AQUAGARD® SERIES

7360 SANITARY CONVEYORS
STAINLESS STEEL

General Specifications:

- Flat and Cleated Belt
- Z-Frame Flat and Cleated Belt
- Belt widths: 4” (102 mm) to 52” (1,321 mm)
- Lengths: 36” (914 mm) to 83’ (25,298 mm)
- Load Capacity: up to 500 lbs (227 kg)
- CE models available

Applications:

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

V-Guided
Belt Tracking

1" Nose Bar
Tail

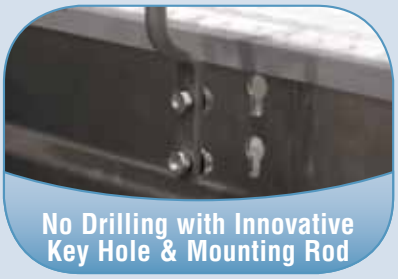
No Drilling with
Innovative Key Hole
& Mounting Rod

Improve your bottom line results with industry leading speeds, best in class product transfers, and ease of automation.

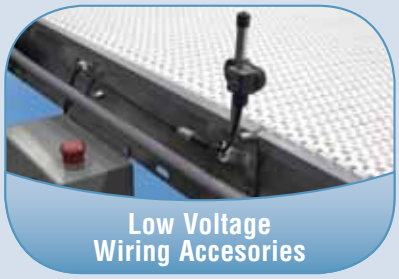
Dorner's AquaGard is ready for your next product Move!

Tailor Fit Accessories for Your Needs

Ease of Automation & Guiding



No Drilling with Innovative Key Hole & Mounting Rod



Low Voltage Wiring Accesories

Accessory Bar for Mounting Multiple Accessories

Fully Adjustable Single Rail

Fully Adjustable Twin Rail

High Side Guide

Maximum Flexibility

- Straights & 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


Snap in Hard Anodized Aluminum Bed Rails

Increase Throughput

- Speeds up to 300 feet per minute
- V-Guided Belt Tracking
- 1” Nose Bar Tails
- Powered Transfer


TIG Welded Stainless Steel Open Frame Design

Reduce Product Loss

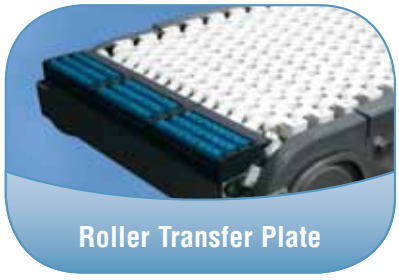
- 1” Nose Bar Tails for small part transfer
- Powered Transfer for maintaining speeds through transfer
- Roller transfer plate for smooth product transfer in minimal added length


V-Guided Belt Tracking


1” Nose Bar Tail

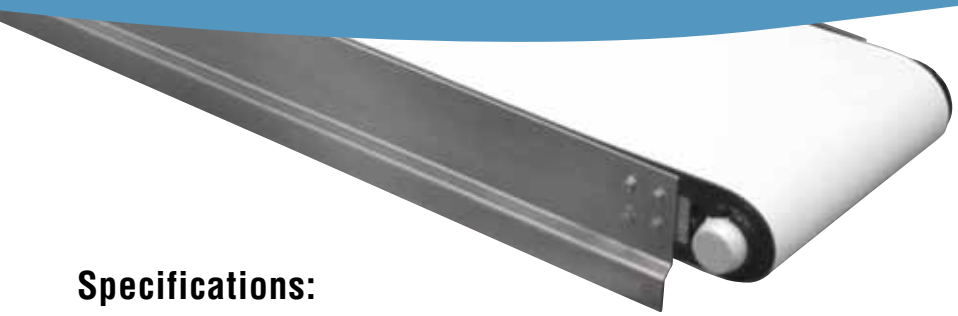

Tip-Up Tail


Powered Transfer


Roller Transfer Plate


Formed Angle TIG Welded Stand

AquaGard® 7360 SERIES: FLAT & CLEATED BELT END DRIVE



Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 4" (102 mm) to 52" (1,321 mm)
- Total lengths: 3' (914 mm) up to 40' (12,192 mm)
- Cleats available in 1" and 3" heights
- Wearstrip material is hard coat anodized aluminum
- One revolution of the drive pulley moves the belt approximately 11"
- 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
- Hard coat anodized aluminum 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
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- The center drive (optional) allows additional clearance on ends when needed
- Nose bar idler tail (optional) has 1" diameter pulley 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

V-Guided Belt Tracking

Tip-Up Tail

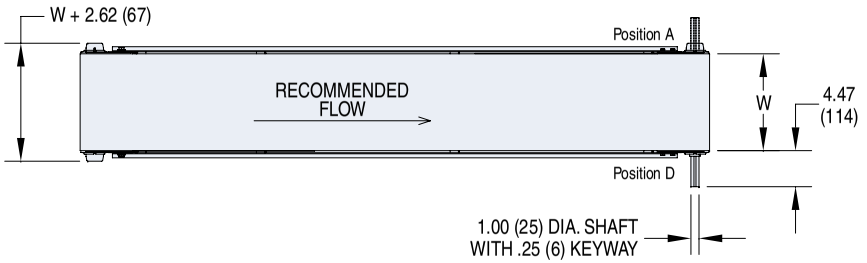
1" Nose Bar Tail

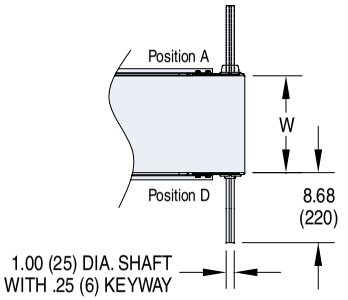
Order gearmotor mounting packages and gearmotors separately, see pages 281-289.
For support stands and accessories, see pages 290-298.

For ordering information, see pages 299 and 300

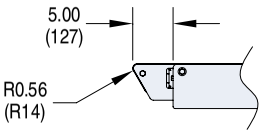
AQUAGARD® 7360 SERIES: FLAT & CLEATED BELT END DRIVE

Flat Belt

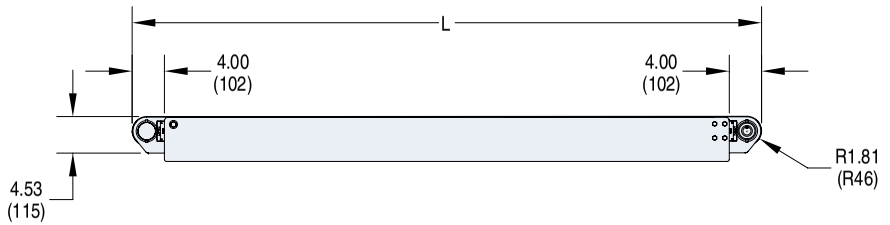


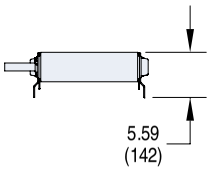


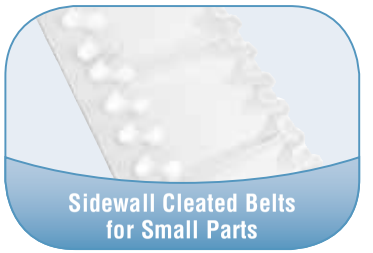
OPTIONAL LONG SHAFT FOR SIDE DRIVE



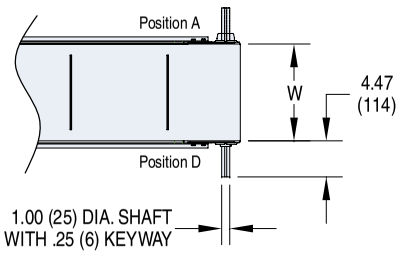
OPTIONAL NOSE BAR TAIL

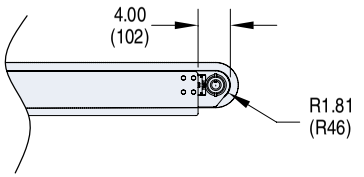


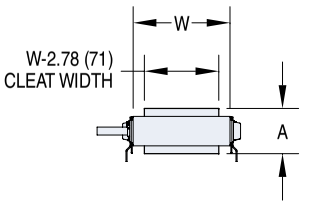




Cleated Belt





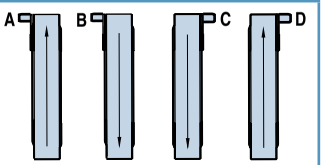


A= 5.60 (142) for A or J cleats
6.17 (157) for B, K, P or S cleats
6.96 (177) for C, L, Q or T cleats
5.03 (128) for G or M cleats
5.39 (137) for N or R cleats

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

STANDARD SIZES			
Conveyor Width Reference	04	02 increments **up to…**	52
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments **up to…**	52" (1,321mm)
Conveyor Length Reference	036	001 increments **up to…**	480
Conveyor Length (L)	36" (914mm)	1" (25mm) increments **up to…**	480" (12,192mm)

Drive Shaft Position



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

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

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

AquaGard® 7360 SERIES: FLAT BELT CENTER DRIVE

Specifications:

- Loads up to 500 lbs (227 kg)
- Belt Speeds up to 300 ft/min (91 m/min)
- Belt Widths: 4" (102mm) to 52" (1,321 mm)
- Lengths: 4' (1,219mm) to 83' (25,298 mm)
- 16" of Belt Take-up
- (2) Methods of Automatic Belt Take-up
  - Pneumatic Cylinder
  - Spring Loaded
- Wearstrip material is Hard Coat Aluminum
- TIG welded 304 stainless steel frames
- One revolution of drive pulleys moves the belt approximately 11"
- FDA approved belting and plastic components
- CE models available

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

OPTIONAL:
Adjustable Scraper

Features & Benefits:

- Automatic belt take-up system adjusts for belt stretch and changing load conditions improving belt life and minimizing maintenance.
- Nosebar tail option is available on both ends of the conveyor for small part transfers
- Lengths to 83' long for product cooling applications
- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum 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
- Spindle has groove for V-guided belt and optimum performance
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max

V-Guided Belt Tracking

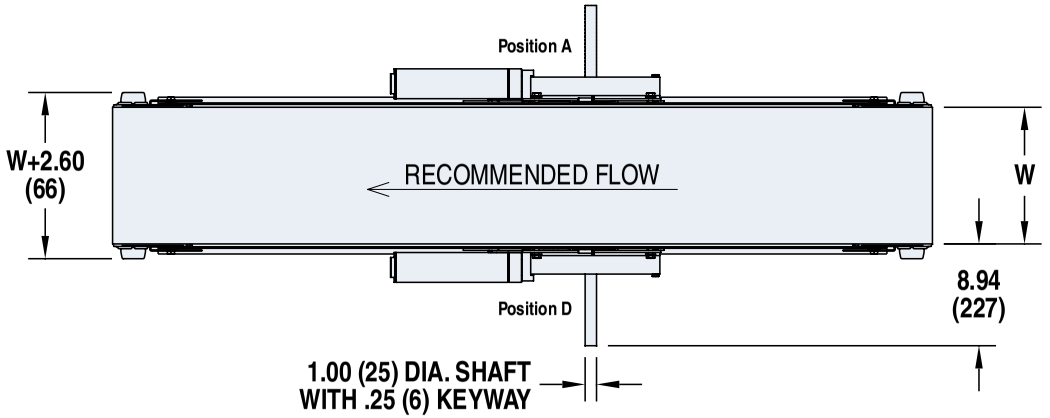
Tip-Up Tail

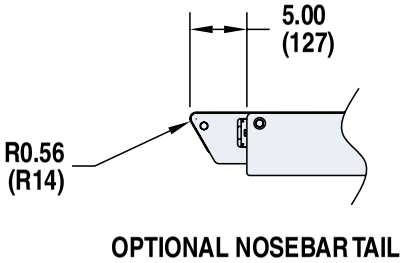
1" Nose Bar Tail

Order gearmotor mounting packages and gearmotors separately, see pages 281-289.
For support stands and accessories, see pages 290-298.

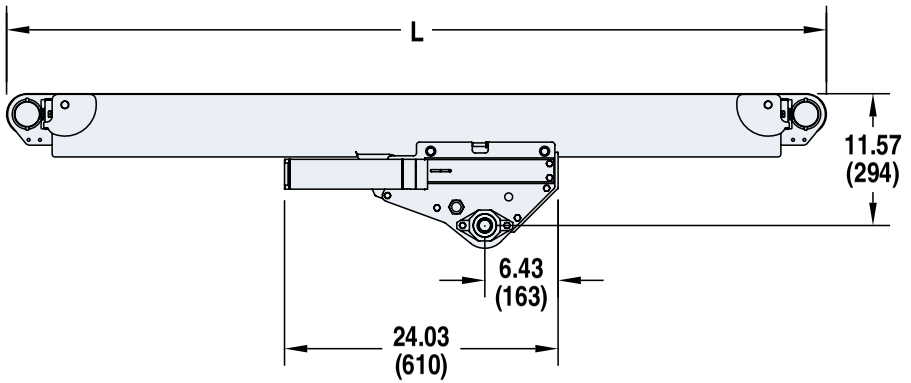
For ordering information, see page 299

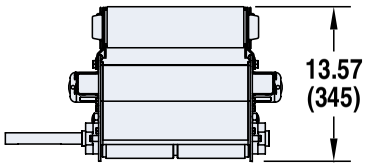
AQUAGARD® 7360 SERIES: FLAT BELT CENTER DRIVE





OPTIONAL NOSEBAR TAIL

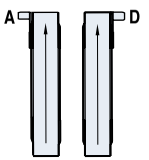




W = Conveyor Belt Width **Dim** = in (mm)

STANDARD SIZES			
Conveyor Width Reference	04	02 increments **up to…**	52
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments **up to…**	52" (1,321mm)
Conveyor Length Reference	048	001 increments **up to…**	999
Conveyor Length (L)	48" (1,219mm)	1" (25mm) increments **up to…**	999" (25,375mm)

Drive Shaft Position



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

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

Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 4" (102 mm) to 24" (610 mm)
- Total lengths up to 40' (12,192 mm)
- 5° to 30° fixed angle modules in 5° increments
- Wearstrip material is hard coat anodized aluminum
- One revolution of the drive pulley moves the belt approximately 11"
- 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.

OPTIONAL:
Adjustable Scraper

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum 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
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- The center drive (optional) allows additional clearance on ends when needed
- Nose bar idler tail (optional) has 1" diameter pulley 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

V-Guided Belt Tracking

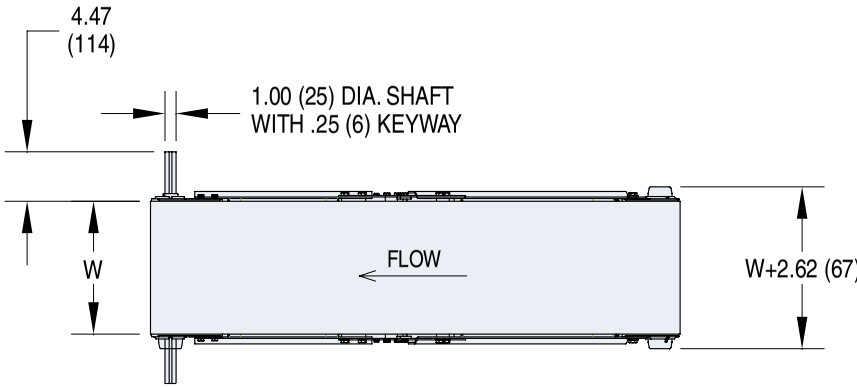
Tip-Up Tail

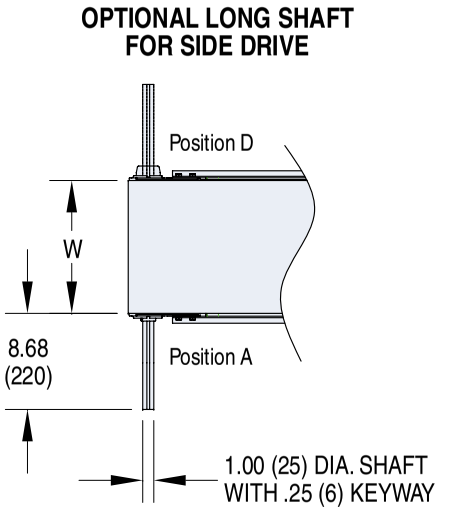
1" Nose Bar Tail

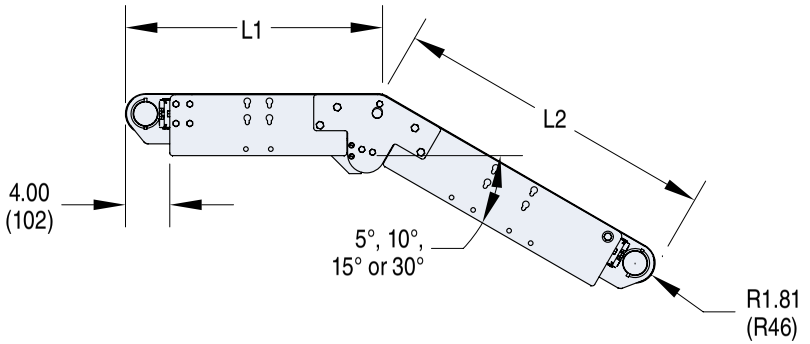
Order gearmotor mounting packages and gearmotors separately, see pages 281-289.
For support stands and accessories, see pages 290-298.

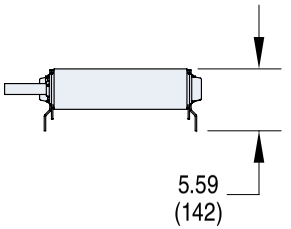
For ordering information, see page 301

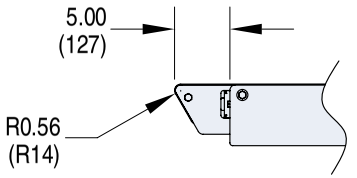
AQUAGARD® 7360 SERIES: Z-FRAME FLAT BELT









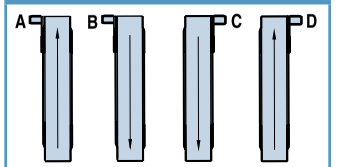


OPTIONAL NOSE BAR TAIL

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

STANDARD SIZES			
Conveyor Width Reference	04	02 increments **up to…**	24
Conveyor Belt Width (W)	4" (102mm)	2" (51mm) increments **up to…**	24" (610mm)
Conveyor Length Reference	024	001 increments **up to…**	480
Conveyor Length (L_1, L_2)	24" (610mm)	1" (25mm) increments **up to…**	480" (12,192mm)

Drive Shaft Position



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

Z-Frame Configuration

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

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

Specifications:

- Loads up to 500 lbs (227 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 6" (152 mm) to 24" (610 mm)
- Total lengths up to 40' (12,192 mm)
- 30° to 60° fixed angle modules available in 5° increments
- Wearstrip material is hard coat anodized aluminum
- One revolution of the drive pulley moves the belt approximately 11"
- 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.

Sidewall Cleated Belts for Small Parts

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum 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
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max

OPTIONAL: V-Guided Belt Tracking

High Side Guides

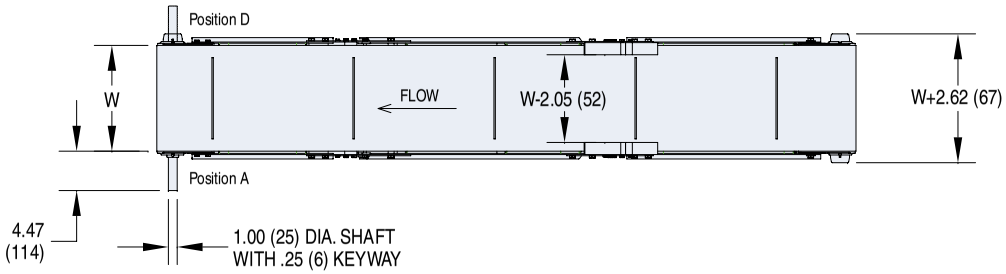
OPTIONAL: Tip-Up Tail

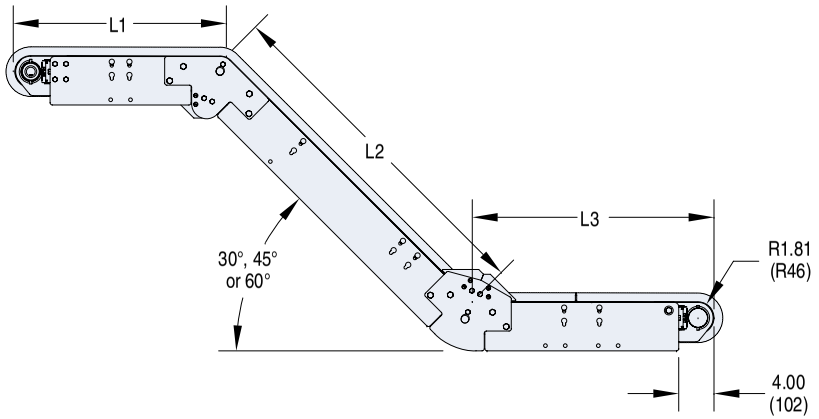
Z-Frame Configurations

Order gearmotor mounting packages and gearmotors separately, see pages 281-289.
For support stands and accessories, see pages 290-298.

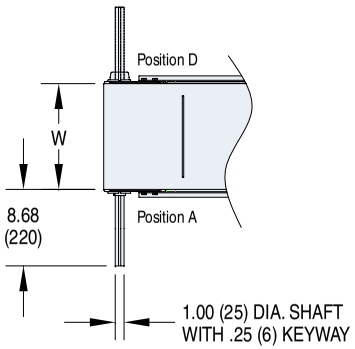
For ordering information, see page 302

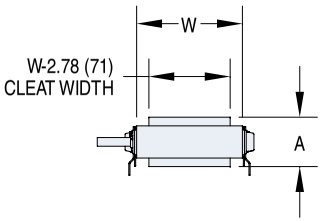
AQUAGARD® 7360 SERIES: Z-FRAME CLEATED BELT



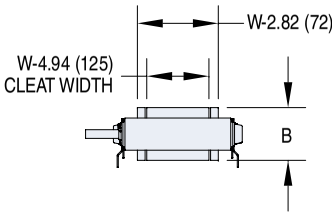


OPTIONAL LONG SHAFT FOR SIDE DRIVE





A= 5.60 (142) for A or J cleats
6.17 (157) for B, K, P or S cleats
6.96 (177) for C, L, Q or T cleats
5.03 (128) for G or M cleats
5.39 (137) for N or R cleats



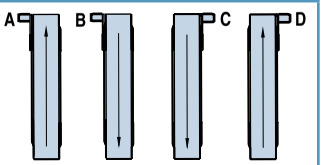
SIDEWALL CLEATED BELT

B= 5.78 (147) for W or Y cleats
6.57 (167) for X or Z cleats

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…**	480
Conveyor Length (L_1, L_2, L_3)	24" (610mm)	1" (25mm) increments **up to…**	480" (12,192mm)

Drive Shaft Position

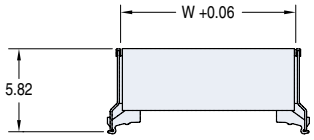


Since belts are being pulled, positions A & D are preferred. Pushing belts (B & C) reduce conveyor load capacity by approximately 66%.

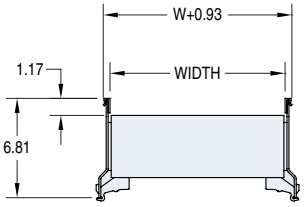
For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600.

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

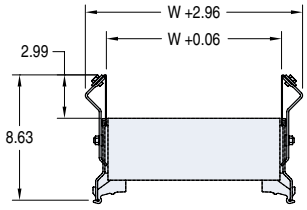
FLAT PROFILES



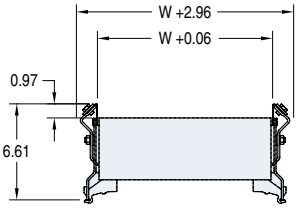
01
Low Side



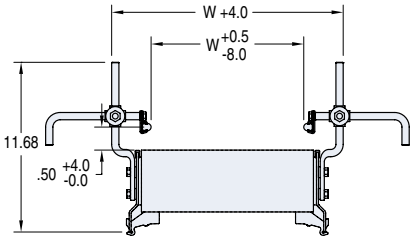
02
Integral High Side



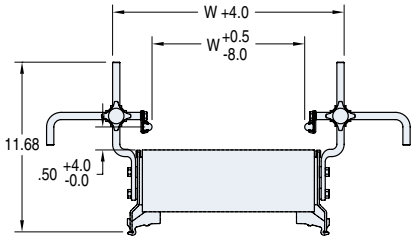
04
3" Bolt-On High SIde



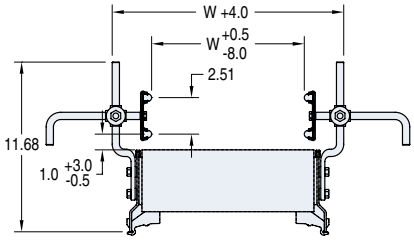
05
1" Bolt-On High SIde



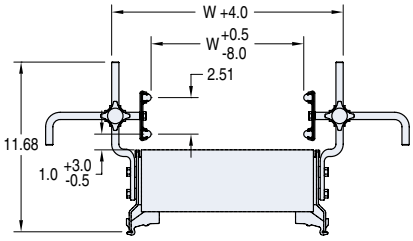
13
Fully Adjustable Round



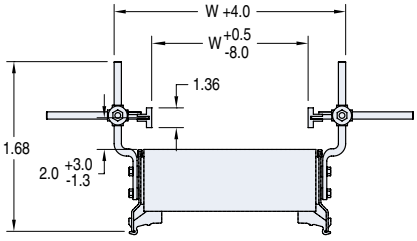
14
Fully Adjustable Round
w/ Tool-less Handles



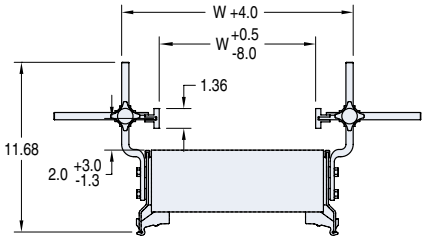
15
Fully Adjustable Twin Rail



16
Fully Adjustable Twin Rail
w/ Tool-less Handles



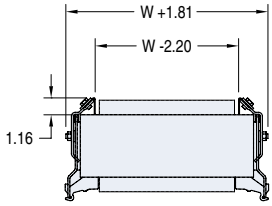
17
Fully Adjustable Flat



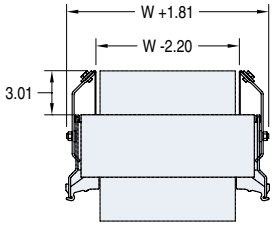
18
Fully Adjustable Flat
w/ Tool-less Handles

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.

Wet applications are limited to specialty belt types 54, 55, 69 and 70 only (see next page)!

Standard Belt Selection Guide

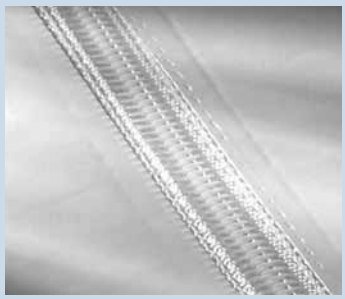
Standard belt material is stocked at Dorner, then cut & spliced at the factory for fast conveyor shipment.

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper**	Belt Specifications	Thickness	Surface Material	Carcass Material	Maximum Part Temp.	Coefficient of Friction	FDA Approved	Anti-Static	Static Conductive	Chemical Resistant	Special Characteristics or Applications
01	**A1**	**1A**	FDA Accumulation	0.063" (1.6)	Urethane	Polyester	176˚F (80˚C)	Low	x	x		Good	Packaging, clean room & inspection
02	**A2**	**2A**	General Purpose	0.071" (1.8)	Urethane	Polyester	212˚F (100˚C)	Med	x	x		Good	Most versatile belt offering
03	**A3**	**3A**	FDA High Friction	0.063" (1.6)	Urethane	Polyester	176˚F (80˚C)	High	x	x		Good	Packaging, clean room & inspection
05	**A5**	**5A**	Accumulation	0.047" (1.2)	Urethane	Polyester	212˚F (100˚C)	V-Low	x	x		Good	Accumulation of products
06	**A6**	**6A**	Electrically Conductive	0.063" (1.6)	Urethane	Polyester	176˚F (80˚C)	Low		x	x	Good	Electronics Handling
08	**A8**	**8A**	High Friction	0.083" (2.1)	PVC	Polyester	158˚F (70˚C)	V-High		x		Poor	Conveys up to 35˚ inclines*
09			Nose Bar High Friction	0.055 (1.4)	Urethane	Polyester	212˚F (100˚C)	High	x			Good	Nose Bar Applications

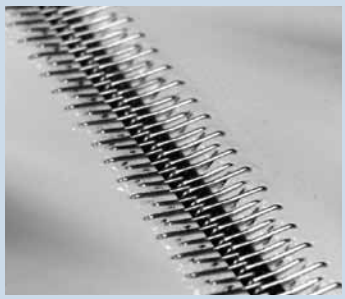
Dim = in (mm)
Note: See below for splice details. Plastic Clipper splice requires longer lead times. No Metal Clipper Splice on belts over 48" (1,219 mm) wide.
*Incline varies due to factors like dust, fluids and part material. **Metal Clipper splices are not sanitary.

BELT SPLICING

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



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



Metal Clipper***
An optional metal clipper splice is also available for quick removal of belts or when conveyors are installed in tight spaces. *(Not Sanitary)*

*** See belt charts for compatibility. Not for use with 7360 Series belt scraper option. Plastic and Metal Clippers are slightly thicker than base belt. Contact factory for details.*

Wet applications are limited to specialty belt types 54, 55, 69 and 70 only!

Solid Urethane belt for added sanitary protection – See belt type 70 below

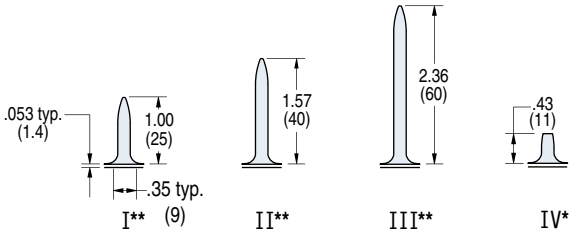
High Release Cover belt for handling sticky food such as raw dough – See belt type 71 below

Specialty Belt Selection Guide

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

Belt Type - Finger Splice	Belt Type - Plastic Clipper	Belt Type - Metal Clipper**	Belt Specifications	Belt Thickness	Surface Material	Maximum Part Temp.	Coefficient of Friction	FDA Approved	Chemical Resistance	Moisture Resistance	Special Characteristics or Applications
54	F4	4F	FDA Sealed Edge	0.06 (1.5)	Urethane	176˚F (80˚C)	Low	x	Good	Good	Packaging, clean room & inspection, wet environment
55	F5	5F	FDA Sealed Edge	0.06 (1.5)	Urethane	176˚F (80˚C)	High	x	Good	Good	Packaging, clean room & inspection, wet environment
56		6F	Cut Resistant	0.08 (2.1)	Urethane	212˚F (100˚C)	Med.		Good	Poor	Oily product release, Metal stamping
57		7F	Cut Resistant	0.10 (2.5)	Nitrile	176˚F (80˚C)	Med.		Poor	Poor	Felt-like, dry metal stamping, glass & ceramic
59	F9	9F	Color Contrasting	0.06 (1.5)	PVC	158˚F (70˚C)	Med.		Poor	Poor	Black colored, hides overspray from ink jet
60	G0	0G	Color Contrasting	0.05 (1.2)	Urethane	212˚F (100˚C)	Low	x	Good	Poor	Green colored, Nose Bar
61	G1	1G	Color Contrasting	0.05 (1.2)	Urethane	212˚F (100˚C)	Low	x	Good	Poor	Blue colored, Nose Bar
63		3G	Electrically Conductive	0.05 (1.2)	Urethane	140˚F (60˚C)	Low		Good	Poor	Static conductive, electronics handling
64		4G	High Friction	0.17 (4.4)	PVC	194˚F (90˚C)	V-High		Poor	Poor	Dark Green colored, rough top surface, product cushioning, incline / decline apps
66		6G	Chemical Resistant	0.07 (1.7)	Polyester	212˚F (100˚C)	Med.	x	V-Good	Poor	Good Cut resistance, metal stamping apps
67		7G	Low Friction Cleated	0.06 (1.6)	Polyester	212˚F (100˚C)	n/a	x	Good	Poor	Excellent product release, consult factory for part number and how to specify low friction
68	G8		FDA Encased*	0.08 (2.0)	Urethane	212˚F (100˚C)	Low	x	Good	V-Good	Urethane Enclosed for added sanitary protection
69	G9		FDA Encased*	0.08 (2.0)	Urethane	212˚F (100˚C)	High	x	Good	V-Good	Urethane Enclosed for added sanitary protection
70			Solid Urethane	0.10 (2.5)	Urethane	212˚F (100˚C)	Med.	x	Good	V-Good	USDA Approved, wet applications
71			High Release Cover	0.07 (1.7)	Urethane	212˚F (100˚C)	Low	x	Good	Poor	Raw dough or sticky food product
72			Nose Bar Low Friction	0.05 (1.2)	Urethane	212˚F (100˚C)	Low	x	Good	Poor	Nose Bar Applications

Dim = in (mm)
No Metal Clipper Splice on belts over 48" (1,219 mm) wide.
* Not available in 2" (51 mm) wide. **Metal Clipper splices are not sanitary.



*** = Maximum 7' conveyor length for 18" and wider conveyors**

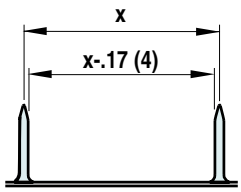
**** = Maximum 20" (508 mm) cleat spacing for 7' and longer conveyors**

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

Standard Cleated Belting

Part No.	Base Belt	Belt Thickness, in (mm)	Belt Surface Material	Cleat Height, in (mm)	Cleat Material	Max. Part Temp.	FDA Approved	Chemical Resistance	Moisture Resistance	Illustration
A	High Friction	0.055 (1.4)	Urethane	1.00 (25)	Urethane	176˚F (80˚C)	Yes	Good	Poor	I
B	High Friction	0.055 (1.4)	Urethane	1.57 (40)	Urethane	176˚F (80˚C)	Yes	Good	Poor	II
C	High Friction	0.055 (1.4)	Urethane	2.36 (60)	Urethane	176˚F (80˚C)	Yes	Good	Poor	III
G	High Friction	0.055 (1.4)	Urethane	0.43 (11)	Urethane	176˚F (80˚C)	Yes	Good	Poor	IV
J	Low Friction	0.06 (1.6)	Urethane	1.00 (25)	Urethane	212˚F (100˚C)	Yes	Good	Poor	I
K	Low Friction	0.06 (1.6)	Urethane	1.57 (40)	Urethane	212˚F (100˚C)	Yes	Good	Poor	II
L	Low Friction	0.06 (1.6)	Urethane	2.36 (60)	Urethane	212˚F (100˚C)	Yes	Good	Poor	III
M	Low Friction	0.06 (1.6)	Urethane	0.43 (11)	Urethane	212˚F (100˚C)	Yes	Good	Poor	IV

CLEAT SPACING



Tolerance ± .08 (2)

Steps:

1) Refer to Formulas below

2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down

3) Use formula 2 to get the cleat space reference for the conveyor part number

Formula 1

$$\text{Number of Cleats} = \frac{\text{(Conveyor Length in feet x 24) + 4.13}}{\text{Desired cleat spacing in inches (x)}}$$

Example

Using a 6' long conveyor and 6" cleat spacing

$$\text{Number of Cleats} = \frac{(6 \times 24) + 4.13}{6} = \frac{148}{6} = \textbf{25 Cleats (rounded)}$$

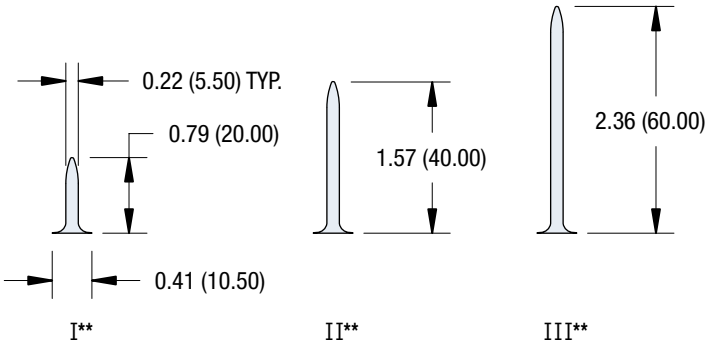
Formula 2

$$\text{Cleat Space Reference (x)} = \frac{\text{(Conveyor Length in feet x 24) + 4.13}}{\text{Number of Cleats from Formula 1}}$$

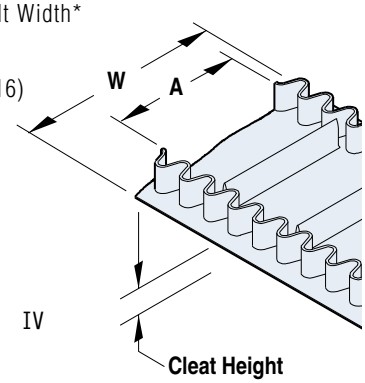
Example

Using a 6' long conveyor and 24 cleats

$$\text{Cleat Spacing in inches (x)} = \frac{(6 \times 24) + 4.13}{25 \text{ cleats}} = \frac{148}{25} = 5.92 \text{ or } \textbf{0592 Cleat Reference}$$



W = Conveyor Belt Width*
A = Pocket Width
A = **W** - 4.57" (116)

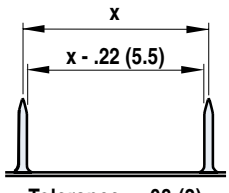


*** = Maximum 7' conveyor length for 18" and wider conveyors**
**** = Maximum 20" (508 mm) cleat spacing for 7' and longer conveyors**
Note: Minimum cleat spacing is approximately 2" (50 mm). Consult Factory.

Specialty Cleated Belting

	Part No.	Base Belt	Belt Thickness, in (mm)	Belt Surface Material	Cleat Height, in (mm)	Cleat Material	Max. Part Temp.	FDA Approved	Chemical Resistance	Moisture Resistance	Illustration
Cleated	N	Sealed Edge	0.06 (1.5)	Urethane	0.79 (20)	Urethane	176˚F (80˚C)	Yes	Good	Good	I
	P	Sealed Edge	0.06 (1.5)	Urethane	1.57 (40)	Urethane	176˚F (80˚C)	Yes	Good	Good	II
	Q	Sealed Edge	0.06 (1.5)	Urethane	2.36 (60)	Urethane	176˚F (80˚C)	Yes	Good	Good	III
	R	Encased	0.08 (2.0)	Urethane	0.79 (20)	Urethane	212˚F (100˚C)	Yes	Good	Very Good	I
	S	Encased	0.08 (2.0)	Urethane	1.57 (40)	Urethane	212˚F (100˚C)	Yes	Good	Very Good	II
	T	Encased	0.08 (2.0)	Urethane	2.36 (60)	Urethane	212˚F (100˚C)	Yes	Good	Very Good	III
Sidewall Cleated	U	Standard	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176˚F (80˚C)	Yes	Good	Poor	IV
	V	Standard	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176˚F (80˚C)	Yes	Good	Poor	IV
	W	Sealed Edge	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176˚F (80˚C)	Yes	Good	Good	IV
	X	Sealed Edge	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176˚F (80˚C)	Yes	Good	Good	IV
	Y	Encased	0.06 (1.5)	Urethane	1.18 (30)	Urethane	176˚F (80˚C)	Yes	Good	Very Good	IV
	Z	Encased	0.06 (1.5)	Urethane	1.97 (50)	Urethane	176˚F (80˚C)	Yes	Good	Very Good	IV

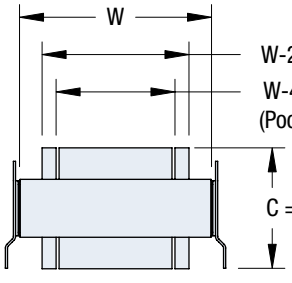
CLEAT SPACING



Tolerance ± .08 (2)

Steps:

1) Refer to 7360 Series Formulas on the previous page.
2) Use formula 1 to determine the approximate number of cleats required based upon the desired cleat spacing. Since a partial cleat cannot be used, round the number of cleats up or down
3) Use formula 2 to get the cleat space reference for the conveyor part number



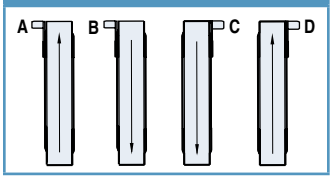
GEARMOTOR MOUNTING PACKAGE & GEARMOTOR SELECTION STEPS

Step 1: Select a **Gearmotor Mounting Package** (page 281).

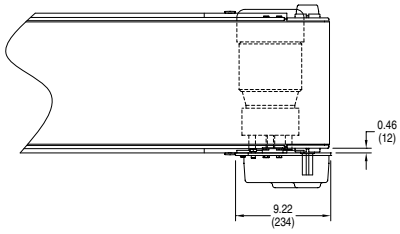
Step 2: Locate the appropriate gearmotor chart (pages 284-288) in terms of **Painted** vs. **Stainless Steel** and **Fixed Speed** vs. **Variable Speed**.

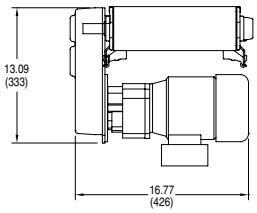
Step 3: Use the **Belt Speed Column** (pages 282-283) to locate the **Part Number** for your desired Gearmotor.

Drive Shaft Position



Bottom Mount Package, Parallel Shaft Gearmotor

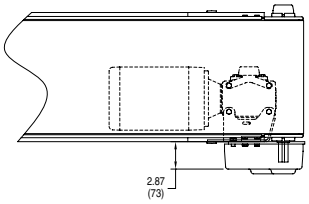


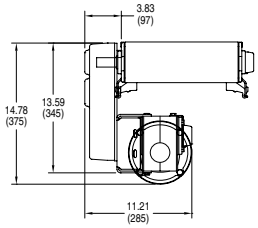


- Includes stainless steel gearmotor mounting bracket, timing belt, plated pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

Bottom Mount Package, 90° Gearmotor

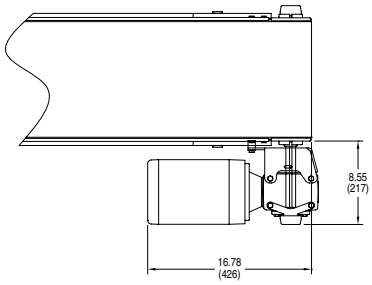


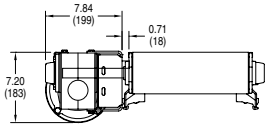


- Includes stainless steel gearmotor mounting bracket, timing belt, plated pulleys, guard and mounting hardware
- Conveyor belt speed can be adjusted with optional ratio pulley kits

W = Conveyor Belt Width

Side Mount Package, 90° Gearmotor



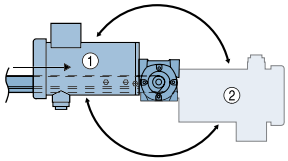


- Includes stainless steel gearmotor bracket and mounting hardware

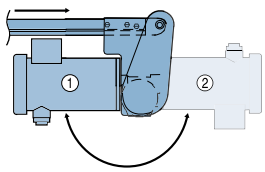
W = Conveyor Belt Width

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)

For ordering information, see page 303

Parallel Shaft Gearmotor

Fixed Speed

Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	M/min		Bottom	Side	Drive Pulley	Driven Pulley	
20	6.1	21	x		30	30	**1**
23	7.0	21	x		36	30	**1**
29	8.8	31	x		30	30	**1**
35	10.7	31	x		36	30	**1**
47	14.3	50	x		30	30	**1**
56	17.1	50	x		36	30	**1**
78	23.8	84	x		30	30	**1**
94	28.7	84	x		36	30	**1**
114	34.7	122	x		30	30	**1**
136	41.5	122	x		36	30	**1**
158	48.2	170	x		30	30	**1**
177	53.9	190	x		36	30	**1**
190	57.9	170	x		30	30	**1**
213	64.9	190	x		36	30	**1**
241	73.5	258	x		30	30	**1**
289	88.1	258	x		36	30	**1**
CE Gearmotor RPM at 50 Hz.							
16	4.9	17	x		30	30	**2**
19	5.8	17	x		36	30	**2**
34	10.4	36	x		30	30	**2**
40	12.2	36	x		36	30	**2**
45	13.7	48	x		30	30	**2**
54	16.5	48	x		36	30	**2**
69	21.0	74	x		30	30	**2**
83	25.3	74	x		36	30	**2**
82	25.0	88	x		30	30	**2**
98	29.9	88	x		36	30	**2**
118	36.0	127	x		30	30	**2**
142	43.3	127	x		36	30	**2**
147	44.8	158	x		30	30	**2**
177	53.9	158	x		36	30	**2**
181	55.2	194	x		30	30	**2**
217	66.1	194	x		36	30	**2**

Variable Speed

Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	M/min		Bottom	Side	Drive Pulley	Driven Pulley	
4 - 20	1.2 - 6.1	21	x		30	30	**6**
5 - 23	1.4 - 7.0	21	x		36	30	**6**
6 - 29	1.8 - 8.8	31	x		30	30	**6**
7 - 35	2.1 - 10.7	31	x		36	30	**6**
9 - 47	2.9 - 14.3	50	x		30	30	**6**
11 - 56	3.4 - 17.1	50	x		36	30	**6**
16 - 78	4.8 - 23.8	84	x		30	30	**6**
19 - 94	5.7 - 28.7	84	x		36	30	**6**
23 - 114	6.9 - 34.7	122	x		30	30	**6**
27 - 136	8.3 - 41.5	122	x		36	30	**6**
32 - 158	9.6 - 48.2	170	x		30	30	**6**
35 - 177	10.8 - 53.9	190	x		36	30	**6**
38 - 190	11.6 - 57.9	170	x		30	30	**6**
43 - 213	13.0 - 64.9	190	x		36	30	**6**
48 - 241	14.7 - 73.5	258	x		30	30	**6**
58 - 289	17.6 - 88.1	258	x		36	30	**6**
CE RPM from 50 Hz. gearmotors. VFD drive at 63 max. Hz. output.							
4 - 27	2.6 - 5.2	17	x		30	30	**7**
5 - 33	3.1 - 6.2	17	x		36	30	**7**
9 - 58	5.5 - 11.0	36	x		30	30	**7**
10 - 69	6.6 - 13.2	36	x		36	30	**7**
12 - 77	7.3 - 14.6	48	x		30	30	**7**
14 - 92	8.8 - 17.6	48	x		36	30	**7**
18 - 118	11.3 - 22.6	74	x		30	30	**7**
21 - 142	13.5 - 27.1	74	x		36	30	**7**
21 - 141	13.4 - 26.8	88	x		30	30	**7**
25 - 169	16.1 - 32.2	88	x		36	30	**7**
30 - 203	19.4 - 38.7	127	x		30	30	**7**
37 - 244	23.2 - 46.5	127	x		36	30	**7**
38 - 253	24.1 - 48.2	158	x		30	30	**7**

Washdown 90° Gearmotor

Fixed Speed

Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
21	6.4	22	x	x	30	30	**3, 4**
25	7.6	22	x		36	30	**3, 4**
27	8.2	29	x	x	30	30	**3, 4**
32	9.8	29	x		36	30	**3, 4**
41	12.5	44	x	x	30	30	**3, 4**
49	14.9	44	x		36	30	**3, 4**
54	16.5	58	x	x	30	30	**3, 4**
65	19.8	58	x		36	30	**3, 4**
81	24.7	87	x	x	30	30	**3, 4**
97	29.6	87	x		36	30	**3, 4**
109	33.2	117	x	x	30	30	**3, 4**
131	39.9	117	x		36	30	**3, 4**
163	49.7	175	x	x	30	30	**3, 4**
196	59.7	175	x		36	30	**3, 4**
217	66.1	233	x	x	30	30	**3, 4**
261	79.6	233	x		36	30	**3, 4**
CE Gearmotor RPM at 50 Hz.							
21	6.4	23		x			**5**
43	13.1	46		x			**5**
51	15.5	55		x			**5**
87	26.5	93		x			**5**
131	39.9	140		x			**5**
173	52.7	186		x			**5**

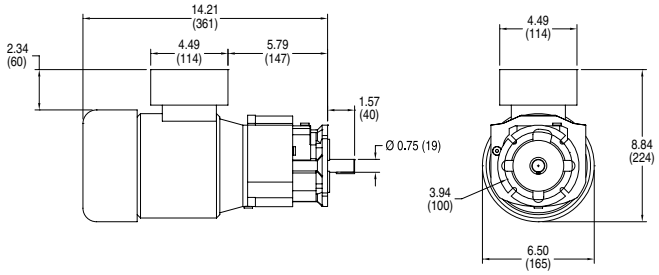
Variable Speed

Belt Speed		RPM From Gearmotor	Mount Package		Pulley Kit		Gearmotor Chart
Ft/min	m/min		Bottom	Side	Drive Pulley	Driven Pulley	
2 - 21	0.6 - 6.4	22	x	x	30	30	**8, 9**
3 - 25	0.8 - 7.6	22	x		36	30	**8, 9**
3 - 27	0.8 - 8.2	29	x	x	30	30	**8, 9**
3 - 32	1.0 - 9.8	29	x		36	30	**8, 9**
4 - 41	1.3 - 12.5	44	x	x	30	30	**8, 9**
5 - 49	1.5 - 14.9	44	x		36	30	**8, 9**
5 - 54	1.7 - 16.5	58	x	x	30	30	**8, 9**
7 - 65	2.0 - 19.8	58	x		36	30	**8, 9**
8 - 81	2.5 - 24.7	87	x	x	30	30	**8, 9**
10 - 97	3.0 - 29.6	87	x		36	30	**8, 9**
11 - 109	3.3 - 33.2	117	x	x	30	30	**8, 9**
13 - 131	4.0 - 39.9	117	x		36	30	**8, 9**
16 - 163	5.0 - 49.7	175	x	x	30	30	**8, 9**
20 - 196	6.0 - 59.7	175	x		36	30	**8, 9**
22 - 217	6.6 - 66.1	233	x	x	30	30	**8, 9**
26 - 261	8.0 - 79.6	233	x		36	30	**8, 9**
CE RPM from 50 Hz. gearmotors. VFD drive at 80 max. Hz. output.							
4 - 34	1.3 - 10.0	23		x			**10**
9 - 69	2.6 - 21.0	46		x			**10**
10 - 82	3.1 - 25.0	55		x			**10**
17 - 139	5.3 - 42.0	93		x			**10**
26 - 210	8.0 - 64.0	140		x			**10**
35 - 277	10.5 - 84.0	186		x			**10**

STANDARD LOAD, FIXED SPEED

Chart 1 — Parallel Shaft, Painted Gearmotor

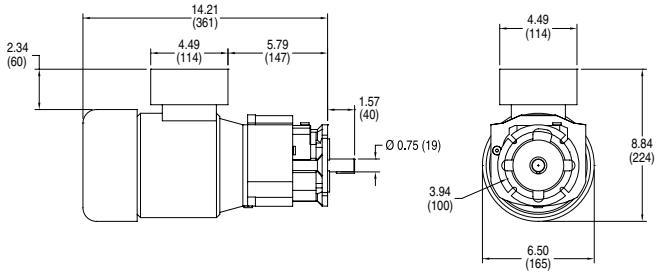
- IEC Framed Motor
- IP 55 Protection Rating
- Sealed Reducer with FDA H1 Lubricant
- FDA Approved Food Grade Paint
- Total Enclosed Fan Cooled
- 230/460 Volts, 3 Phase, 60 Hz
- Order Motor Starter Separately, see page 289



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 289



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.

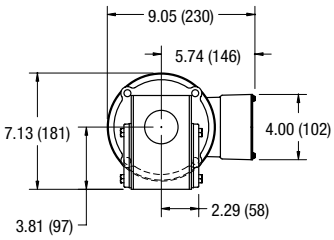
FLA = Full Load Amperes

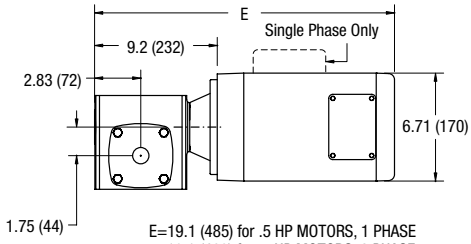
Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

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 289
- 1.0 & 1.5 HP 208-230 / 460 Volts, 3 Phase





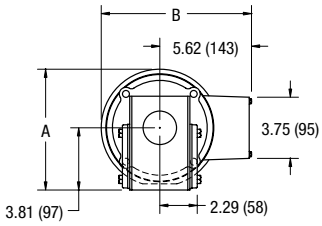
E=19.1 (485) for .5 HP MOTORS, 1 PHASE
18.1 (460) for .5 HP MOTORS, 3 PHASE
19.1 (485) for 1 HP MOTORS
20.0 (508) for 1.5 HP MOTORS

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

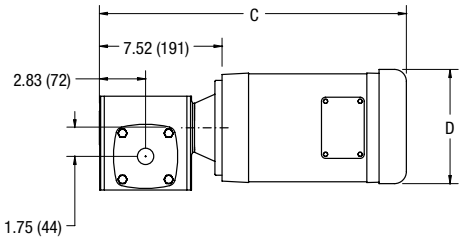
(vp) = voltage and Phase 11 = 115 / 208-230, 1 Phase 23 = 0.5 HP: 230 / 460 Volts, 3 Phase; 1.0 & 1.5 HP: 208-230 / 460 Volts, 3 Phase

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 289
- 0.5 Hp 230 / 460 V, 3 Phase
- 1.0 & 1.5 HP 208-230 / 460 V, 3 Phase



A=7.17 (182) for .5 HP MOTORS
7.39 (188) for 1 & 1.5 HP MOTORS
B=8.97 (228) for .5 HP MOTORS
9.16 (233) for 1 & 1.5 HP MOTORS



C=16.54 (420) for .5 HP MOTORS
19.23 (488) for 1 & 1.5 HP MOTORS
D=6.71 (170) for .5 HP MOTORS
7.16 (182) for 1 & 1.5 HP MOTORS

Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HZS423FN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HZS423FN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HZS423FN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HZS423FN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HZS423FN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	407	46.0
74M015HZS423FN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HZS423FN	175	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	442	49.9
74M007HZS423FN	233	1	1.5	1.11	208-230 / 460	5.8-5.4 / 2.7	360	40.7

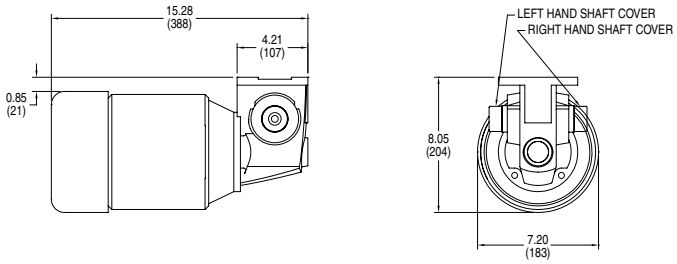
FLA = Full Load Amperes

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 289



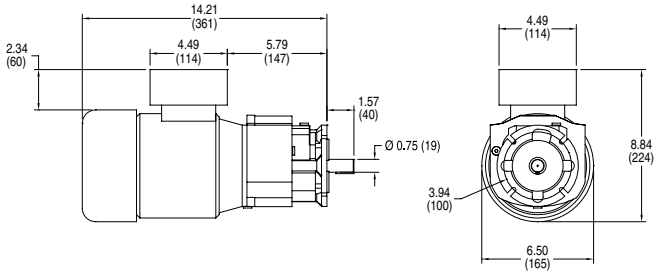
Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U060HS423FN	23	1	0.5	0.37	230 / 400	1.91 / 1.1	716	81
73U030HS423FN	46	1	1.0	0.75	230 / 400	3.65 / 2.1	902	102
73U025HS423FN	55	1	1.0	0.75	230 / 400	3.65 / 2.1	831	94
73U015HS423FN	93	1	1.5	1.12	230 / 400	4.89 / 2.81	787	89
73U010HS423FN	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 289



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

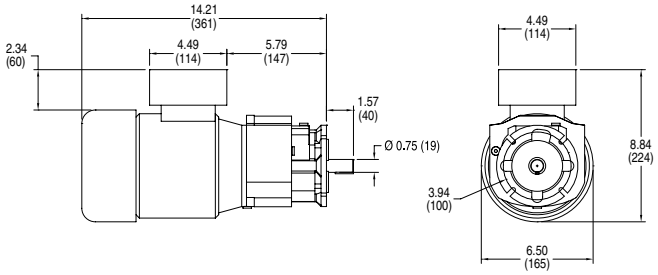
FLA = Full Load Amperes

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 289

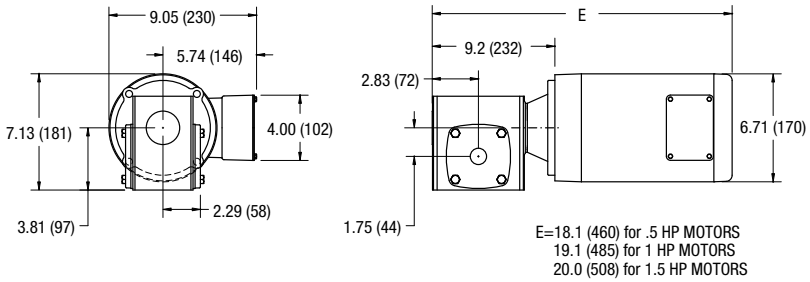


Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
73U081PS423EN	4.1 to 27	2	0.16	0.12	230 / 400	0.96 / 0.55	389	44
73U039PS423EN	8.6 to 58	2	0.5	0.37	230 / 400	1.9 / 1.09	549	62
73U029PS423EN	11.5 to 77	2	0.75	0.56	230 / 400	2.64 / 1.52	620	70
73U019PS423EN	17.8 to 118	2	1.0	0.75	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 289



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

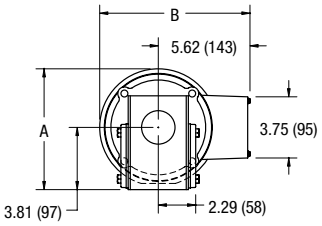
FLA = Full Load Amperes

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

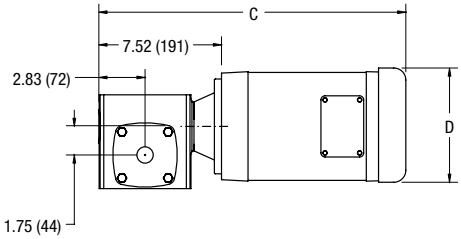
STANDARD LOAD, VARIABLE SPEED

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 289



A=7.17 (182) for .5 HP MOTORS
7.39 (188) for 1 & 1.5 HP MOTORS
B=8.97 (228) for .5 HP MOTORS
9.16 (233) for 1 & 1.5 HP MOTORS

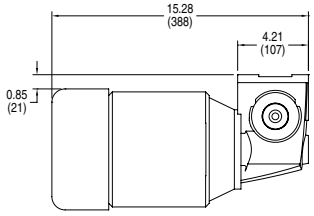


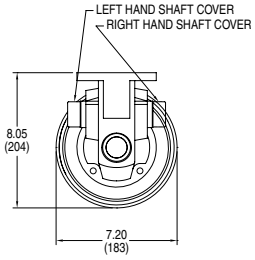
C=16.54 (420) for .5 HP MOTORS
19.23 (488) for 1 & 1.5 HP MOTORS
D=6.71 (170) for .5 HP MOTORS
7.16 (182) for 1 & 1.5 HP MOTORS

Part Number	RPM	Gearmotor Type	3 Phase				in-lbs	Nm
			Hp	kW	Volts	FLA		
74M080HZS423EN	22	1	0.5	0.37	230 / 460	1.6 / 0.8	356	40.2
74M060HZS423EN	29	1	0.5	0.37	230 / 460	1.6 / 0.8	442	49.9
74M040HZS423EN	44	1	0.5	0.37	230 / 460	1.6 / 0.8	486	54.9
74M030HZS423EN	58	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M020HZS423EN	87	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	487	55.0
74M015HZS423EN	117	1	1.0	0.74	208-230 / 460	3.2-3.0 / 1.5	470	53.1
74M010HZS423EN	175	1	1.5	1.11	208-230 / 460	5.3-5.4 / 2.7	442	49.9
74M007HZS423EN	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 289





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.

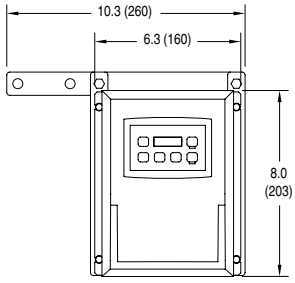
FLA = Full Load Amperes

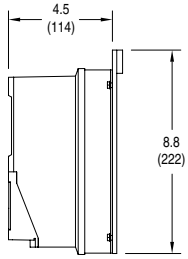
Some motors and gear reducers may normally operate hot to the touch. Consult factory for specific operating temperatures. Note: Dimensions = in (mm)

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



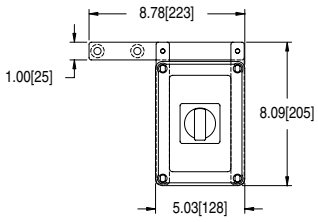


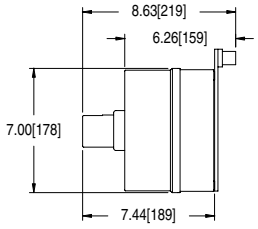
Part Number	Input			Output		Max Hp	Max Amps	A (width)	B (depth)
	Volts	Phase	Hz	Volts	Phase				
74MV1122S	115	1	60	230	3	0.5	2.2	7.9 (200)	3.8 (96)
74MV2322S	230	3	60	230	3	0.5	2.2	6.1 (155)	4.4 (112)
74MV1121S	115	1	60	230	3	1.0	4.0	7.9 (200)	4.9 (124)
74MV2121S	230	1	60	230	3	1.0	4.0	7.9 (200)	4.9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

- For 4" to 36" Widths:
  - All components are stainless steel with a 2B finish
  - Vertical leg is formed sheet metal
- For 38" to 52" widths:
  - All components are stainless steel with #4 finish
  - Vertical leg is a closed 2" square tube
- 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

Illustration I

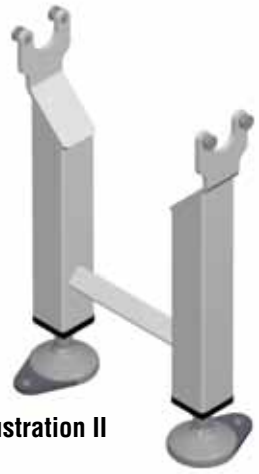


Illustration II

Fixed Foot Model

		See Illustration I					*See Illustration II*		
Conveyor Width		4" (102)	6" (152)	8" (203)	2" (51) increments **up to…**	36" (914)	38" (965)	2" (51) increments **up to…**	52" (1,321)
WW Part # Reference		04	06	08	02 increments **up to…**	36	38	02 increments **up to…**	52
HM Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	39.5" (1,003)	2" (51) increments **up to…**	53.5" (1,359)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments **up to…**	44" (1,118)	48" (1,219)	02 increments **up to…**	62" (1,575)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments **up to…**	72" (1,829)	19" (483)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments **up to…**	76" (1,930)	23" (584)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	1620	1721	1822	01 increments **up to…**	7276	1923	01 increments **up to…**	7074
AM Adjustable Angle Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	41.5" (1,054)	2" (51) increments **up to…**	55.5" (1,410)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments **up to…**	44" (1,118)	49" (1,245)	02 increments **up to…**	63" (1,600)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments **up to…**	72" (1,829)	19" (483)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments **up to…**	76" (1,930)	23" (584)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	2024	2125	2226	01 increments **up to…**	7276	1923	01 increments **up to…**	7074
HR Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	47.5" (1,207)	2" (51) increments **up to…**	61.5" (1,562)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments **up to…**	54" (1,372)	61" (1,549)	02 increments **up to…**	75" (1,905)
	Minimum Top of Belt Height	16" (406)	17" (432)	18" (457)	1" (25) increments **up to…**	72" (1,829)	19" (483)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments **up to…**	76" (1,930)	23" (584)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	1620	1721	1822	01 increments **up to…**	7276	1923	01 increments **up to…**	7074
AR Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	49.5" (1,257)	2" (51) increments **up to…**	63.5" (1,613)
	Width at Feet*	22" (559)	24" (610)	26" (660)	02 increments **up to…**	54" (1,372)	61" (1,549)	02 increments **up to…**	75" (1,905)
	Minimum Top of Belt Height	20" (508)	21" (533)	22" (559)	1" (25) increments **up to…**	72" (1,829)	19" (483)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	24" (610)	25" (635)	26" (660)	1" (25) increments **up to…**	76" (1,930)	23" (584)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	2024	2125	2226	01 increments **up to…**	7276	1923	01 increments **up to…**	7074

***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.

Swivel Locking Caster Support Stands

- For 4" to 36" Widths:
  - All components are stainless steel with a 2B finish
  - Vertical leg is formed sheet metal
- For 38" to 52" widths:
  - All components are stainless steel with #4 finish
  - Vertical leg is a closed 2" square tube
- Has ± 2" of adjustment
- Caster is swivel locking
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications

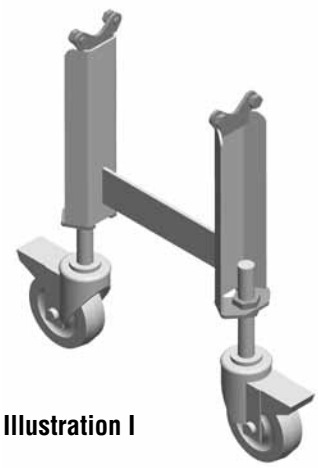


Illustration I

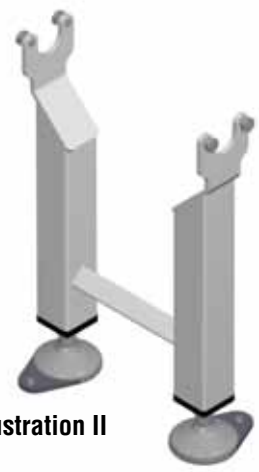


Illustration II

Swivel Locking Caster Model

		See Illustration I					*See Illustration II*		
Conveyor Width		4" (102)	6" (152)	8" (203)	2" (51) increments **up to…**	36" (914)	38" (965)	2" (51) increments **up to…**	52" (1,321)
WW Part # Reference		04	06	08	02 increments **up to…**	36	38	02 increments **up to…**	52
HM Horizontal Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	39.5" (1,003)	2" (51) increments **up to…**	53.5" (1,359)
	Width at Feet*	12" (305)	18" (457)	20" (508)	02 increments **up to…**	48" (1,219)	48" (1,219)	02 increments **up to…**	62" (1,575)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments **up to…**	72" (1,829)	24" (610)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments **up to…**	76" (1,930)	28" (711)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	2125	2226	2327	01 increments **up to…**	7276	2428	01 increments **up to…**	7074
AM Adjustable Angle Mount	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	41.5" (1,054)	2" (51) increments **up to…**	55.5" (1,410)
	Width at Feet*	12" (305)	14" (356)	16" (406)	02 increments **up to…**	48" (1,219)	49" (1,245)	02 increments **up to…**	63" (1,600)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments **up to…**	72" (1,829)	24" (610)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments **up to…**	76" (1,930)	28" (711)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	2529	2630	2731	01 increments **up to…**	7276	2428	01 increments **up to…**	7074
HR Horizontal Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	47.5" (1,207)	2" (51) increments **up to…**	61.5" (1,562)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments **up to…**	58" (1,473)	61" (1.549)	02 increments **up to…**	75" (1,905)
	Minimum Top of Belt Height	21" (533)	22" (559)	23" (584)	1" (25) increments **up to…**	72" (1,829)	24" (610)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments **up to…**	76" (1,930)	28" (711)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	2125	2226	2327	01 increments **up to…**	7276	2428	01 increments **up to…**	7074
AR Adj. Angle Mount w/Outriggers	Stand Width*	7" (178)	9" (229)	11" (279)	2" (51) increments **up to…**	39" (991)	49.5" (1,257)	2" (51) increments **up to…**	63.5" (1,613)
	Width at Feet*	26" (660)	27" (686)	28" (711)	02 increments **up to…**	58" (1,473)	61" (1,549)	02 increments **up to…**	75" (1,905)
	Minimum Top of Belt Height	25" (635)	26" (660)	27" (686)	1" (25) increments **up to…**	72" (1,829)	24" (610)	1" (25) increments **up to…**	70" (1,778)
	Maximum Top of Belt Height	29" (737)	30" (762)	31" (787)	1" (25) increments **up to…**	76" (1,930)	28" (711)	1" (25) increments **up to…**	74" (1,880)
	HHHH Height Reference	2529	2630	2731	01 increments **up to…**	7276	2428	01 increments **up to…**	7074

***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.

TALL SUPPORT STANDS

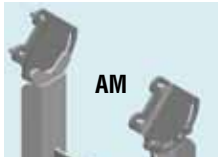
Fixed Foot Model					
Conveyor Width	4" (102)	6" (152)	8" (203)	in 2" (51mm) increments **up to…**	60" (1,524)
WW Part # Reference	04	06	08	in 02 increments **up to…**	60
Stand Width at Foot *	(0.263)(HH max) + (WW + 6) inches				
Top of Belt (Minimum)	71" (1,803)	72" (1,829)	73" (1,854)	in 1" (25mm) 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

- 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

Horizontal Mount



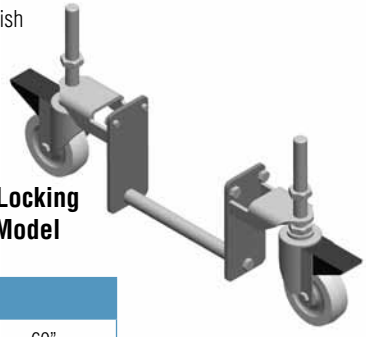
Adjustable Mount

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

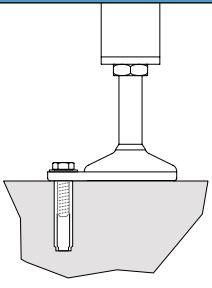
* Width dimension is nominal dimension for space claim purposes only. For detail dimension, contact factory.



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	

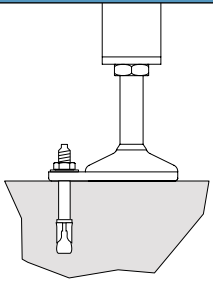
SANITARY FLOOR ANCHOR KITS



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

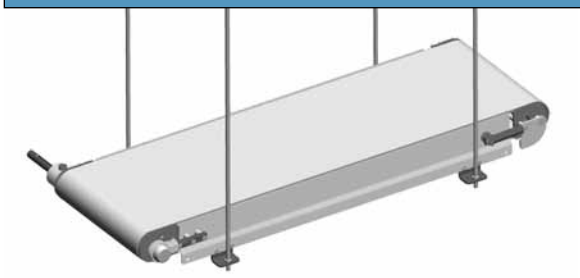
Part No. FAS-2

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 303

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

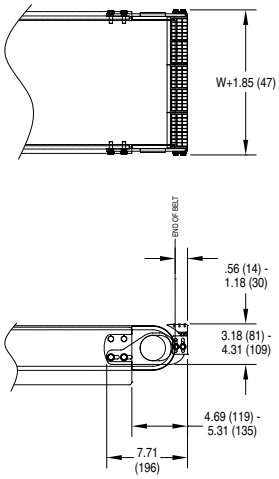
ADJUSTABLE ANGLE CEILING SUPPORTS

- 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

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.

ROLLER TRANSFER PLATE



- 4” wide to 52” wide
- Includes 0.43” diameter rollers mounted in transfer plate
- Adjustable mounting to fine tune small parts transfer
- All brackets and fasteners are stainless steel

7360 SERIES: ROLLER TRANSFER PLATE

736ST - WW

Conveyor Width: 04-52

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.

7360 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

7360 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

7360 SERIES: ACCESSORY MOUNTING BAR

735AM - LL

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

ELECTRICAL / AIR ROUTING CLIP

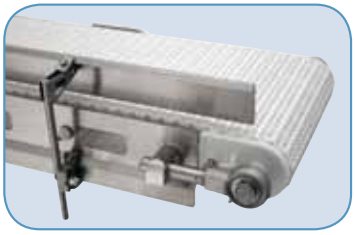
- Light weight mounting clip for wire clips, conduit clicks, wire tie mounts, etc.
- Mounts directly to M8 guide bolts and/or lower frame lip
- May be mounted to inside of frame or outside of frame
- Offset to clear mounting screws
- Package of 10 pieces
- All brackets and fasteners are stainless steel

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

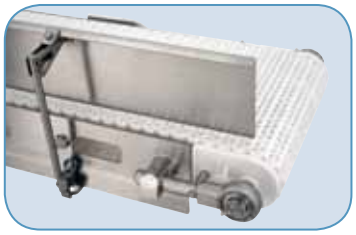
Note: Dimensions = in (mm)

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

7360 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 Dorner 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 mound (reflector included)
  - Convergent includes (1) photo eye mount

7360 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

7360 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

- 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)

- 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

7600 Series Shown

7360 SERIES: DRIP PANS

7 XXX DP WW - LLL

- **Length:** 024-120 (ie. 120 = 120")
- **Drip Pan Width:** 06-60
- **Conveyor Type:** **360** = 7360 Conveyors

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

7400 and 7600 Series Shown

For Products smaller than 3/8" diameter consult factory.

7360 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) **360** = 7360 Conveyors

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.

7360 SERIES: FLAT BELT END DRIVE AND CENTER DRIVE CONVEYORS

736 M WW LLL D I A B C A PP PP BB

Belt Material

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

Scraper / Position / V-guide:

A = V-guide, no scraper
B = No V-guide, no scraper
C = V-guide, scraper in primary position (no bottom drive)
D = V-guide, scraper in secondary position
E = No V-guide, scraper in primary position (no bottom drive)
F = No V-guide, scraper in secondary position

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
F = 36" 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
M = 36" 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
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

Motor Shaft Position: A, B, C or D

Idler End:

1 = Standard
2 = Nose Bar
3 = Std. tail w/ Output Shaft (A position)
4 = Std. tail w/ Output Shaft (D position)

Drive / Pulley Type:

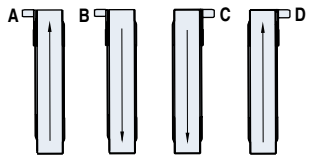
1 = Standard Bottom Drive
2 = Standard Side Drive
3 = Bottom Drive w/ Output Shaft
4 = Side Drive Tail w/ Output Shaft
A = Center Drive, Std Tail, Air
B = Center Drive, Nose Bar Tail, Air
C = Center Drive, A side output, Std Tail, Air
D = Center Drive, D side output, Std Tail, Air
E = Center Drive, Std Tail, Spring
F = Center Drive, Nose Bar Tail, Spring
G = Center Drive, A side output, Std Tail, Spring
H = Center Drive, D side output, Std Tail, Spring

Length: 036-480

Belt Width: 04-52

Language: M = English

Drive Shaft Position



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

Conveyor sections longer than 11' (3,353 mm) 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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7360 SERIES: CLEATED BELT CONVEYOR

736 M WW LLL D I A A B A PP BB S SSS

Belt Material

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 = 1" High Side
03 = 3" High Side
50 = Low Side - Key Slot Holes D Side
51 = Low Side - .41 Diameter Holes A Side

V-guide: **A** = V-guide **B** = No V-guide

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
F = 36" 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
M = 36" 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
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

Motor Shaft Position: A or D

Idler End:

1 = Standard
3 = Std. tail w/ Output Shaft (A position)
4 = Std. tail w/ Output Shaft (D position)

Drive / Pulley Type:

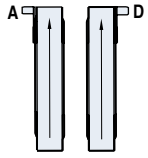
1 = Standard Bottom Drive
2 = Standard Side Drive
3 = Bottom Drive w/ Output Shaft
4 = Side Drive Tail w/ Output Shaft

Length: 036-480

Belt Width: 04-24

Language: M = English

Drive Shaft Position



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7360 SERIES: Z-FRAME FLAT BELT CONVEYORS

736 C M L E WW A LLL LLL LLL C A 1 A S A PP A BT

- **Belt Type:** **01** thru **72** = Standard Belt Types
- **Cleat Type:** **Blank** = Flat Belt
- **Profile:**
  - **01** = Lowside
  - **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 Type:**
  - **1** = Standard
  - **2** = Nose Bar
  - **3** = Standard Tail w/ Output Shaft (A position)
  - **4** = Standard Tail w/ Output Shaft (A position)
- **Scraper / Position / V-guide:**
  - **A** = V-guide, no scraper
  - **C** = V-guide, scraper in primary position (no bottom drive)
  - **D** = V-guide, scraper in secondary position
- **Motor Shaft Position: A, B, C or D**
- **Drive Tail:**
  - **1** = Standard Bottom Drive
  - **2** = Standard Side Drive
  - **3** = Bottom Drive w/ Output Shaft
  - **4** = Side Drive w/ Output Shaft
  - **5** = Center Drive
  - **6** = Center Drive w/ Nose Bar
- **Idler / Infeed 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
  - **F** = 36" 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
  - **M** = 36" from idler end with braces
- **Drive / Discharge 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
- **Length 3:** 024-999 (000 for L & P frame)
- **Length 2:** 024-999
- **Length 1:** 024-999
- **Angle: 05 degrees** thru **60 degrees** in 05 degree increments
- **Belt Width:** 08-24
- **Direction: E** = Inclining, **F** = Declining
- **Frame Type: L** = Incline, **P** = Noseover, **Z** = Z-Frame
- **Language: M** = English
- **Belt Style: F** = Flat Belt

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.

*Stand location may be dependent upon conveyor length

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7360 SERIES: Z-FRAME CLEATED BELT CONVEYORS

736 C M L E WW A LLL LLL LLL C A 1 A S A PP A CS

- **Cleat Spacing:** **0300** thru **9999** = Standard Cleat Spacing
- **Cleat Type:** **A** thru **Z** = Standard Cleat Types
- **Profile:**
  - **01** = Lowside
  - **02** = Integral High Side
  - **03** = 3" High Side
  - **50** = Low Side - Key Slot Holes D Side
  - **51** = Low Side - .41 Diameter Holes A Side
- **Idler Type:**
  - **1** = Standard
  - **2** = Nose Bar
  - **3** = Standard Tail w/ Output Shaft (A position)
  - **4** = Standard Tail w/ Output Shaft (A position)
- **Scraper / Position / V-guide:**
  - **A** = V-guide, no scraper
  - **C** = V-guide, scraper in primary position (no bottom drive)
  - **D** = V-guide, scraper in secondary position
- **Motor Shaft Position: A, B, C or D**
- **Drive Tail:**
  - **1** = Standard Bottom Drive
  - **2** = Standard Side Drive
  - **3** = Standard Tail w/ Output Shaft (A position)
  - **4** = Standard Tail w/ Output Shaft (D position)
- **Idler / Infeed 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
  - **F** = 36" 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
  - **M** = 36" from idler end with braces
- **Drive / Discharge 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
- **Length 3:** 024-999 (000 for L & P frame)
- **Length 2:** 024-999
- **Length 1:** 024-999
- **Angle: 05 degrees** thru **60 degrees** in 05 degree increments
- **Belt Width:** 08-24
- **Direction: E** = Inclining, **F** = Declining
- **Frame Type: L** = Incline, **P** = Noseover, **Z** = Z-Frame
- **Language: M** = English
- **Belt Style: C** = Cleated Belt

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.

*Stand location may be dependent upon conveyor length

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7360 SERIES: GEARMOTOR MOUNT PACKAGES

7 3 5 M S P S A G S C S

- **Conveyor Sprocket: 30** = 30 Tooth, **Blank** = Side Drive
- **Gearmotor Sprocket: 30** = 30 Tooth, **Blank** = Side Drive
- **Drive Position: A or D**
- **Gearmotor Size: S** = Standard Load, **H** = Heavy Load, **L** = Light Load
- **Gearmotor Type: 1** = Washdown 90 Degree, **2** = Washdown Parallel Shaft
- **Drive Type: S** = Side **B** = Bottom **N** = Nose Bar **C** = Center Drive
- **Language: M** = English
- **Drive Type: 735** = End Drive **736** = Center Drive

7360 SERIES: SUPPORT STANDS

7 3 6 S H M W W 3 2 3 6 F

- **Foot: F** = Fixed Foot, **C** = Caster w/ Diagonal Brace, **B** = Fixed Foot w/ Diagonal Brace
- **Maximum Top of Belt Height**
- **Minimum Top of Belt Height**
- **Width:** 04-36
- **Stand Type:**
  - **HM** = Horizontal Mount
  - **AM** = Angle Mount
  - **HR** = Horizontal Mount w/ Outriggers
  - **AR** = Angle Mount w/ Outriggers
- **Conveyor Type: S** = Straight

7360 SERIES: TALL SUPPORT STANDS

3 X M T H W W H H H H B

- **Maximum Top of Belt Height**
- **Minimum Top of Belt Height**
- **Conveyor Width:** 04-60
- **Stand Type:**
  - **TH** = Tall Horizontal Mount
  - **TA** = Tall Angle Mount
- **Conveyor Type: 9** = 7360 Straight

7360 SERIES: LOW HEIGHT SUPPORT STANDS

3 X M L H W W H H H H F

- **Foot: F** = Fixed Foot, **C** = Swivel Locking Caster
- **Maximum Top of Belt Height**
- **Minimum Top of Belt Height**
- **Conveyor Width/Stand Type:**
  - **00** = Fixed Foot Model **04 thru 60** = 4" to 60", Caster Model
- **Conveyor Type: 9** = 7360 Straight

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