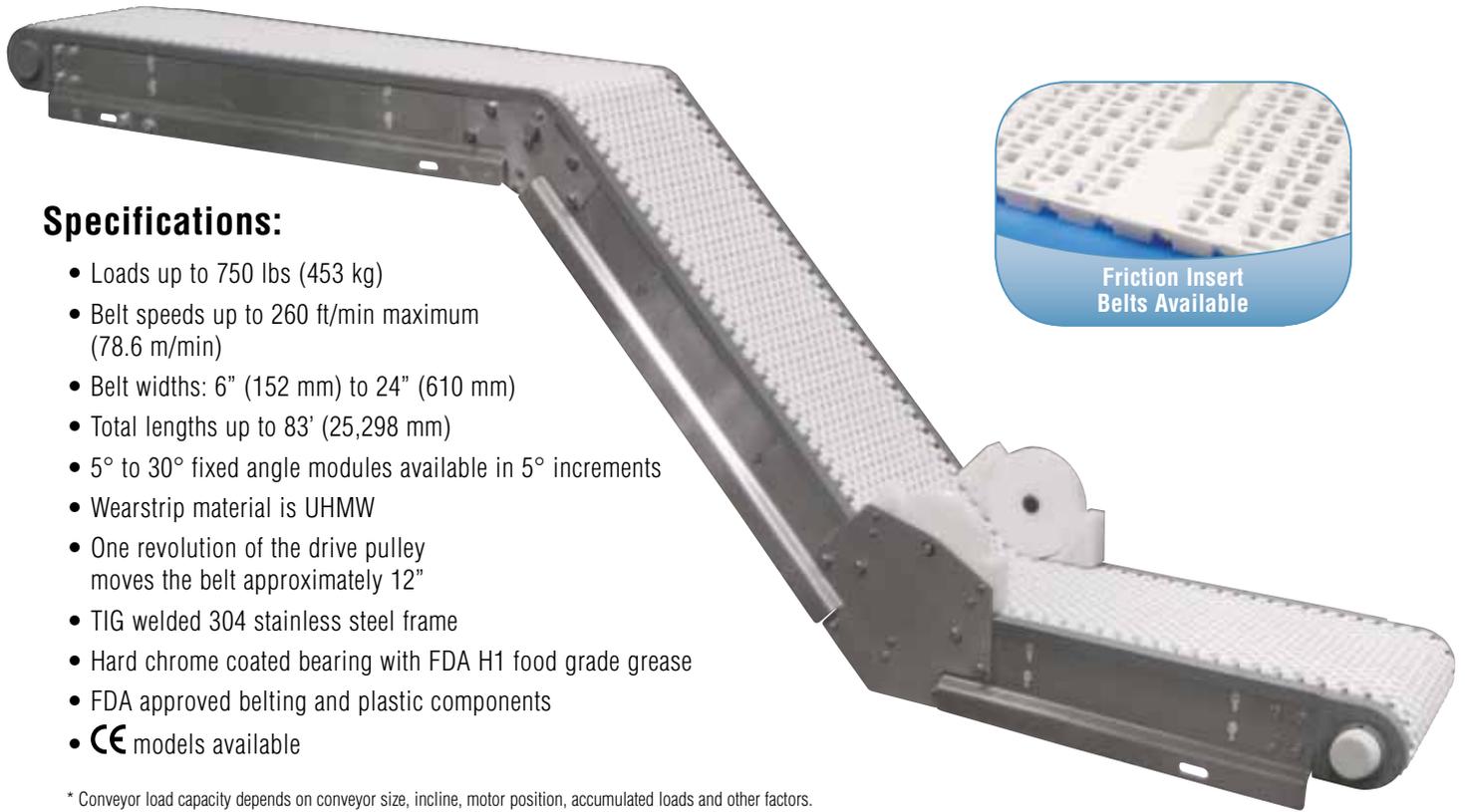


STANDARD SIZES		
Conveyor Width Reference	04	02 increments up to...
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments up to...
Conveyor Length Reference	036	001 increments up to...
Conveyor Length (L <sub>1</sub> )	Greater of 20" (508mm) or 1.5W	1" (25mm) increments up to...
Conveyor Length (L <sub>3</sub> )	Greater of 36" (914mm) or 2W	1" (25mm) increments up to...

Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

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.

# AquaGard® 7350 SERIES: Z-FRAME MODULAR FLAT BELT



## Specifications:

- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 83' (25,298 mm)
- 5° to 30° fixed angle modules available in 5° increments
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 stainless steel frame
- Hard chrome coated bearing with FDA H1 food grade grease
- FDA approved belting and plastic components
- CE models available

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



Friction Insert Belts Available

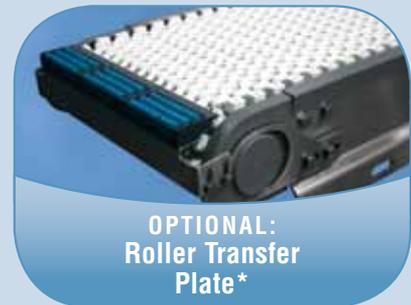
## Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



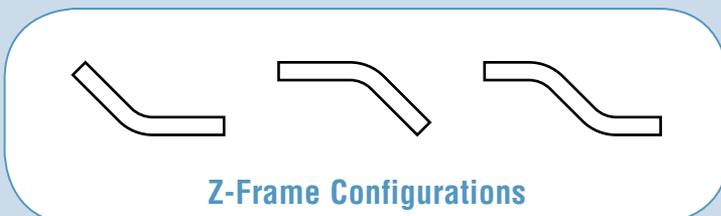
OPTIONAL:  
Powered Transfer\*

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 175 ft/min.



OPTIONAL:  
Roller Transfer Plate\*

For smooth product transfers in minimal added length.

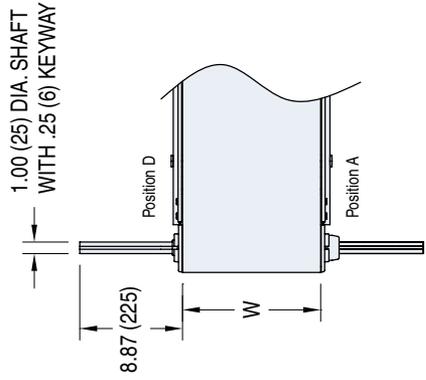


Z-Frame Configurations

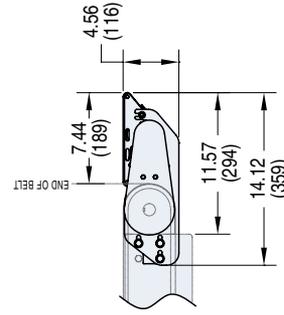
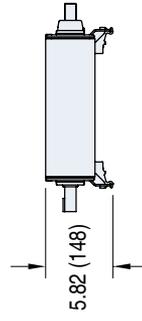
\* Powered Transfer and Roller Transfer Plate are not compatible with friction insert belting.

Order gearmotor mounting packages and gearmotors separately, see pages 237-246.

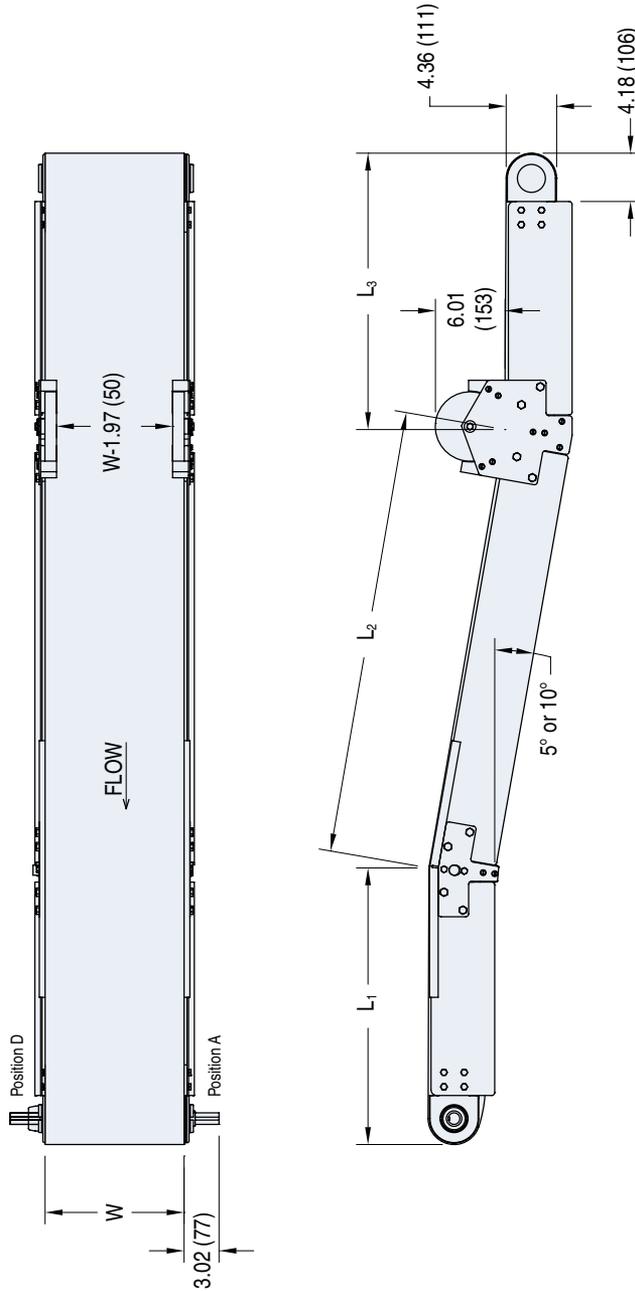
For support stands and accessories, see pages 247-256.



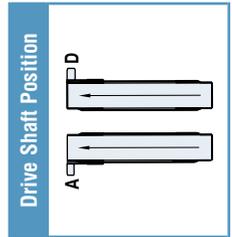
**OPTIONAL LONG SHAFT FOR SIDE DRIVE**



**OPTIONAL POWERED TRANSFER**



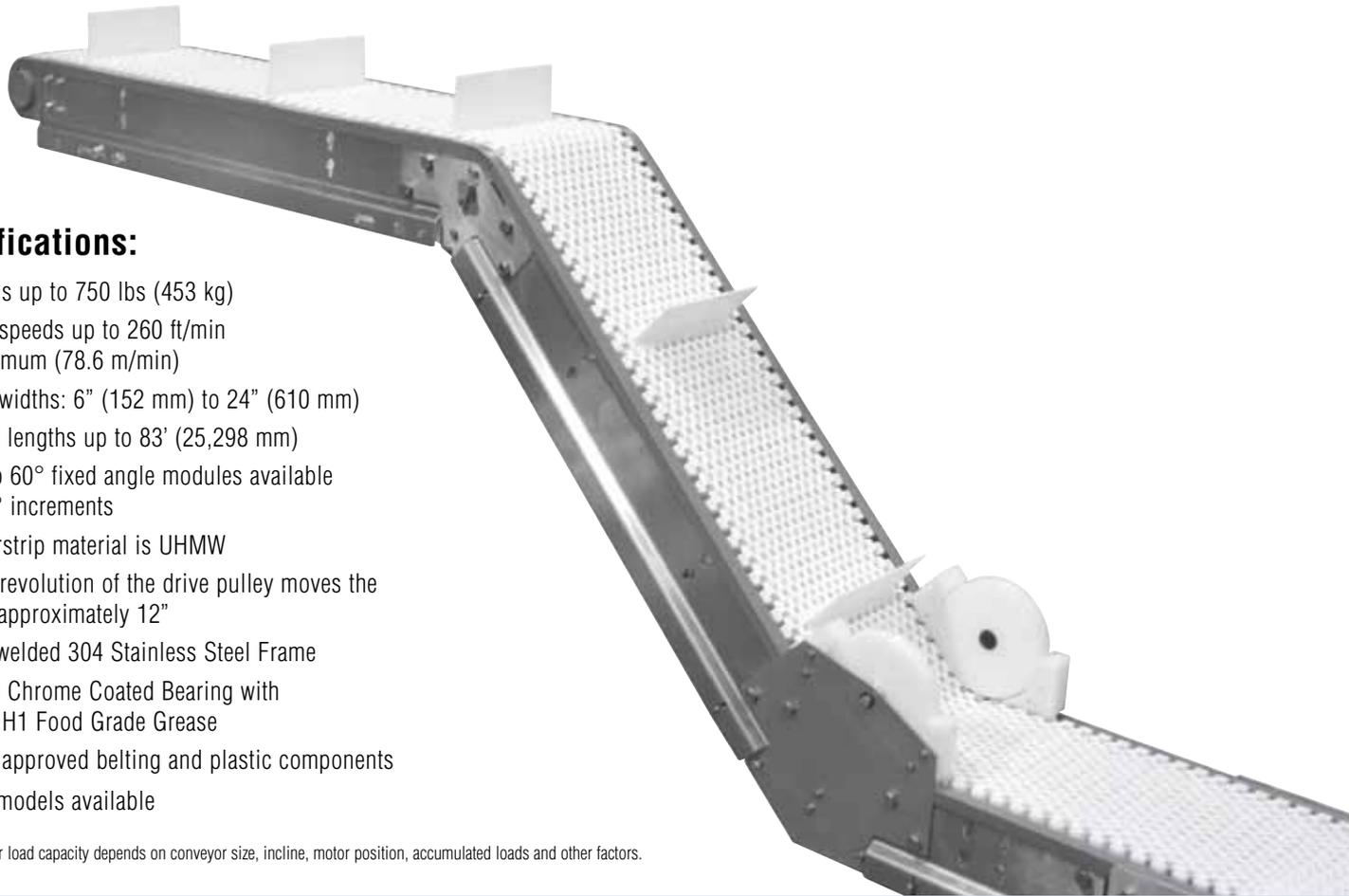
**W** = Conveyor Belt Width **Dim** = in (mm)



STANDARD SIZES			
Conveyor Width Reference	06	02 increments up to...	24
Conveyor Belt Width (W)	6" (152mm)	2" (51mm) increments up to...	24" (610mm)
Conveyor Length Reference	024	001 increments up to...	999
Conveyor Length (L <sub>1</sub> , L <sub>2</sub> , L <sub>3</sub> )	24" (610mm)	1" (25mm) increments up to...	999" (25,375mm)

Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

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.



## Specifications:

- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 83' (25,298 mm)
- 5° to 60° fixed angle modules available in 5° increments
- Wearstrip material is UHMW
- One revolution of the drive pulley moves the belt approximately 12"
- TIG welded 304 Stainless Steel Frame
- Hard Chrome Coated Bearing with FDA H1 Food Grade Grease
- FDA approved belting and plastic components
- CE models available

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

## Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



High Side Guides

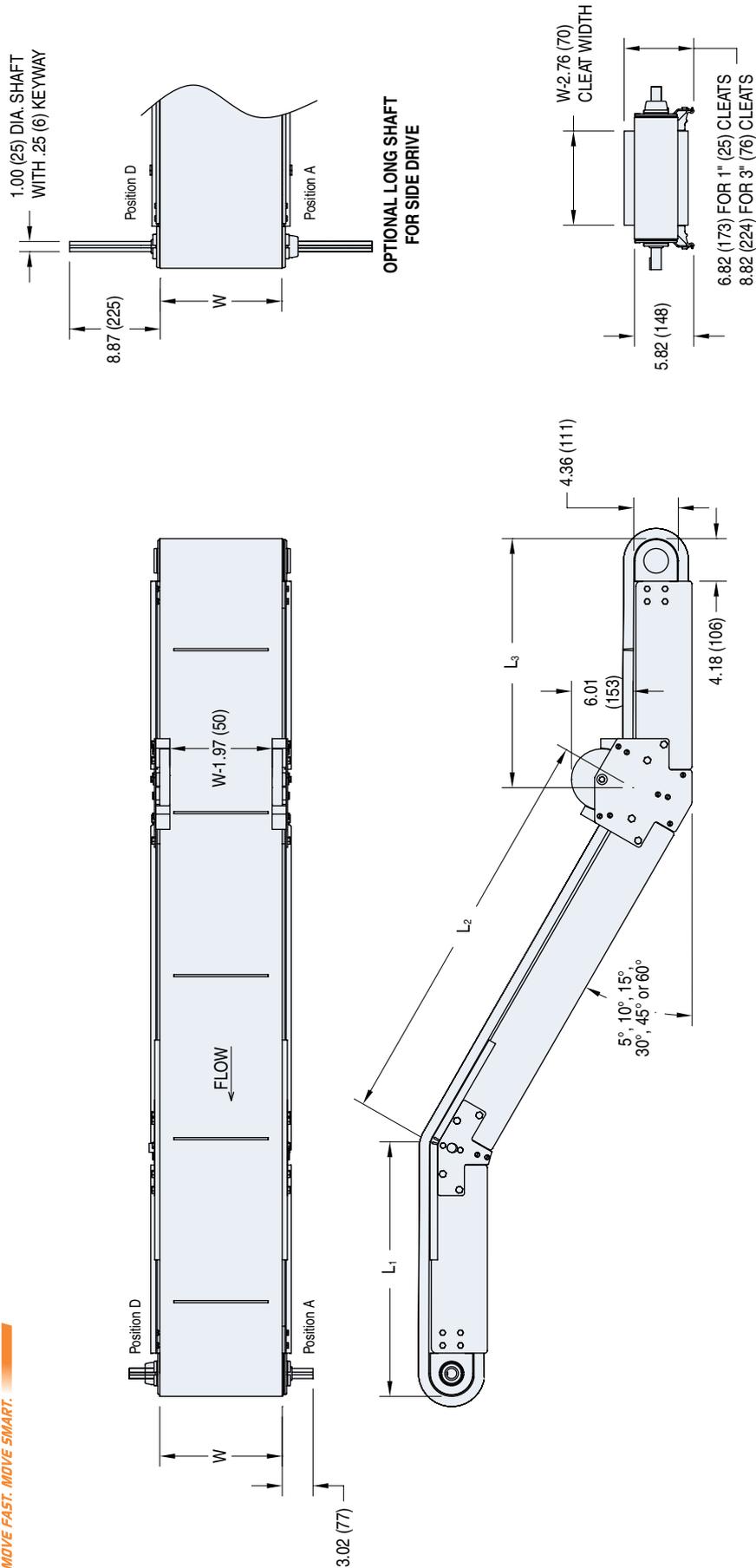


No Drilling with Innovative Key Hole & Mounting Rod

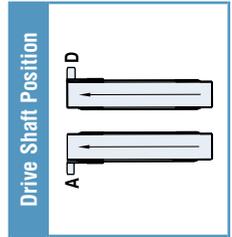


Z-Frame Configurations

Order gearmotor mounting packages and gearmotors separately, see pages 237-246.  
For support stands and accessories, see pages 247-256.



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



STANDARD SIZES			
<b>Conveyor Width Reference</b>	06	02 increments up to ...	24
<b>Conveyor Belt Width (W)</b>	6" (152mm)	2" (51mm) increments up to ...	24" (610mm)
<b>Conveyor Length Reference</b>	024	001 increments up to ...	999
<b>Conveyor 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: Nose Bar drive conveyors have a minimum conveyor length of 48"

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.

# AquaGard® 7350 SERIES: Z-FRAME CURVED MODULAR FLAT BELT

## Specifications:

- Loads up to 500 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 83' (25,298 mm)
- 45°, 90°, 135°, & 180° curves available
- 5° to 30° fixed angle modules available in 5° increments
- Wearstrip material is UHMW
- TIG welded 304 stainless steel frame
- Hard chrome coated bearing with FDA H1 food grade grease
- FDA approved belting and plastic components
- CE models available

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



Friction Insert Belts Available

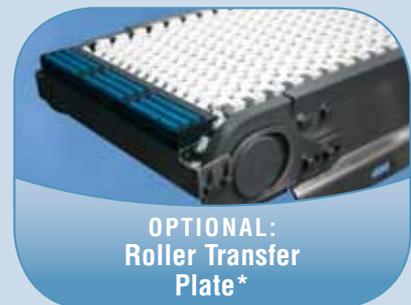
## Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length.
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max



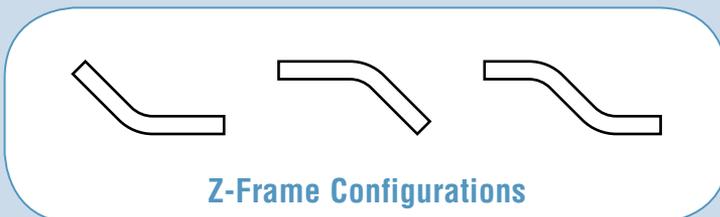
OPTIONAL:  
Powered  
Transfer\*

For small parts and maintaining speeds through transfer. Slave driven with speeds up to 175 ft/min.



OPTIONAL:  
Roller Transfer  
Plate\*

For smooth product transfers in minimal added length.



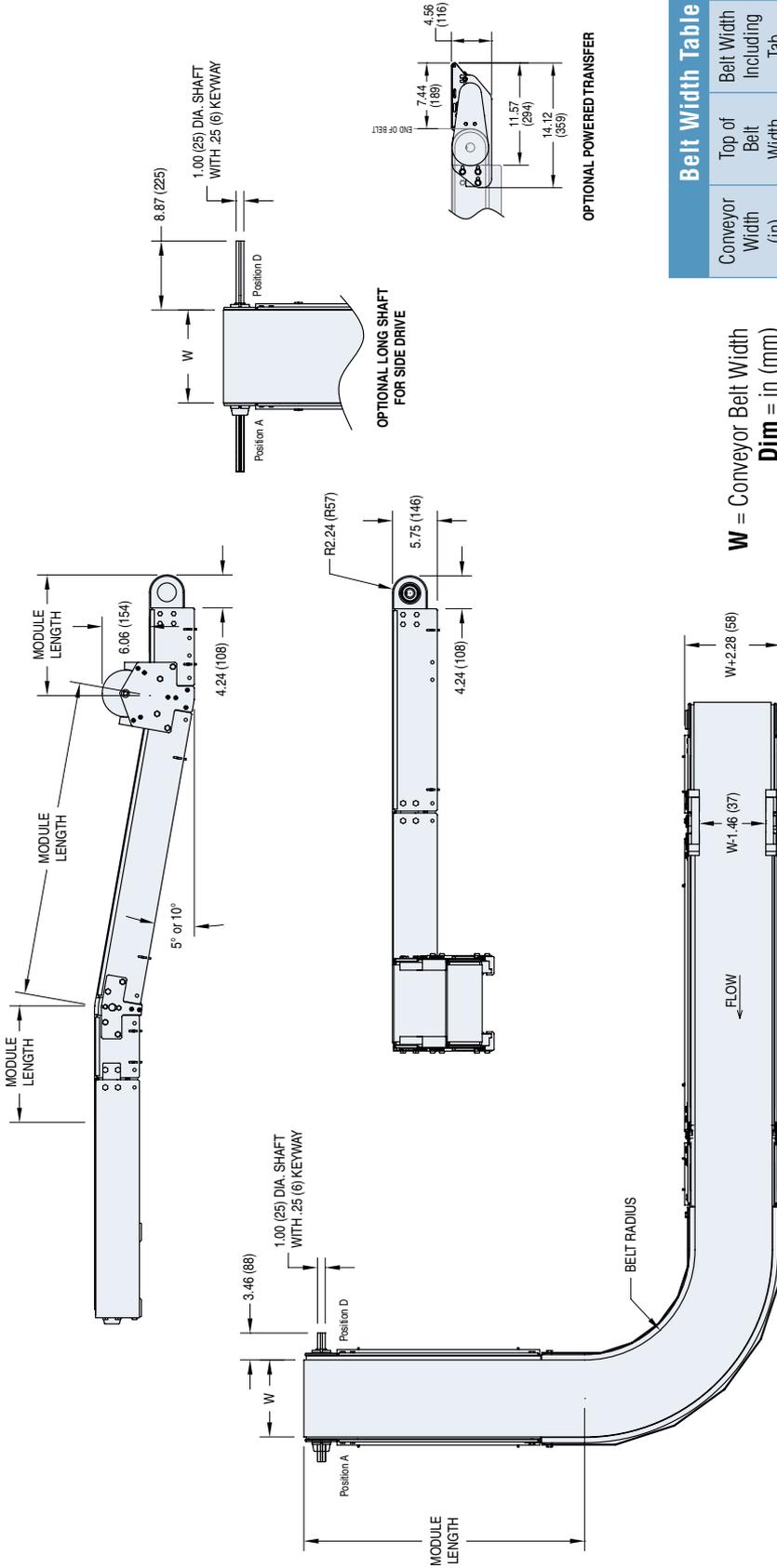
Z-Frame Configurations

\* Powered Transfer and Roller Transfer Plate are not compatible with friction insert belting.

Order gearmotor mounting packages and gearmotors separately, see pages 237-246.

For support stands and accessories, see pages 247-256.

**AQUAGARD® 7350 SERIES: Z-FRAME CURVED MODULAR FLAT BELT**



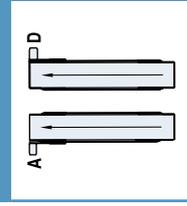
**W = Conveyor Belt Width**  
**Dim = in (mm)**

**STANDARD SIZES**

<b>Conveyor Width Reference</b>	06	02 increments up to ...	24
<b>Conveyor Belt Width (W)</b>	6" (152mm)	2" (51mm) increments up to ...	24" (610mm)
<b>Conveyor Length Reference (L<sub>1</sub>)</b>	036	001 increments up to ...	999
<b>Conveyor Length (L<sub>1</sub>)</b>	Greater of 36" (914mm) or 2W	1" (25mm) increments up to ...	999" (25,375mm)
<b>Conveyor Length Reference (L<sub>2</sub>)</b>	020	001 increments up to ...	999
<b>Conveyor Length (L<sub>2</sub>)</b>	Greater of 20" (508mm) or 1.5W	1" (25mm) increments up to ...	999" (25,375mm)
<b>Conveyor Length Reference (L<sub>3</sub>, L<sub>4</sub>)</b>	024	001 increments up to ...	999
<b>Conveyor Length (L<sub>3</sub>, L<sub>4</sub>)</b>	24" (610mm)	1" (25mm) increments up to ...	999" (25,375mm)

Note: Nose Bar drive conveyors have a minimum conveyor length of 48"

**Drive Shaft Position**

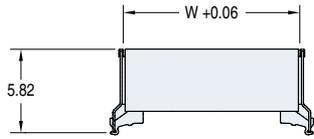


**Belt Width Table**

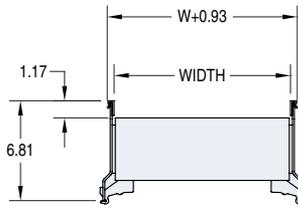
Conveyor Width (in)	Top of Belt Width	Belt Width Including Tab	Inside Radius of Belt
04	4.0	4.75	4.81
06	6.0	6.75	7.38
08	7.80	8.55	10.6
10	9.81	10.56	14.1
12	11.79	12.53	17.5
14	13.75	14.50	20.8
16	15.72	16.47	24.1
18	17.69	18.44	27.4
20	19.66	20.41	30.7
22	21.63	22.38	33.9
24	23.60	24.35	37.2

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.

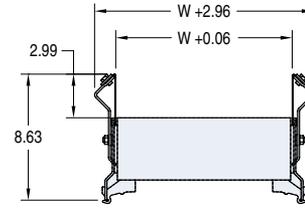
## FLAT PROFILES



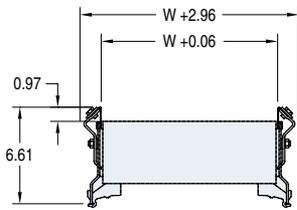
**01**  
Low Side



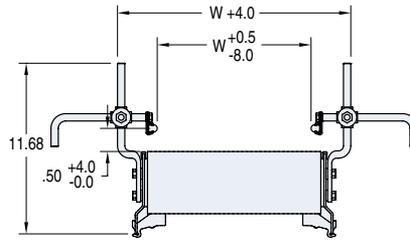
**02**  
Integral High Side



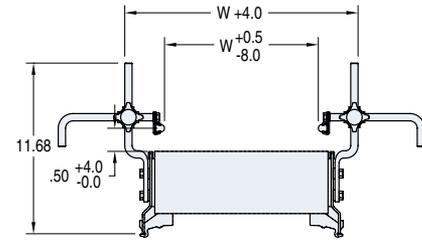
**04**  
3" Bolt-On High Side



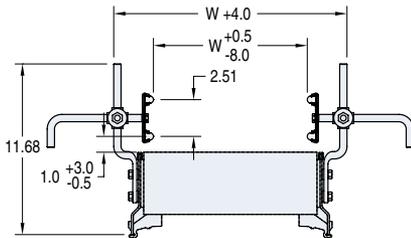
**05**  
1" Bolt-On High Side



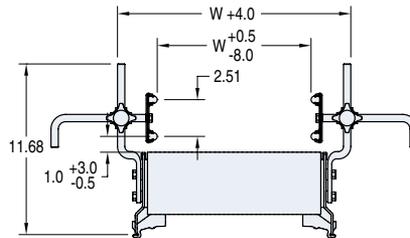
**13**  
Fully Adjustable Round



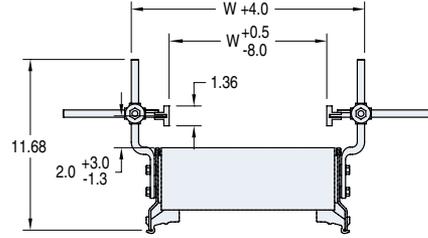
**14**  
Fully Adjustable Round  
w/ Tool-less Handles



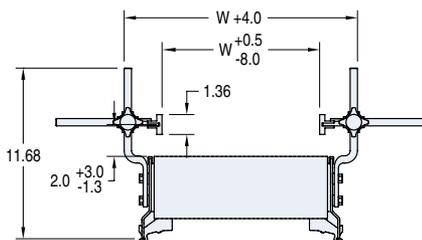
**15**  
Fully Adjustable Twin Rail



**16**  
Fully Adjustable Twin Rail  
w/ Tool-less Handles



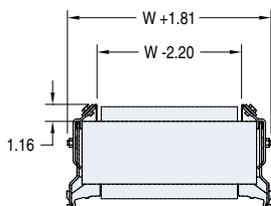
**17**  
Fully Adjustable Flat



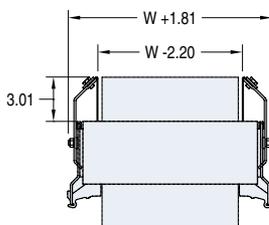
**18**  
Fully Adjustable Flat  
w/ Tool-less Handles

**Note:** Profile 17 and 18 use flexible UHMW rail for flex around curve module.

## CLEATED PROFILES



**02**  
1" Bolt-On High Side



**03**  
3" Bolt-On High Side

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

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

## 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.

## 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	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 Drive	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.

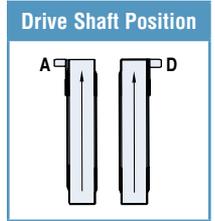
### FRICION TOP STRAIGHT PLASTIC CHAIN: Part number reference chart

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" (25 mm)	2" (51 mm)	4" (102 mm)	6" (152 mm)	12" (305 mm)

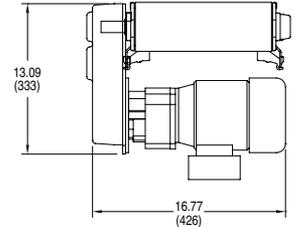
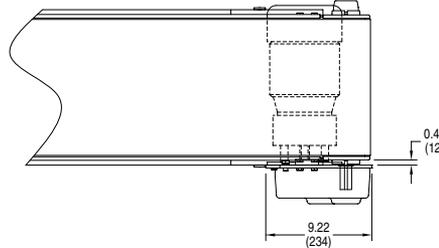
Note: Friction Top not available on nose bar drives

## GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

- Step 1:** Select a **Gearmotor Mounting Package** (page 237-238).
- Step 2:** Locate the appropriate gearmotor chart (pages 241-245) in terms of **Painted** vs. **Stainless Steel** and **Fixed Speed** vs. **Variable Speed**.
- Step 3:** Find the appropriate set of Belt Speed Charts (pages 239-240) for the Mounting Package you selected and choose between the **Fixed Speed** 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.



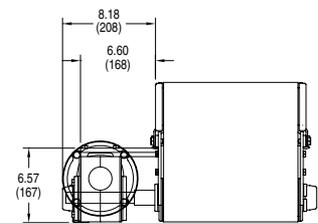
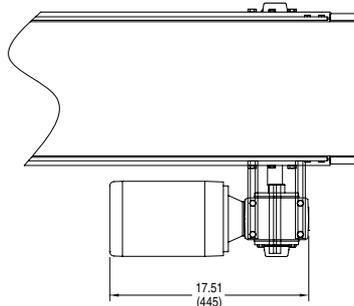
### Bottom Mount Package, Parallel Shaft Gearmotor



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

W = Conveyor Belt Width

### Nose Bar Mount Package, 90° Gearmotor

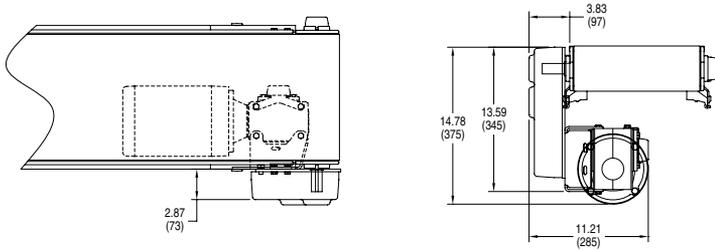


- Includes stainless steel gearmotor mounting bracket and mounting hardware

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.*

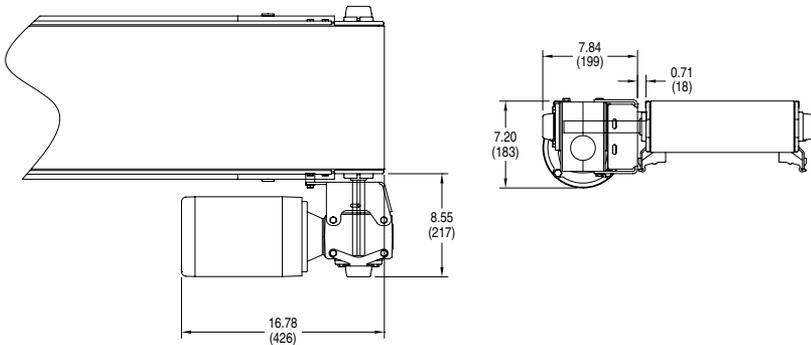
## Bottom Mount Package, 90° Gearmotor



- Includes stainless steel gearmotor mounting bracket, timing belt, plated 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

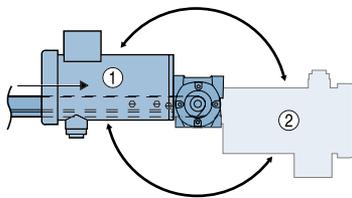


- Includes stainless steel gearmotor mounting bracket and mounting hardware

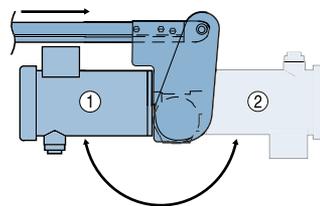
W = Conveyor Belt Width

## 90° Gearmotor Location Options

Side Mount



Bottom Mount



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)

## Parallel Shaft Gearmotor

Fixed Speed						
Belt Speed		RPM From Gearmotor	Mount Package Bottom	Pulley Kit		Gearmotor Chart
Ft/min	M/min			Drive Pulley	Driven Pulley	
21	6.4	21	x	30	30	<b>1</b>
25	7.7	21	x	36	30	<b>1</b>
31	9.4	31	x	30	30	<b>1</b>
37	11.3	31	x	36	30	<b>1</b>
50	15.2	50	x	30	30	<b>1</b>
60	18.3	50	x	36	30	<b>1</b>
84	25.6	84	x	30	30	<b>1</b>
101	30.7	84	x	36	30	<b>1</b>
122	37.2	122	x	30	30	<b>1</b>
146	44.6	122	x	36	30	<b>1</b>
170	51.8	170	x	30	30	<b>1</b>
190	57.9	190	x	36	30	<b>1</b>
204	62.2	170	x	30	30	<b>1</b>
228	69.5	190	x	36	30	<b>1</b>
258	78.6	258	x	30	30	<b>1</b>
<b>CE</b> Gearmotor RPM at 50 Hz.						
17	5.2	17	x	30	30	<b>2</b>
20	6.2	17	x	36	30	<b>2</b>
36	11.0	36	x	30	30	<b>2</b>
43	13.2	36	x	36	30	<b>2</b>
48	14.6	48	x	30	30	<b>2</b>
58	17.6	48	x	36	30	<b>2</b>
74	22.6	74	x	30	30	<b>2</b>
89	27.1	74	x	36	30	<b>2</b>
88	26.8	88	x	30	30	<b>2</b>
106	32.2	88	x	36	30	<b>2</b>
127	38.7	127	x	30	30	<b>2</b>
152	46.5	127	x	36	30	<b>2</b>
158	48.2	158	x	30	30	<b>2</b>
190	57.8	158	x	36	30	<b>2</b>
194	59.1	194	x	30	30	<b>2</b>
233	71.0	194	x	36	30	<b>2</b>

Variable Speed						
Belt Speed		RPM From Gearmotor	Mount Package Bottom	Pulley Kit		Gearmotor Chart
Ft/min	M/min			Drive Pulley	Driven Pulley	
4 - 21	1.3 - 6.4	21	x	30	30	<b>6</b>
5 - 25	1.5 - 7.7	21	x	36	30	<b>6</b>
6 - 31	1.9 - 9.4	31	x	30	30	<b>6</b>
7 - 37	2.3 - 11.3	31	x	36	30	<b>6</b>
10 - 50	3.0 - 15.2	50	x	30	30	<b>6</b>
12 - 60	3.7 - 18.3	50	x	36	30	<b>6</b>
17 - 84	5.1 - 25.6	84	x	30	30	<b>6</b>
20 - 101	6.1 - 30.7	84	x	36	30	<b>6</b>
24 - 122	7.4 - 37.2	122	x	30	30	<b>6</b>
29 - 146	8.9 - 44.6	122	x	36	30	<b>6</b>
34 - 170	10.4 - 51.8	170	x	30	30	<b>6</b>
38 - 190	11.6 - 57.9	190	x	36	30	<b>6</b>
41 - 204	12.4 - 62.2	170	x	30	30	<b>6</b>
46 - 228	13.9 - 69.5	190	x	36	30	<b>6</b>
52 - 258	15.7 - 78.6	258	x	30	30	<b>6</b>
<b>CE</b> RPM from 50 Hz. gearmotors. VFD drive at 63 max. Hz. output.						
4 - 27	2.6 - 5.2	17	x	30	30	<b>7</b>
5 - 33	3.1 - 6.2	17	x	36	30	<b>7</b>
9 - 58	5.5 - 11.0	36	x	30	30	<b>7</b>
10 - 69	6.6 - 13.2	36	x	36	30	<b>7</b>
12 - 77	7.3 - 14.6	48	x	30	30	<b>7</b>
14 - 92	8.8 - 17.6	48	x	36	30	<b>7</b>
18 - 118	11.3 - 22.6	74	x	30	30	<b>7</b>
21 - 142	13.5 - 27.1	74	x	36	30	<b>7</b>
21 - 141	13.4 - 26.8	88	x	30	30	<b>7</b>
25 - 169	16.1 - 32.2	88	x	36	30	<b>7</b>
30 - 203	19.4 - 38.7	127	x	30	30	<b>7</b>
37 - 244	23.2 - 46.5	127	x	36	30	<b>7</b>
38 - 253	24.1 - 48.2	158	x	30	30	<b>7</b>

## Washdown 90° Gearmotor

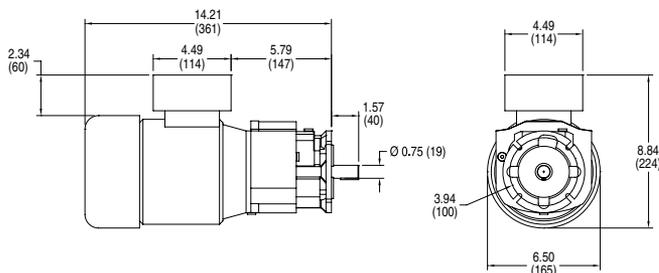
Fixed Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side & Nose Bar	Drive Pulley	Driven Pulley	
22	6.7	22	x	x	30	30	<b>3, 4</b>
26	8.0	22	x		36	30	<b>3, 4</b>
29	8.8	29	x	x	30	30	<b>3, 4</b>
35	10.6	29	x		36	30	<b>3, 4</b>
44	13.4	44	x	x	30	30	<b>3, 4</b>
53	16.1	44	x		36	30	<b>3, 4</b>
58	17.7	58	x	x	30	30	<b>3, 4</b>
70	21.2	58	x		36	30	<b>3, 4</b>
87	26.5	87	x	x	30	30	<b>3, 4</b>
104	31.8	87	x		36	30	<b>3, 4</b>
117	35.7	117	x	x	30	30	<b>3, 4</b>
140	42.8	117	x		36	30	<b>3, 4</b>
175	53.3	175	x	x	30	30	<b>3, 4</b>
210	64.0	175	x		36	30	<b>3, 4</b>
233	71.0	233	x	x	30	30	<b>3, 4</b>
Ⓢ Gearmotor RPM at 50 Hz.							
23	7.0	23		x			<b>5</b>
46	14.0	46		x			<b>5</b>
55	16.8	55		x			<b>5</b>
93	28.3	93		x			<b>5</b>
140	42.7	140		x			<b>5</b>
186	56.7	186		x			<b>5</b>

Variable Speed							
Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side & Nose Bar	Drive Pulley	Driven Pulley	
4 - 22	1.3 - 6.7	22	x	x	30	30	<b>8, 9</b>
5 - 26	1.6 - 8.0	22	x		36	30	<b>8, 9</b>
6 - 29	1.8 - 8.8	29	x	x	30	30	<b>8, 9</b>
7 - 35	2.1 - 10.6	29	x		36	30	<b>8, 9</b>
9 - 44	2.7 - 13.4	44	x	x	30	30	<b>8, 9</b>
11 - 53	3.2 - 16.1	44	x		36	30	<b>8, 9</b>
12 - 58	3.5 - 17.7	58	x	x	30	30	<b>8, 9</b>
14 - 70	4.2 - 21.2	58	x		36	30	<b>8, 9</b>
17 - 87	5.3 - 26.5	87	x	x	30	30	<b>8, 9</b>
21 - 104	6.4 - 31.8	87	x		36	30	<b>8, 9</b>
23 - 117	7.1 - 35.7	117	x	x	30	30	<b>8, 9</b>
28 - 140	8.6 - 42.8	117	x		36	30	<b>8, 9</b>
35 - 175	10.7 - 53.3	175	x	x	30	30	<b>8, 9</b>
42 - 210	12.8 - 64.0	175	x		36	30	<b>8, 9</b>
47 - 233	14.2 - 71.0	233	x	x	30	30	<b>8, 9</b>
Ⓢ RPM from 50 Hz. gearmotors. VFD drive at 80 max. Hz. output.							
6 - 37	3.5 - 7.0	23		x			<b>10</b>
11 - 74	7.0 - 14.0	46		x			<b>10</b>
13 - 88	8.4 - 16.8	55		x			<b>10</b>
22 - 149	14.2 - 28.3	93		x			<b>10</b>
34 - 224	21.3 - 42.7	140		x			<b>10</b>
45 - 298	28.3 - 56.7	186		x			<b>10</b>

## STANDARD LOAD, FIXED SPEED

**Chart 1** Parallel Shaft, Painted Gearmotor

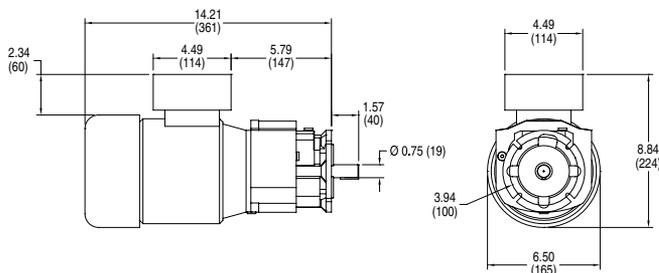
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Food Grade Paint
- Total Enclosed Fan Cooled
- 230/460 Volts, 3 Phase, 60 Hz
- Order Motor Starter Separately, see page 246



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73M081PS423FN	21	2	0.16	0.12	230 / 460	0.88 / 0.44	483	55
73M054PS423FN	32	2	0.25	0.19	230 / 460	1.12 / 0.56	507	57
73M034PS423FN	50	2	0.50	0.37	230 / 460	1.90 / 0.95	633	72
73M020PS423FN	84	2	0.75	0.56	230 / 460	2.70 / 1.35	563	64
73M013PS423FN	122	2	1.00	0.75	230 / 460	3.66 / 1.83	517	58
73M010PS423FN	170	2	1.00	0.75	230 / 460	3.66 / 1.83	374	42
73M008PS423FN	190	2	1.00	0.75	230 / 460	3.66 / 1.83	333	38
73M006PS423FN	258	2	1.00	0.75	230 / 460	3.66 / 1.83	246	28

**Chart 2** CE Parallel Shaft Gearmotor

- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz
- Order Motor Starter Separately, see page 246



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U081PS423FN	17	2	0.16	0.12	230 / 400	0.96 / 0.55	389	44
73U039PS423FN	36	2	0.5	0.37	230 / 400	1.9 / 1.09	549	62
73U029PS423FN	48	2	0.75	0.56	230 / 400	2.64 / 1.52	620	70
73U019PS423FN	74	2	1.0	0.75	230 / 400	3.65 / 2.1	531	60
73U016PS423FN	88	2	1.0	0.75	230 / 400	3.65 / 2.1	451	51
73U011PS423FN	127	2	1.5	1.12	230 / 400	4.89 / 2.81	469	53
73U009PS423FN	158	2	1.5	1.12	230 / 400	4.89 / 2.81	372	42
73U007PS423FN	194	2	1.0	0.75	230 / 400	3.65 / 2.1	327	37

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

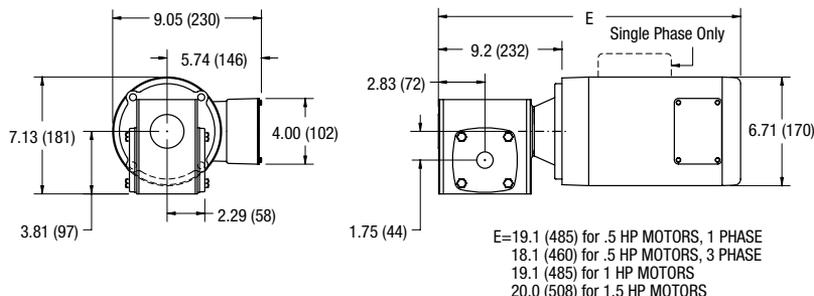
**FLA = Full Load Amperes**

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

## STANDARD LOAD, FIXED SPEED

### Chart 3 Painted Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gear Box
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order optional Manual Motor Starter separately, see page 246
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase

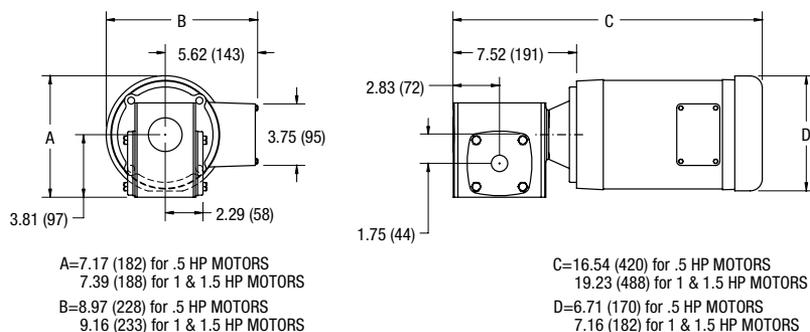


Part Number	RPM	Gearmotor Type	1 Phase			3 Phase			in.-lbs.	Nm
			Hp	kW	FLA	Hp	kW	FLA		
74M080HS4(vp)FN	22	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	356	40.2
74M060HS4(vp)FN	29	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	442	49.9
74M040HS4(vp)FN	44	1	0.5	0.37	6.8 / 3.7-3.4	0.5	0.37	1.6 / 0.8	486	54.9
74M030HS4(vp)FN	58	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	487	55.0
74M020HS4(vp)FN	87	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	407	46.0
74M015HS4(vp)FN	117	1	n/a	n/a	n/a	1	0.74	3.5-3.2 / 1.6	470	53.1
74M010HS4(vp)FN	175	1	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	442	49.9
74M007HS4(vp)FN	233	1	n/a	n/a	n/a	1.5	1.11	4.6-4.2 / 2.1	360	40.7

(vp) = voltage and Phase 11 = 115 / 208-230, 1 Phase 23 = 0.5 HP: 230 / 460 Volts, 3 Phase; 1.0 & 1.5 HP: 208-230 / 460 Volts, 3 Phase

### Chart 4 Stainless Steel Gearmotor

- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box
- Stainless Steel Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- 208-230 / 460 V, 3 Phase
- Order optional Manual Motor Starter separately, see page 246
- 0.5 Hp 230 / 460 V, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 V, 3 Phase



Part Number	RPM	Gearmotor Type	3 Phase				in.-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HSZ423FN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HSZ423FN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HSZ423FN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HSZ423FN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HSZ423FN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	407	46.0
74M015HSZ423FN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HSZ423FN	175	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	442	49.9
74M007HSZ423FN	233	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	360	40.7

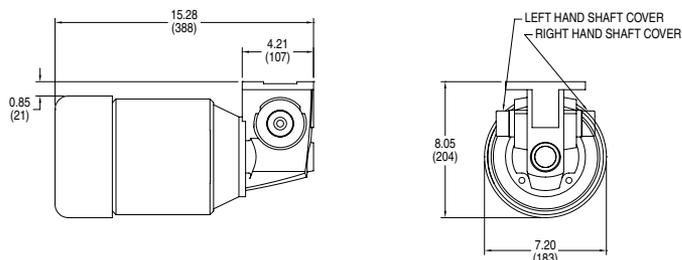
FLA = Full Load Amperes

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 5**    **CE 90° Gearmotor**

- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz
- Order Motor Starter Separately, see page 246



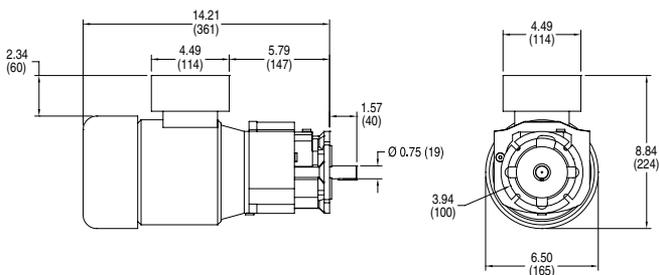
Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U060HS423FN	23	1	0.5	0.37	230 / 400	1.91 / 1.1	716	81
73U030HS423FN	46	1	1.0	0.75	230 / 400	3.65 / 2.1	902	102
73U025HS423FN	55	1	1.0	0.75	230 / 400	3.65 / 2.1	831	94
73U015HS423FN	93	1	1.5	1.12	230 / 400	4.89 / 2.81	787	89
73U010HS423FN	140	1	1.5	1.12	230 / 400	4.89 / 2.81	566	64
73U007HS423FN	186	1	2.0	1.49	230 / 400	6.17 / 3.55	593	67
73U005HS423FN	279	1	2.0	1.49	230 / 400	6.17 / 3.55	407	46

**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.

## STANDARD LOAD, VARIABLE SPEED

**Chart 6**    **Parallel Shaft, Painted Gearmotor**

- Variable Frequency Drive, 12 to 60 Hz
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Food Grade Paint
- Total Enclosed Fan Cooled
- 230/460 Volts, 3 Phase, 60 Hz nominal
- Order Controller Separately, see page 246



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M081PS423EN	4.2 to 21	2	0.16	0.12	230 / 460	0.88 / 0.44	483	55
74M054PS423EN	6.2 to 31	2	0.25	0.19	230 / 460	1.12 / 0.56	507	57
74M034PS423EN	10 to 50	2	0.50	0.37	230 / 460	1.90 / 0.95	633	72
74M020PS423EN	16.8 to 84	2	0.75	0.56	230 / 460	2.70 / 1.35	563	64
74M013PS423EN	24.4 to 122	2	1.00	0.75	230 / 460	3.66 / 1.83	517	58
74M010PS423EN	34 to 170	2	1.00	0.75	230 / 460	3.66 / 1.83	374	42
74M008PS423EN	38 to 190	2	1.00	0.75	230 / 460	3.66 / 1.83	333	38
74M006PS423EN	51.6 to 258	2	1.00	0.75	230 / 460	3.66 / 1.83	246	28

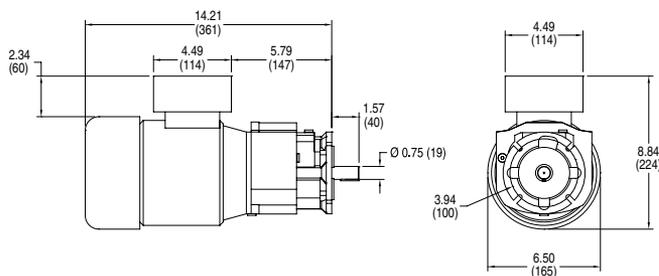
**FLA** = Full Load Amperes

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

## STANDARD LOAD, VARIABLE SPEED

### Chart 7 CE Parallel Shaft Gearmotor

- Variable Frequency Drive
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Unpainted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts 3 Phase, 50 Hz nominal
- Order Controller Separately, see page 246

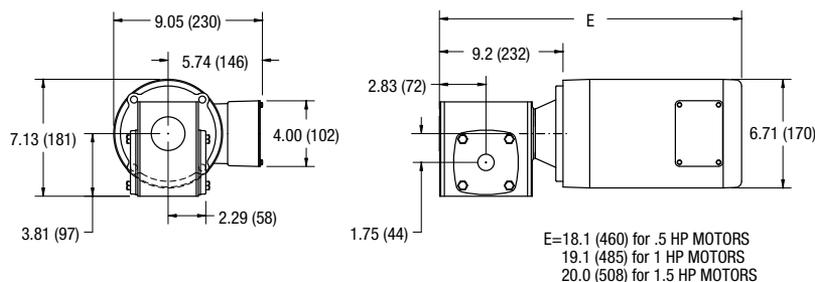


Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U081PS423EN	4.1 to 27	2	0.16	0.12	230 / 400	0.96 / 0.55	389	44
73U039PS423EN	8.6 to 58	2	0.5	0.37	230 / 400	1.9 / 1.09	549	62
73U029PS423EN	11.5 to 77	2	0.75	0.56	230 / 400	2.64 / 1.52	620	70
73U019PS423EN	17.8 to 118	2	1.0	0.75	230 / 400	3.65 / 2.1	531	60
73U016PS423EN	21.1 to 141	2	1.0	0.75	230 / 400	3.65 / 2.1	451	51
73U011PS423EN	30.5 to 203	2	1.5	1.12	230 / 400	4.89 / 2.81	469	53
73U009PS423EN	37.9 to 253	2	1.5	1.12	230 / 400	4.89 / 2.81	372	42

**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 8 90° Painted Gearmotor

- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Stainless Painted Gearbox
- FDA Approved White Epoxy Painted Motor
- UL and CSA Approved
- Totally Enclosed Non-Ventilated
- Order Controller Separately, see page 246



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HS423EN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HS423EN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HS423EN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HS423EN	58	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M020HS423EN	87	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	487	55.0
74M015HS423EN	117	1	1.0	0.74	208-230 / 460	3.5-3.2 / 1.6	470	53.1
74M010HS423EN	175	1	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	442	49.9
74M007HS423EN	233	1	1.5	1.11	208-230 / 460	4.6-4.2 / 2.1	360	40.7

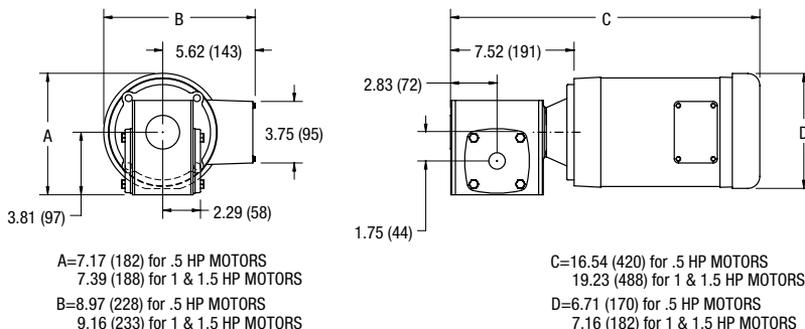
**FLA = Full Load Amperes**

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 9** 90° Stainless Steel Gearmotor

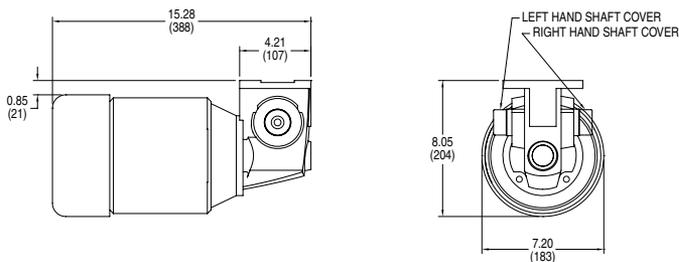
- Variable Frequency Drive, 6 to 60 Hz
- 3 Phase
- Nema 56C
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Stainless Steel Gear Box and Motor
- UL and CSA Approved
- 1/2 HP is Totally Enclosed Non-Ventilated
- 1 and 1 1/2 HP are Totally Enclosed Fan Cooled
- Order Controller Separately, see page 246



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HHS423EN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HHS423EN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HHS423EN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HHS423EN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HHS423EN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M015HHS423EN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HHS423EN	175	1	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	442	49.9
74M007HHS423EN	233	1	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	360	40.7

**Chart 10** CE 90° Gearmotor

- Variable Frequency Drive, 12 to 80 Hz
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- Un-Painted Aluminum Gearmotor
- Total Enclosed Fan Cooled
- 230/400 Volts, 3 Phase, 50 Hz nominal
- Order Controller Separately, see page 246



Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U060HS423EN	5.5 to 37	1	0.5	0.37	230 / 400	1.91 / 1.1	716	81
73U030HS423EN	11 to 74	1	1.0	0.75	230 / 400	3.65 / 2.1	902	102
73U025HS423EN	13.2 to 88	1	1.0	0.75	230 / 400	3.65 / 2.1	831	94
73U015HS423EN	22.3 to 149	1	1.5	1.12	230 / 400	4.89 / 2.81	787	89
73U010HS423EN	33.6 to 224	1	1.5	1.12	230 / 400	4.89 / 2.81	566	64
73U007HS423EN	44.6 to 298	1	2.0	1.49	230 / 400	6.17 / 3.55	593	67

**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.

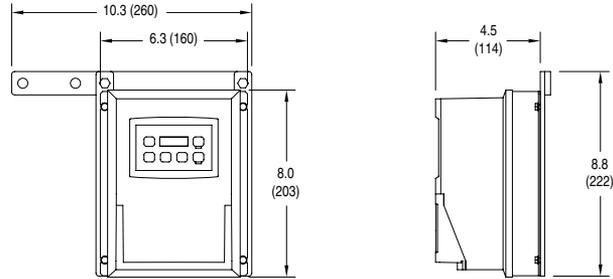
**FLA = Full Load Amperes**

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

## VARIABLE SPEED CONTROLLER

**Chart A** Variable Speed Controllers

- Variable Frequency Drive
- IP 65 Plastic Enclosure
- Stainless steel mounting hardware
- Digital Display
- Keypad with Start/Stop and Speed variation
- Includes cord to motor
- Power to controller by others
- UL Approved

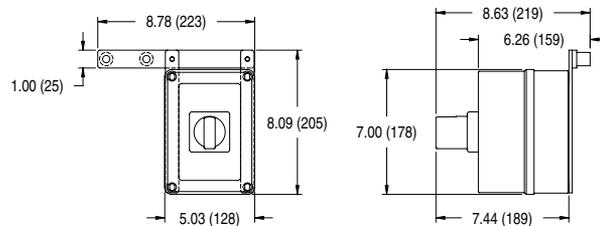


Part Number	Input			Output		Max Hp	Max Amps	A (width)	B (depth)
	Volts	Phase	Hz	Volts	Phase				
74MV1122S	115	1	60	230	3	0.5	2.2	7.9 (200)	3.8 (96)
74MV2322S	230	3	60	230	3	0.5	2.2	6.1 (155)	4.4 (112)
74MV1121S	115	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV2121S	230	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV4341S	460	3	60	460	3	1.0	2.0	6.1 (155)	4.4 (112)
74MV2127S	230	1	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV2327S	230	3	60	230	3	2.0	6.8	7.9 (200)	4.9 (124)
74MV4347S	460	3	60	460	3	2.0	3.4	7.9 (200)	4.9 (124)

## MANUAL MOTOR STARTER

**Chart B** Manual Motor Starter

- Nema 4X Plastic Enclosure
- Stainless Steel mounting hardware
- IP 66
- Start / Stop Switch
- Lock out tag out capable
- Includes wiring to Motor
- Power to Starter by others
- No plug/cord set included

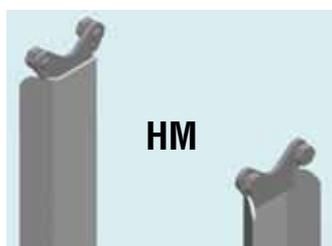
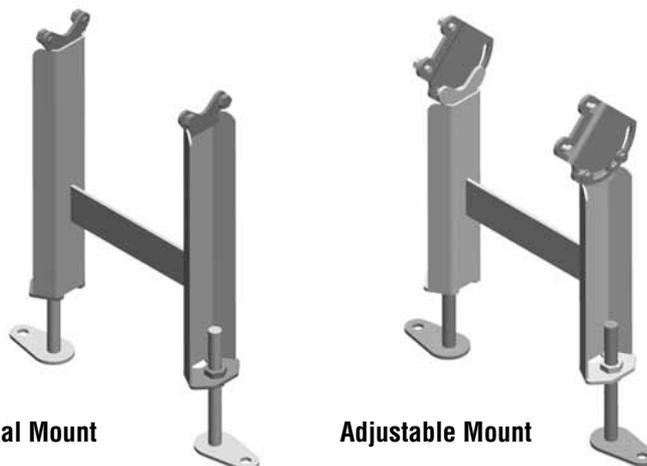


Part Number	Input			FLA
	Volts	Phase	Hz	
74MM11F	115	1	60	6.3 - 10
74MM21D	208-230	1	60	2.5 - 3.9
74MM23A	208-230	3	60	0.63 - 0.99
74MM23B	208-230	3	60	1.0 - 1.59
74MM23C	208-230	3	60	1.6 - 2.4
74MM23D	208-230	3	60	2.5 - 3.9
74MM23E	208-230	3	60	4.0 - 6.3
74MM43A	460	3	60	1.6 - 2.4
74MM43B	460	3	60	2.5 - 3.9
74MM43C	460	3	60	0.63 - 0.99
74MM43D	460	3	60	1.0 - 1.59

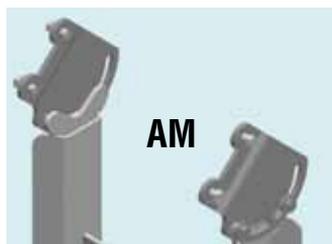
FLA = Full Load Amperes

## Fixed Foot Support Stands

- All components are stainless steel with a 2B finish
- Vertical leg is formed sheet metal
- Has ± 2" of adjustment
- Fixed Foot self aligns 10\* for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications



**Horizontal Mount**



**Adjustable Mount**



**Outrigger**

### Fixed Foot Model

		4" (102)	6" (152)	8" (203)	2" (51) increments up to...	36" (914)
Conveyor Width						
<b>WW Part # Reference</b>		04	06	08	02 increments up to...	36
<b>HM</b> Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	44" (1,118)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	1620	1721	1822	01 increments up to...	7276
<b>AM</b> Adjustable Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	44" (1,118)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2024	2125	2226	01 increments up to...	7276
<b>HR</b> Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments up to...	54" (1,372)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	1620	1721	1822	01 increments up to...	7276
<b>AR</b> Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments up to...	54" (1,372)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2024	2125	2226	01 increments up to...	7276

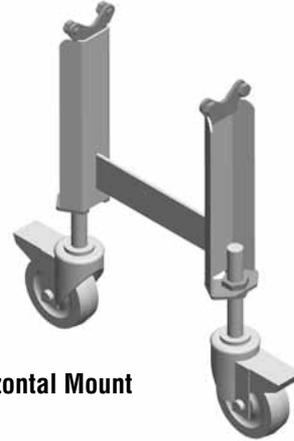
\*Note: Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

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.

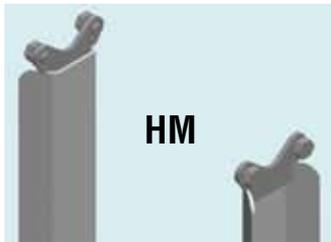
For ordering information, see page 263

## Swivel Locking Caster Support Stands

- All components are stainless steel with a 2B finish
- Vertical leg is formed sheet metal
- Has ± 2" of adjustment
- Caster is swivel locking
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications



Horizontal Mount



HM

Horizontal Mount



AM

Adjustable Mount



Outrigger

### Swivel Locking Caster Model

		4" (102)	6" (152)	8" (203)	2" (51) increments up to...	36" (914)
<b>WW Part # Reference</b>		04	06	08	02 increments up to...	36
<b>HM</b> Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	16" (406)	18" (457)	20" (508)	02 increments up to...	48" (1,219)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2125	2226	2327	01 increments up to...	7276
<b>AM</b> Adjustable Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments up to...	48" (1,219)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2529	2630	2731	01 increments up to...	7276
<b>HR</b> Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments up to...	58" (1,473)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2125	2226	2327	01 increments up to...	7276
<b>AR</b> Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments up to...	39" (991)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments up to...	58" (1,473)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments up to...	72" (1,829)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments up to...	76" (1,930)
	HHHH Height Reference	2529	2630	2731	01 increments up to...	7276

\*Note: Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

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 263

## TALL SUPPORT STANDS

### Fixed Foot Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Foot *	(0.263)(HH max) + (WW + 6) inches				
Top of Belt (Minimum)	71" (1,803)	72" (1,829)	73" (1,854)	in 1" (25mm) increments up to...	95" (2,413)
Top of Belt (Maximum)	75" (1,905)	76" (1,930)	77" (1,956)	in 1" (25mm) increments up to...	99" (2,515)
HHHH Part Number	7175	7276	7377	in 01 increments up to...	9599



**Horizontal Mount**



**Adjustable Mount**

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications
- Includes Diagonal Brace for stability
- Tall Support Stands require the use of floor anchors

\* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.



**Horizontal Mount Tall Stand**

## LOW HEIGHT SUPPORT STANDS

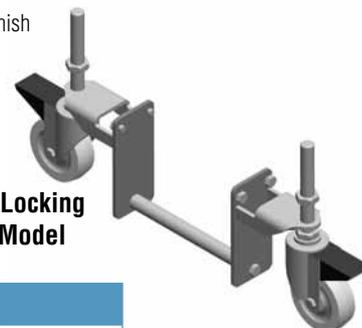
### Fixed Foot Model

Top of Belt (Minimum)	7" (178)	9" (229)
Top of Belt (Maximum)	11" (279)	13" (330)
HHHH Part # Reference	0711	0913
Stand Width at Foot *	WW + 10.5" (267mm)	

- All components are stainless steel brushed to #4 finish
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Caster is swivel locking
- Horizontal conveyor mounts only

\* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.

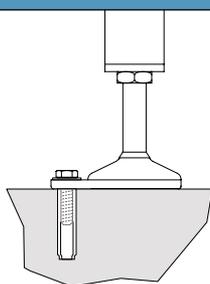
**Swivel Locking Caster Model**



### Swivel Locking Caster Model

Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments up to...	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments up to...	60
Stand Width at Caster *	22" (559)	24" (610)	26" (660)	in 2" (51mm) increments up to...	78" (1,981)
Top of Belt (Minimum)	12" (305)		14" (356)	16" (406)	
Top of Belt (Maximum)	16" (406)		18" (457)	20" (508)	
HHHH Part Number	1216		1418	1620	

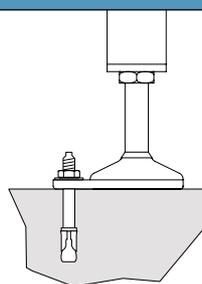
## SANITARY FLOOR ANCHOR KITS



### Type 1 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 1.57" (40 mm) drop in
- Stainless Steel
- Anchor is flush with floor upon removal of bolt
- Two (2) per anchor kit

**Part No. FAS-1**



### Type 2 Sanitary Floor Anchor Kit

- 3/8" (10 mm) x 2 3/4" (70 mm)
- Stainless Steel
- Threaded anchor bolt protrudes above floor after installation
- Two (2) per anchor kit

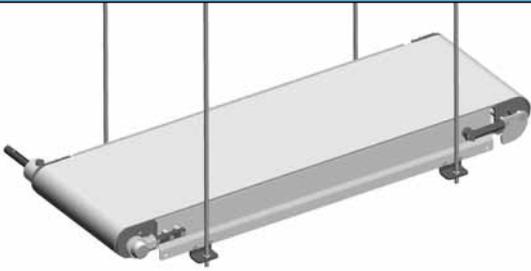
**Part No. FAS-2**

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 263

## HORIZONTAL CEILING SUPPORTS



- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others

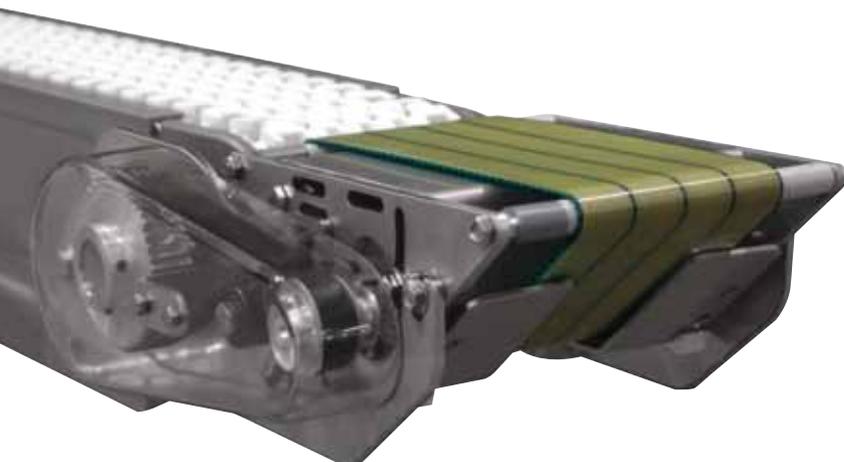
**Part No. 39HCS**

## ADJUSTABLE ANGLE CEILING SUPPORTS



- All components are stainless steel brushed to #4 finish
- Includes a pair of mounting brackets and hardware for support on both sides of conveyor
- Compatible with 1/2" threaded support rod provided by others
- Mounting block pivots to support incline mounts from 0° to 60°

**Part No. 39ACS**



## AquaGard®

### Interfacing with Large Pulleys for Small Part Transfers

Smoothly Transfer Parts Smaller than 2"

Maintain Product Speed Through Transfer

Compact, Space Saving Design with  
Minimal Length Added

#### Features & Benefits

- 1/2" diameter nose rollers for small part transfer
- Adjustable height and distance to main roller for fine tuning the product transfer
- High speed positive drive conveyor belts to ensure consistent speed
- Maintains product speed through transfer for gapping and pacing
- Located at drive and/or idler end of main conveyor
- Compatible with both curve and straight conveyors
- Compatible with all end drive tails and drive mount packages
- Made of corrosion resistant materials for wipe down or occasional wash down
- Slave driven from main roller for minimal install requirements

#### Conveyor Specifications:

**Conveyor Width:** 4" wide to 36" wide in 2" increments

**Conveyor Length:** Adds less than 8" to conveyor length

**Conveyor Speed:** Up to 175 ft/min

#### Slave Drive Speed Options:

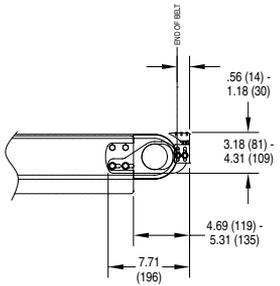
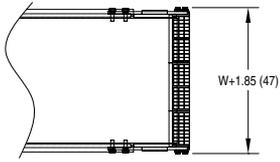
- Same Speed
- Speed Up by 1.6 : 1
- Speed Down by 1.25 : 1



#### General Specifications

- FDA approved 1/2" diameter self lubricated nose bar bushings
- Positive drive FDA approved urethane belting
- 300 series stainless steel / anodized aluminum construction
- Plated corrosion resistant bearings
- Used on infeed and exit tail
  - For infeed tail : Needs conveyor to be ordered with output shaft tail
  - For exit tail : Needs conveyor to be ordered with dual output shaft tail
- Can be purchased as a conveyor only
  - Does not include mounting brackets or slave drive
  - Includes output shaft only

## ROLLER TRANSFER PLATE



- 4" wide to 36" wide
- Includes 0.43" diameter rollers mounted in transfer plate
- Adjustable mounting to fine tune small parts transfer
- Used on curves and straights, infeed and exit tail
- All brackets and fasteners are stainless steel

### 7350 SERIES: ROLLER TRANSFER PLATE

735ST C - WW

**Conveyor Width:** 04-36  
**Conveyor Type:** S = 7350 Straight, C = 7350 Curve

## OVERHEAD GUIDE



- For part hold down or cover closing
- Adjustable height and position across width
- Round nose UHMW guide with stainless steel backing
- Lengths: 3' to 10' in 1" increments
- Horizontal Brackets provided for every 2' of length
- Available in standard adjustable and tool-less adjustable mount styles
- All brackets and fasteners are stainless steel
- Does not include vertical mounting post. To be used with profiles 13 thru 18 or upper guide assembly.

### 7350 SERIES: OVERHEAD GUIDE

735HG A - LL

**Guide Length:** 03-10  
**Guide Type:** A = Adjustable, T = Tool-less

## UPPER GUIDE



- Used for guiding lids and/or tall parts
- Round nose UHMW guide with stainless steel backing
- Equipped with or without tall adjustable height bracket
- Length: 3' to 10' in 1' increments
- (2) width adjusting options (standard 5" post, 10" post)
- Brackets provided for every 2' of length
- Available in standard adjustable and tool-less adjustable mount styles
- All brackets and fasteners are stainless steel

### 7350 SERIES: UPPER GUIDE

735UG A W P - LL

**Guide Length:** 03-10  
**Post:** V = Vertical post, N = No vertical post  
**Guide Width:** 1 = 5", 2 = 10"  
**Guide Type:** A = Adjustable, T = Tool-less

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.

## ACCESSORY MOUNTING BAR



- Used for mounting adjustable devices such as photoeyes and sensors
- Can be mounted directly to frame or in combination with guide brackets
- 2 Versions:
  - 3' bar used to mount to 24" hole pattern in frames
  - 1' L shape used to mount at tail ends
- Compatible with Value Guide blocks (VG-021-02)
- All brackets and fasteners are stainless steel

### 7350 SERIES: ACCESSORY MOUNTING BAR

735AM - LL

**Tail Version: 01 = 1" tail, 03 = 3" tail**

## ELECTRICAL / AIR ROUTING CLIP



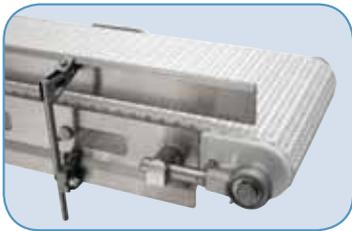
- Light weight mounting clip for wire clips, conduit clicks, wire tie mounts, etc.
- Mounts directly to M8 guide bolts and/or lower frame lip
- May be mounted to inside of frame or outside of frame
- Offset to clear mounting screws
- Package of 10 pieces
- All brackets and fasteners are stainless steel

Part Number	Description
735RC-10	Electrical / Air Routing Clip (package of 10 pieces)

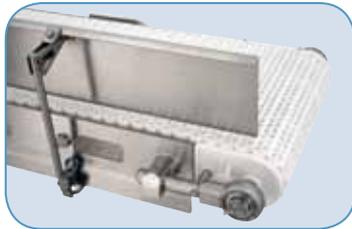
Note: Dimensions = in (mm)

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

## HINGED GUIDING



3" Hinged Guiding shown



6" Hinged Guiding shown



Guide Hinged Away for Fast Access

### Specifications

- Lengths: 24" (610 mm) to 120" (3,048 mm) available in 1" increments

### Features

- Provides additional product guiding options for all AquaPruf and AquaGard conveyors
- Guiding mounted to the conveyor without frame modifications
- Tool-less hinged design for quick access to the conveyor for rapid cleaning
- All components are 300 series stainless steel
- Adjustable along the length of the conveyor
- All adjustment screws located outside the food zone
- (4) Models available;
  - 3" stainless steel high side
  - 6" stainless steel high side
  - Fully Adjustable Guide with UHMW rounded nose profile
  - Tool-less Fully Adjustable Guide with UHMW rounded nose profile

#### 7350 SERIES: HINGED GUIDING

74	HG	XX	-	LLL	
					Length: 024-120 (ie. 120 = 120")
					Guide Type:
					01 = 3" high side
					02 = 6" high side
					03 = Fully Adjustable Guide
					04 = Tool-less Full Adjustable Guide

## M8 ACCESSORY MOUNTING BOLT



- Stainless steel mounting hardware
- M8-1.25 Male mounting stud
- Used with Dornier key-slot system
- Eliminates the need to access the inside of the frame
- Package of 10 pieces
- Includes M8 Nut

Part Number	Description
735M8-10	M8 Accessory Mounting Bolt w/Nut (package of 10 pieces)

Note: Dimensions = in (mm)

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

## ACCESSORY MOUNTING BLOCK

### Features

- Mount accessory items to the AquaPruf and AquaGard conveyors
- Mount accessories without frame modifications
- Clamps ½" diameter shaft for ease of accessory mounting
- All components are 300 series stainless steel
- Adjustable along the length of the conveyor
- All adjustment screws located outside the food zone
- Includes:
  - Mounting block with clamp screw
  - Clamp ring for ½" shaft with stainless acorn nut (½" shaft not included)



Part Number	Description
740MB	Accessory Mounting Block

## PHOTO EYE AND REFLECTOR MOUNTING BRACKETS

### Specifications

- Mounts standard 18 mm barrel or nose mount photo eyes or sensors
- Attach bracket or accessories without frame modifications
- Adjustable along the length of the conveyor
- Adjustable height and angle positioning
- All adjustment screws located outside the food zone
- (3) Photo Eye Types
  - Thru beam includes (2) mounts
  - Reflector includes (1) photo eye mount and (1) reflector mount (reflector included)
  - Convergent includes (1) photo eye mount



#### 7350 SERIES: PHOTO EYE BRACKET - ACCESSORY MOUNTING BAR STYLE

735 **PM** - **FP**

**Post Type:** **NP** = Fixed Post w/o post included  
**FP** = Fixed Post w/ post included  
**AM** = Accessory Mount

**Mount Type:** **PM** = Photoeye Mount **RM** = Reflective Mount  
**CM** = Convergent Mount

- Accessory Mounting Bar Style: (3) Mount versions:
  - To fixed post (does not include mounting post)
  - To fixed post (includes mounting post)
  - To accessory mounting bar (includes Value Guide Block and adjustable post)

#### 7350 SERIES: PHOTO EYE BRACKET - DIRECT FRAME MOUNTING STYLE

740 **XX** - **YY**

**Photo Eye Type:** **RM** = Reflective **TB** = Thru beam

**Kit Type:** **PK** = Photo eye kit including Photo Eye  
**PM** = Photo eye mount only

**Available Options:** 740PK-RM, 740PM-RM, 740PM-TB



- Direct Frame Mounting Style: (3) Mount versions
  - Mount only with (2) support posts
  - Mount only including reflector for retro-reflective photo eye
  - Mount including retro-reflective photo eye and reflector

Note: Dimensions = in (mm)

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

## DRIP PANS

### Specifications

- Widths: 6" (152 mm) to 60" (1,524 mm) available in 2" increments
- Lengths: 24" (610 mm) to 999" (25,375 mm) available in 1" increments  
maximum section lengths of 118" (2,997 mm)

### Features

- Catch pans for all AquaPruf and AquaGard Conveyors
- Tool-less hook design for fast removal and rapid cleaning
- Provides a 2" window for clean-out access without removal
- All pans equipped with a 1" containment lip on all sides
- All components are 300 series stainless steel
- All adjustment screws located outside the food zone
- Contact factory for additional options



### 7350 SERIES: DRIP PANS

7 XXX DP WW - LLL  
 Length: 024-120 (ie. 120 = 120")  
 Drip Pan Width: 06-60  
 Conveyor Type: 350 = 7350 Straight Conveyors 35C = 7350 Curve Conveyors

7600 Series Shown

## SANITARY INFEED CHUTES, HOPPERS AND FLARED GUIDES

### Specifications

- Widths: 6" (152 mm) to 24" (610 mm) available in 2" increments
- Lengths: 24" (610 mm) to 72" (1,829 mm) available in 1" increments
- Angles: 5° to 60° in 5° increments

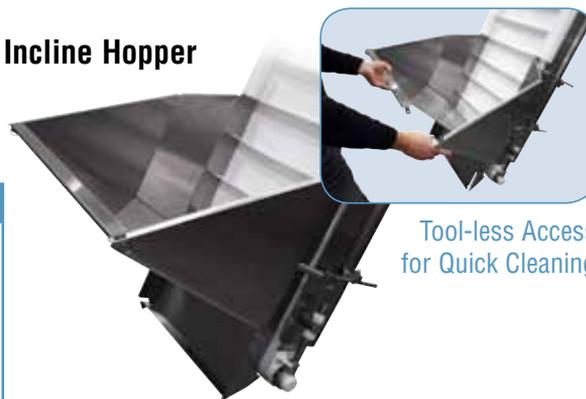
### Features

- Bulk handling options for all AquaPruf and AquaGard conveyors
- Chute/Hopper mounts to conveyors without any modifications
- Tool-less hinged design for quick access to the conveyor for rapid cleaning
- All components are 300 series stainless steel
- Adjustable along the length of the conveyor
- All adjustment screws located outside the food zone
- (3) Models
  - Horizontal Chute with back stop
  - Angled Hopper with back stop
  - Flared Side Guide

### Infeed Chute



### Incline Hopper



Tool-less Access  
for Quick Cleaning

### 7350 SERIES: SANITARY INFEED CHUTES, HOPPERS AND FLARED GUIDES

7 XXX YY WW - LLL - AA  
 Angle: 05-60 (used only on HK and AH models)  
 Accessory Length: 024-072 (not used on AH models)  
 Accessory Width: 06-24 (not used for type FG)  
 Hopper Type: HH = Horizontal Hopper FG = Flared Guide  
 AH = Angled Hopper  
 Conveyor Type: (not used for type FG)  
 350 = 7350 Straight Conveyors 35C = 7350 Curve Conveyors

7400 and 7600 Series Shown  
 For Products smaller than 3/8" diameter consult factory.

Note: Dimensions = in (mm)

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

## 7350 SERIES: MODULAR FLAT BELT CONVEYOR

7 3 5 M W W L L L D I A B C P P P B B

**Belt Material:** MN, MP, etc.

**Profile (D Side):**

- 01 = Lowside
- 02 = Integral High Side
- 04 = 3" High Side
- 05 = 1" High Side
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side
- 52 = High Side - .41 Diameter Holes D Side

**Profile (A Side):**

- 01 = Lowside
- 02 = Integral High Side
- 04 = 3" High Side
- 05 = 1" High Side
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes A Side
- 52 = High Side - .41 Diameter Holes A Side

**Idler End Stand Location:**

- A = no stand mounting holes
- B = 12" from idler end
- C = 18" from idler end
- D = 24" from idler end
- E = 30" from idler end
- G = 12" from idler end with braces
- H = 18" from idler end with braces
- J = 24" from idler end with braces
- K = 30" from idler end with braces

**Drive End Stand Location:**

- A = no stand mounting holes
- B = 12" from drive end
- C = 18" from drive end
- D = 24" from drive end
- G = 12" from drive end with braces
- H = 18" from drive end with braces
- J = 24" from drive end with braces

**Motor Shaft Position: A or D**

**Idler End:**

- 1 = Standard
- 2 = Nose Bar

**Drive / Pulley Type:**

- 1 = Standard Bottom Drive
- 2 = Standard Side Drive
- 3 = Bottom Drive Double Output
- 4 = Side Drive Tail w/ Dual Output Shaft
- 5 = Nose Bar
- 6 = Nose Bar Customer Supplied Drive

**Length:** 036-999

**Belt Width:** 04-36

**Language:** M = English

**Drive Shaft Position**

**Example:** 735M1232441DHH0214TC

**Description:** AquaGard 7350 Series straight flat belt stainless steel conveyor with auxiliary shaft side drive tail in position D and standard infeed tail, 12" (305mm) nominal width x 27' (8230mm) long with integral high side profile on the A side, tool-less fully adjustable round profile on the D side and type TC white flat (closed) top polypropylene plastic chain with friction inserts every four links. The conveyor is configured to have Dorner stainless steel support stands with diagonal braces 18" (457mm) from infeed end and 18" (457mm) from discharge end. Note: Usable chain width is 11.84" (301mm).

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

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

For more information about any product or accessory, or to locate a local distributor, go to [www.dorner.com](http://www.dorner.com).

# AquaGard® 7350 SERIES: PART NUMBER REFERENCE

## 7350 SERIES: MODULAR CLEATED BELT CONVEYOR

7 3 5 M WW LLL D I A B C PP BB SS

Cleat Spacing: 01-99 = Link Spacing

Belt Material: MN, MP, etc.

**Profile:**

01 = Lowside

02 = 1" High Side

03 = 3" High Side

50 = Low Side - Key Slot Holes Both Sides

51 = Low Side - .41 Diameter Holes Both Side

**Idler End Stand Location:**

A = no stand mounting holes

B = 12" from idler end

C = 18" from idler end

D = 24" from idler end

E = 30" from idler end

G = 12" from idler end with braces

H = 18" from idler end with braces

J = 24" from idler end with braces

K = 30" from idler end with braces

**Drive End Stand Location:**

A = no stand mounting holes

B = 12" from drive end

C = 18" from drive end

D = 24" from drive end

G = 12" from drive end with braces

H = 18" from drive end with braces

J = 24" from drive end with braces

**Motor Shaft Position: A or D**

**Idler End:**

1 = Standard

**Drive / Pulley Type:**

1 = Standard Bottom Drive

2 = Standard Side Drive

3 = Bottom Drive Tail w/ Dual Output Shaft

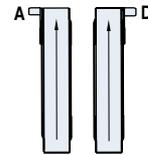
4 = Side Drive Tail w/ Dual Output Shaft

**Length:** 036-999

**Belt Width:** 08-24

**Language:** M = English

**Drive Shaft Position**



**Example:** 735M1811831AGH50NK06

**Description:** AquaGard 7350 Series straight cleated stainless steel conveyor with auxiliary shaft bottom drive tail in position A, 18" (457mm) nominal width x 9'-10" (2997mm) long with low side with keyslot holes profile. Plastic chain is type NK white flat (closed) top polypropylene with 1" (25mm) tall cleats on 6" (152mm) centers. Note: Usable chain width is 15.13" (384mm). Depending upon belt width, each individual cleat may consist of multiple pieces. The conveyor is configured to have Dorner stainless steel support stands with diagonal braces 18" (457mm) from infeed end and 12" (305mm) from discharge end.

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.

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## 7350 SERIES: STRAIGHT INFEED / IDLER – SECTION 1

7 3 5 1 M W W L L L D A P P P B B 1

Sequence Number: 1

Belt Material: MN, MP, etc.

Profile (D Side):

- 01 = Lowside
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side

Profile (A Side):

- 01 = Lowside
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side

Infeed Stand Location:

- A = no stand mounting holes
- B = 12" from drive end
- C = 18" from drive end
- D = 24" from drive end
- E = 30" from drive end
- F = 36" from drive end
- G = 12" from drive end with braces
- H = 18" from drive end with braces
- J = 24" from drive end with braces
- K = 30" from drive end with braces
- M = 36" from drive end with braces

Pulley Type:

- 1 = Standard Idler Pulley

Length: 036-999

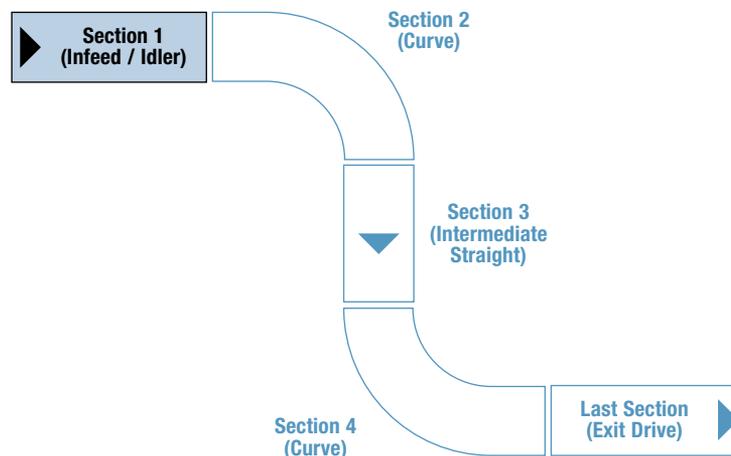
Belt Width: 04-36

Language: M = English

**Example:** 7351M120361B5001MT1

**Description:** AquaGard 7350 Series infeed module for a stainless steel curve conveyor with standard infeed tail, 12" (305mm) nominal width x 3' (914mm) long with low side with keyslot holes profile on the A side, low side profile on the D side and type MT plastic chain. The conveyor is configured to have Dorner stainless steel support stands 12" (305mm) from infeed end. Note: Usable chain width is 11.84" (301mm).

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.



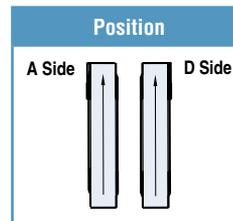
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## 7350 SERIES: CURVE – SECTION 2

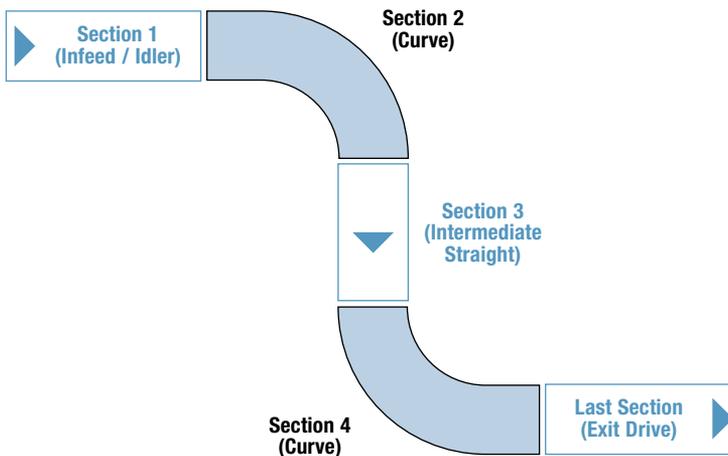
7 3 5 2 M W W D D D P P P B B R 2

- Sequence Number: 2, 4
- Hand: R = Right, L = Left
- Belt Material: MN, MP, etc.
- Profile Curve - D Side (Inside - R, Outside - L):
  - 01 = Lowside
  - 13 = Fully Adjustable Round
  - 14 = Tool-less Fully Adjustable Round
  - 15 = Twin Rail Adjustable Round
  - 16 = Tool-less Twin Rail Adjustable Round
  - 17 = Fully Adjustable 1" Flat
  - 18 = Tool-less Fully Adjustable 1" Flat
  - 50 = Low Side - Key Slot Holes D Side
  - 51 = Low Side - .41 Diameter Holes D Side
- Profile Curve - A Side (Inside - L, Outside - R):
  - 01 = Lowside
  - 13 = Fully Adjustable Round
  - 14 = Tool-less Fully Adjustable Round
  - 15 = Twin Rail Adjustable Round
  - 16 = Tool-less Twin Rail Adjustable Round
  - 17 = Fully Adjustable 1" Flat
  - 18 = Tool-less Fully Adjustable 1" Flat
  - 50 = Low Side - Key Slot Holes D Side
  - 51 = Low Side - .41 Diameter Holes D Side
- Degree of Turn: 045, 090, 135, 180
- Belt Width: 04-36
- Language: M = English



**Example:** 7352M120905001MTL2

**Description:** AquaGard 7350 Series curve module for a stainless steel conveyor, 12" (305mm) nominal width x 90 degree angle at a 23.2" (589mm) radius to the center line of the belt and low side with keyslot holes profile on the A side, low side profile on the D side with type MT (open mesh) acetal plastic chain. Note: Usable chain width is 11.84" (301mm).



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## 7350 SERIES: STRAIGHT INTERMEDIATE – SECTION 3

7 3 5 3 M W W L L L P P P B B 3

Sequence Number: 3

Belt Material: MN, MP, etc.

Profile (D Side):

- 01 = Lowside
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round
- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side

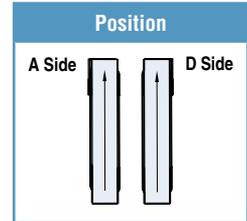
Profile (A Side):

- 01 = Lowside
- 13 = Fully Adjustable Round
- 14 = Tool-less Fully Adjustable Round
- 15 = Twin Rail Adjustable Round
- 16 = Tool-less Twin Rail Adjustable Round

Length: 036-999

Belt Width: 04-36

Language: M = English

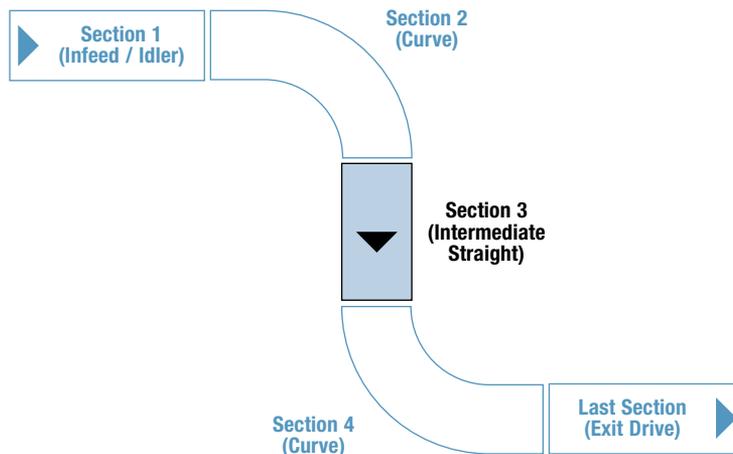


- 17 = Fully Adjustable 1" Flat
- 18 = Tool-less Fully Adjustable 1" Flat
- 50 = Low Side - Key Slot Holes D Side
- 51 = Low Side - .41 Diameter Holes D Side

**Example:** 7353M120365001MT3

**Description:** AquaGard 7350 Series mid module for a stainless steel curve conveyor, 12" (305mm) nominal width x 3' (914mm) long with low side with keyslot holes profile on the A side, low side profile on the D side and type MT plastic chain. Note: Usable chain width is 11.84" (301mm).

Conveyor sections longer than 11' (3353mm) are constructed using a multiple piece frame. It is recommended that each frame joint be supported by a support stand or other means. If support stand location is a concern, please consult factory for support locations.



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## 7350 SERIES: STRAIGHT EXIT / DRIVE – LAST SECTION

7 3 5 4 M WW LLL D A SS PP PP BB 4

Sequence Number: 3, 5

Belt Material: MN, MP, etc.

Profile (D Side):

01 = Lowside

13 = Fully Adjustable Round

14 = Tool-less Fully Adjustable Round

15 = Twin Rail Adjustable Round

16 = Tool-less Twin Rail Adjustable Round

17 = Fully Adjustable 1" Flat

18 = Tool-less Fully Adjustable 1" Flat

50 = Low Side - Key Slot Holes D Side

51 = Low Side - .41 Diameter Holes D Side

Profile (A Side):

01 = Lowside

13 = Fully Adjustable Round

14 = Tool-less Fully Adjustable Round

15 = Twin Rail Adjustable Round

16 = Tool-less Twin Rail Adjustable Round

17 = Fully Adjustable 1" Flat

18 = Tool-less Fully Adjustable 1" Flat

50 = Low Side - Key Slot Holes D Side

51 = Low Side - .41 Diameter Holes D Side

Discharge Stand Location:

A = no stand mounting holes

B = 12" from drive end

C = 18" from drive end

D = 24" from drive end

G = 12" from drive end with braces

H = 18" from drive end with braces

J = 24" from drive end with braces

Drive Position: A or D

Pulley Type:

1 = Standard Idler Pulley

2 = Standard Side Drive

3 = Bottom Drive Tail w/ Dual Output Shaft

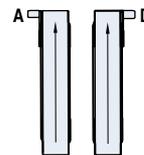
4 = Side Drive Tail w/ Dual Output Shaft

Length: 036-999

Belt Width: 04-36

Language: M = English, U = CE English

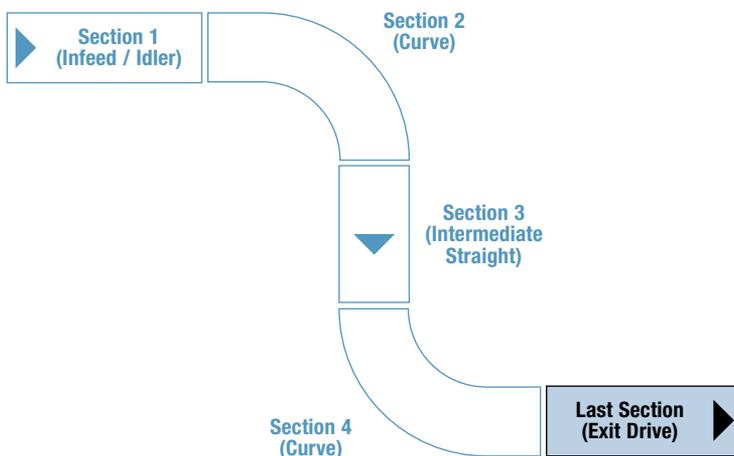
### Drive Shaft Position



**Example:** 7354M120483AB5001MT5

**Description:** AquaGard 7350 Series discharge module for a stainless steel curve conveyor with auxiliary shaft bottom drive tail in position A, 12" (305mm) nominal width x 4' (1219mm) long with low side with keyslot holes profile on the A side, low side profile on the D side and type MT plastic chain. The conveyor is configured to have Dorner stainless steel support stands 12" (305mm) from discharge end. Note: Usable chain width is 11.84" (301mm).

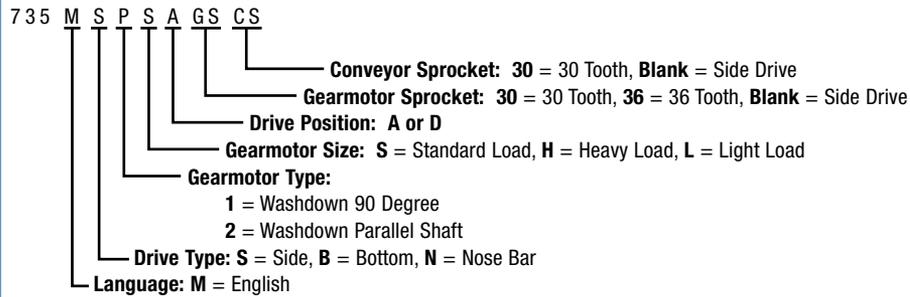
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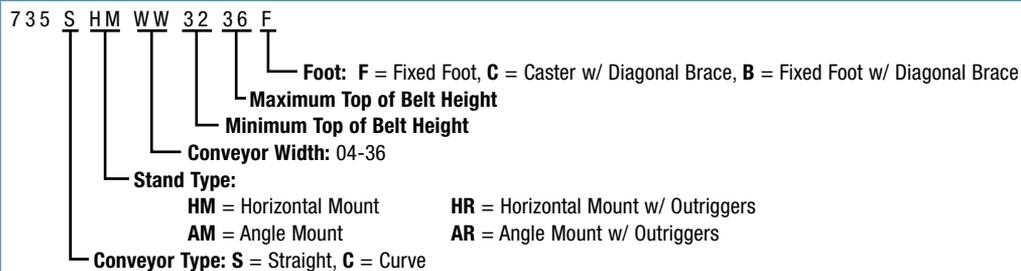
## 7350 SERIES: GEARMOTOR MOUNT PACKAGES



**Example:** 735MS1SD

**Description:** AquaGard 7350 Series side mounting package for a 90 degree FDA painted gearmotor mounted in the D position.

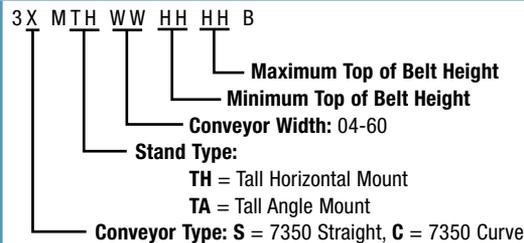
## 7350 SERIES: SUPPORT STANDS



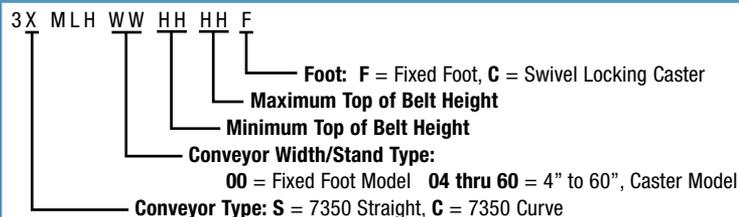
**Example:** 735SAR123438C

**Description:** AquaGard 7350 Series 0 to 60 degree angle direct mounting outrigger stainless steel support stand for a 12" (305mm) wide 7350 series conveyor, adjustable height from 34" to 38" (864mm - 965mm) top of belt with total locking casters. This stand consists of stainless welded open channel construction and requires one 39MB-220 diagonal brace. Required stand height is 36.5" (926mm) and is stand number 1 from infeed end. Uncrated weight = 21 lbs. (9.5 kg).

## 7350 SERIES: TALL SUPPORT STANDS



## 7350 SERIES: LOW HEIGHT SUPPORT STANDS



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