

ASHLAND CONVEYOR PRODUCTS



Skatewheel Conveyor



Roller Conveyor



Replacement Rollers



Power Belt Conveyor



CDLR Conveyor



Supports



Telescoping Conveyors



Ball Transfer



Flow Rail



Accessories

Catalog No. CC516

ASHLAND CONVEYOR PRODUCTS



Ashland Conveyor Products

1919 Cellar Drive • Ashland, Ohio 44805

1-800-587-0045

www.ashlandconveyor.com



Ashland Conveyor Products has been producing quality conveyors for over 45 years. ACP was established in 1968 as MTD Conveyors in Indianola, MS. The current ownership purchased the business in 1998, relocated all operations to Ashland, Ohio in 1999 and changed the name to Ashland Conveyor Products. Due to continued growth, in 2009 ACP relocated to a new custom designed facility in Ashland. We look forward to a visit if you are in the neighborhood.

We offer a standard line of gravity roller conveyor, skatewheel conveyor, telescoping gravity conveyor, powered belt conveyor, ball transfer tables and ball transfers, along with a complete selection of accessories.

At Ashland Conveyor Products we pride ourselves on producing custom conveyor products to meet your individual application. The custom solutions in the back of this catalog highlight examples of how we will develop conveyor products to provide the best solution for your unique application.

The goal of Ashland Conveyor is to provide our customers with products and solutions that exhibit the highest quality, dependability, and value.

Let us help you with your next conveyor project.

Shipping

All weights in this catalog are conveyor weights only and do not include accessories, crating, or other packaging materials.

All orders will be shipped "dock to dock" F.O.B. Ashland, Ohio 44805.

Shipping Classifications:

Conveyor Sections-----	77-1/2
Conveyor Parts (stands, rollers, etc.)-----	65
Telescoping Conveyor-----	85
Power Conveyors-----	175

Delivery

Items in highlighted in this catalog indicate quick ship products. These products normally ship in 1-3 days.

Warranty

All Ashland Conveyor Products carry a 1 year limited warranty.



TABLE OF CONTENTS

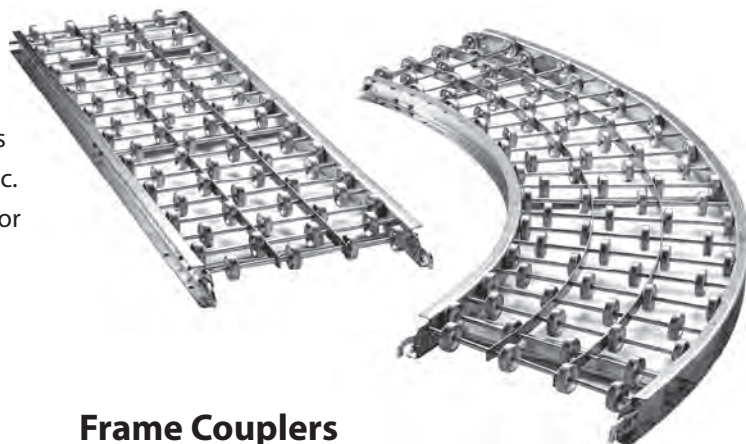
GRAVITY SKATEWHEEL CONVEYOR	3	Slider Bed - Model SB400	46
General Information	3	Slider Bed - Model SB350	48
Patterns & Replacement Parts	4	Roller Bed - Model RB190.....	50
Straight Sections	5	Slider Bed Incline - Model SBI350	52
Curve Sections	6	Roller Bed Incline - Model RBI190.....	54
Spur Sections.....	6	Optional Equipment - Pop-Out Brackets.....	56
GRAVITY ROLLER CONVEYOR	7	Optional Equipment - Power Feeder	57
General Information	7	CDLR CONVEYOR	58
Tube 3/4" Dia. x 20 Ga. Frame 2-1/2" x 1" x 12 Ga. Steel	11	Chain Driven Live Roller - Model CDLR16F.....	58
Tube 3/4" Dia. x 20 Ga. Frame 3" x 1" x 12 Ga. Steel	12	SUPPORTS	60
Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 12 Ga. Steel	13	Tripod - Model DT	60
Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 1/8" Ga. Al.	14	Light Duty H-Stand - Model H15.....	61
Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 1/8" Ga. Al.	15	Medium Duty H-Stand - Model BH30.....	62
Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 12 Ga. Steel	16	Medium Duty H-Stand - Model BH30 Castered	63
Tube 1-3/8" Dia. x 16 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel.....	17	Heavy Duty H-Stand - Model H50	64
Tube 1.9" Dia. x 16 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel.....	18	Multitier - Model HMT.....	65
Tube 1.9" Dia. x 16 Ga. Frame 3-1/2" x 1-3/8" x 1/8" Al	19	Medium Duty Low Profile Support - Model LP25.....	66
Tube 1.9" Dia. x 12 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel	20	Kneebrace	67
Tube 1.9" Dia. x 9 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel	21	Casters	67
Tube 2-1/2" Dia. x 14 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel	22	Ceiling Hanger - Model CH.....	68
Tube 2-1/2" Dia. x 11 Ga. Frame 4" x 1-1/2" x 7 Ga. Steel.....	23	TELESCOPING CONVEYOR	69
Tube 2-5/8" Dia. x 7 Ga. Frame 4" x 1-1/2" x 7 Ga. Steel.....	24	General Information	70
Tube 2-1/2" Dia. x 11 Ga. Frame 4" x 5.4 Lbs. Structural Steel	25	Skatewheel on All Sections	72
Tube 2-5/8" Dia. x 7 Ga. Frame 4" x 5.4 Lbs. Structural Steel	26	1-3/8 x 16 Ga. On All Sections	73
REPLACEMENT ROLLERS	27	BALL TRANSFER	74
General Information	27	Ball Transfer Tables.....	74
Roller .084" Dia. x 0.107 PVC with 1/4" Round Axle - Model B40P.....	32	Ball Transfer Inserts.....	75
Roller 3/4" Dia. x 20 Ga. with 1/4" Round Axle - Model B	32	Ball Transfer Units.....	76
Roller 1-3/8" Dia. x 18 Ga. with 1/4" Round Axle - Model EA	33	FLOW RAIL	79
Roller 1-3/8" Dia. x 18 Ga. with 1/4" Round Axle - Model EG.....	33	Flow Rail Wheel - Models FR1, FR2, FR3, FR4,FR6.....	79
Roller 1-3/8" Dia. x 18 Ga. with 5/16" Hex Axle - Model EFG.....	34	Flow Rail Ball Transfer - Models BTFR1PCS, BTFRF, BTFR2	81
Roller 1-3/8" Dia. x 18 Ga. with 1/4" Round Axle - Model ES.....	34	Flow Rail Roller - Models FRM2503, FRMF20003L/R, FRMF3003L/R	82
Roller 1-3/8" Dia. x 18 Ga. with 5/16" Hex Axle - Model EFA.....	35	ACCESSORIES	83
Roller 1-3/8" Dia. x 16 Ga. with 7/16" Hex Axle - Model CG.....	35	Guard - Model GA2	83
Roller 1.9" Dia. x 16 Ga. with 7/16" Hex Axle - Model K/KG.....	36	Guard - Model GU3	83
Roller 1.9" Dia. x .112 PVC with 7/16" Hex Axle - Model K40P.....	37	Guard - Model GU4	83
Roller 1.9" Dia. x 16 Ga. with 1/4" Round Axle - Model KGR.....	37	Guard - Model GU5	84
Roller 1.9" Dia. x 16 Ga. with 7/16" Hex Axle - Model KS.....	38	Dead Plate/Work Surface - Model DP	84
Roller 1.9" Dia. x 16 Ga. with 7/16" Hex Axle - Model KA	38	Gate Kit - Model HG	85
Roller 1.9" Dia. x 12 Ga. with 7/16" Hex Axle - Model DG	39	Hand Operated Roller Stop - Model RS140/RS190	86
Roller 1.9" Dia. x 9 Ga. with 7/16" Hex Axle - Model KD.....	39	Angle Stop - Model AS15	86
Roller 2-1/2" Dia. x 14 Ga. with 7/16" Hex Axle - Model U.....	40	Angle Stop - Model AS20	87
Roller 2-1/2" Dia. x 11 Ga. with 11/16" Hex Axle - Model S/SG.....	41	Flat Stop - Model FS25.....	87
Roller 2-5/8" Dia. x 7 Ga. with 11/16" Hex Axle - Model T.....	42	Flat Stop - Model FS35.....	87
Roller L Brackets - Models 1/4R, 5/16H, 7/16H, 11/16H.....	43	Flat Stop - Model FS40.....	87
POWER CONVEYOR	44	CUSTOM SOLUTIONS	88
General Information	44		
Incline Lift Chart.....	45		

General Information

Ashland Conveyor Product's gravity skatewheel conveyors are available in many size and configurations as shown on the following pages. There are many factors to consider when selecting a skatewheel conveyor. The following is intended to aid in the selection process.

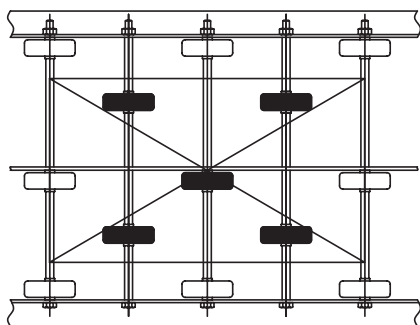
Load Type

Gravity skatewheel conveyor will convey lightweight loads that have firm flat bottoms such as cartons, totes, cases, etc. Skatewheel conveyor "rolls" more easily than roller conveyor allowing for lighter packages and less slope. Also the individual wheels in the curve sections allow packages to track more so than roller conveyor.



Wheel Density

Wheel density is described as wheels per foot. There must be a minimum of three axles and five wheels under the load at all times.

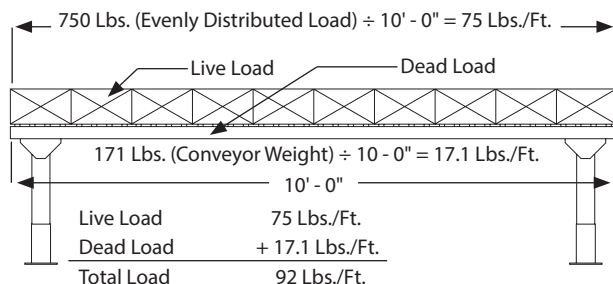


Wheel Capacity

Wheel capacities are available at 75 and 100 lbs. in zinc plated steel, 75 lbs. in aluminum and 75 lbs. in plastic. The wheel density must provide enough wheels under the load so that the total wheel capacity exceeds the maximum load.

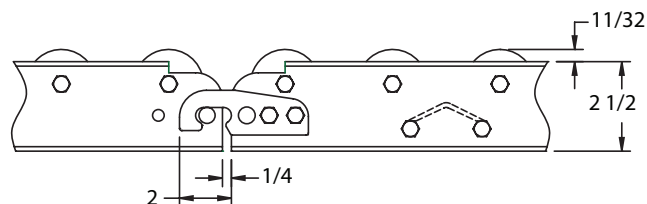
Frame Capacity

The frame must be capable of supporting both the conveyed items and the skatewheel conveyor. Frame capacities are provided for 5 foot and 10 foot support centers. Applications that exceed these frame capacities may require additional supports.



Frame Couplers

Standard couplers for skatewheel conveyor are hook and rod. Hook and rod couplers allow for quick set-up. Butt couplings are available upon request.



Curves

Often curves will determine the width of the conveyor system, as the product requires additional space to negotiate the turn. This additional space depends upon the length and width of the product.

Refer to the following table:

Skatewheel Curve Width
(Based on full inside frame coverage)

Load Width	Load Length											
	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"
8"	12" OAW											
10"	18" OAW											
12"	24" OAW											
14"												
16"												
18"												
20"												

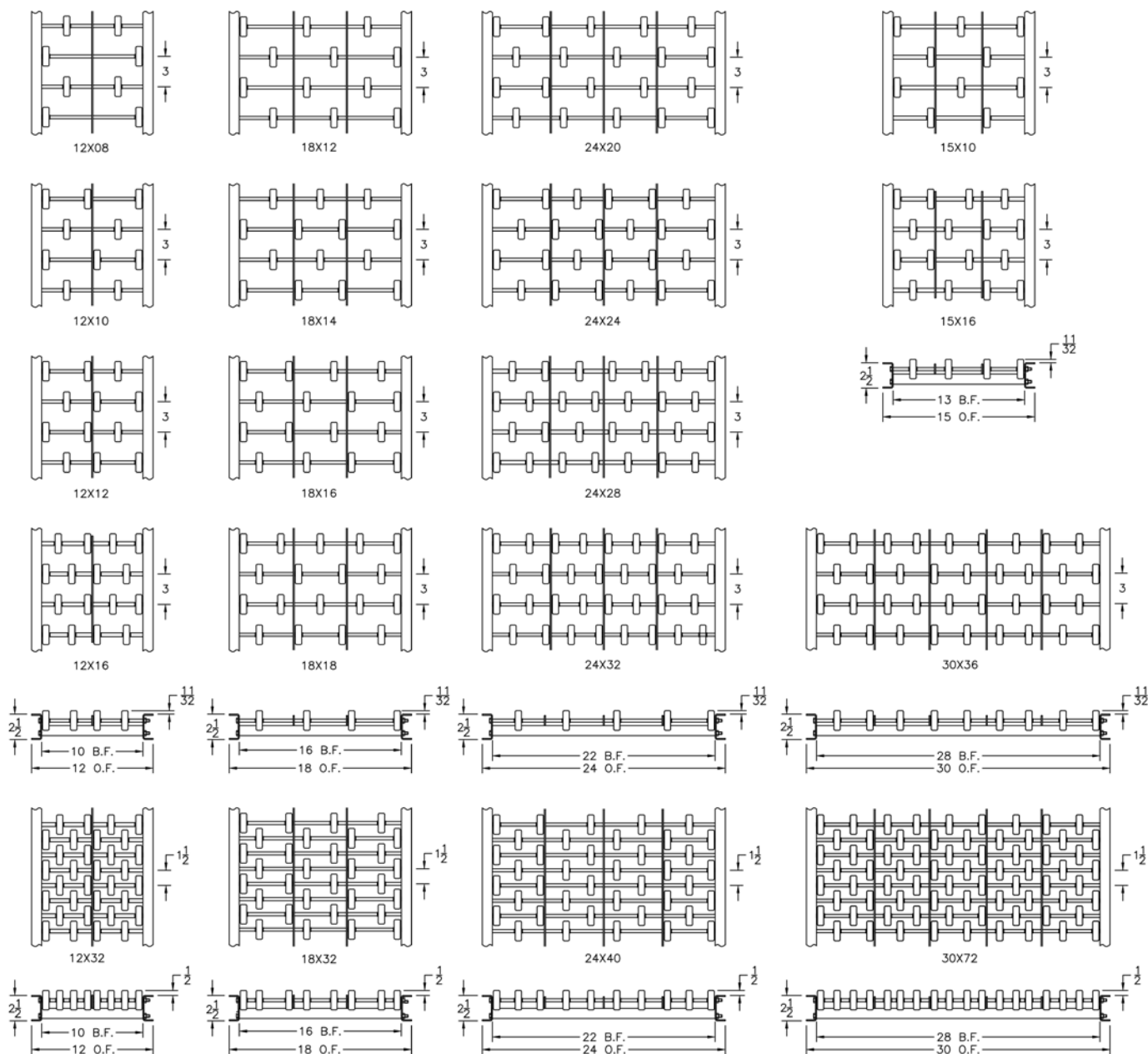
Floor Supports

Both the weight of the conveyed items and the conveyor must be considered when selecting floor supports. The nominal height of the support is to the bottom of the conveyor frame. Either H-stand supports or tripods (temporary set-up) may be selected.

GRAVITY SKATEWHEEL CONVEYOR

Patterns & Replacement Parts

SKATEWHEEL PATTERNS



SKATEWHEEL PARTS

Part Number	Material	Capacity (Lbs.)	O.D.	Bore	Face Width	Hub Width	Wt. (Lbs.)
10007	Steel - Zinc Plated	75	1-15/16"	1/4"	5/8"	13/16"	.28
10010	Steel - Zinc Plated	100	1-15/16"	1/4"	9/16"	13/16"	.20
10008	Aluminum	75	1-15/16"	1/4"	5/8"	13/16"	.10
22005	Black Nylon	75	1-15/16"	1/4"	5/8"	13/16"	.04

Straight Sections

Gravity Skatewheel Conveyor is used to transport lightweight packages or for operation that required lightweight sections. Primarily they are used in shipping departments, stocking areas, assembly lines, etc. Hook & rod couplers along with tripod supports make it ideal for temporary set-up.

STRAIGHT SECTIONS

CONSTRUCTION:

Wheels: 1-15/16" diameter wheels; 1/4" ball bearings set in hardened raceway, prelubricated, zinc plated steel. Aluminum conveyors include aluminum wheels. Black Nylon wheels available upon request. Indicate with a "P" suffix, example:12X08X05GP. Wheel capacity 75 Lbs. and 100 Lbs.

Couplings: Zinc plated hook and rod.

Parts with "SQ" suffix have squared ends, no couplings.

Axles: 1/4" diameter steel; one end threaded with locking nut.

Frame: 2-1/2" X 1" X 12 ga. channel galvanized steel or 1/8" heat treated aluminum. Bolt together crossbraces.

Capacity: Maximum distributed live load

Frame Aluminum 16 Lbs./Ft. on 10' support centers
150 Lbs./Ft. on 5' support centers
Steel 36 Lbs./Ft. on 10' support centers
260 Lbs./Ft. on 5' support centers

Maximum load per wheel:

Wheels Aluminum 75 Lbs. each
Steel 75 Lbs. each
High Cap. 100 Lbs. each
Nylon 75 Lbs. each

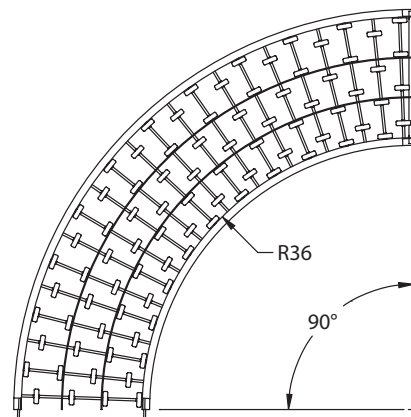
	Galvanized		Aluminum		Length	OAW	Wheels/Ft.	Axle Centers
	Part Number	Wt. (Lbs.)	Part Number	Wt. (Lbs.)				
12" OAW	12X08X05G	31	12X08X05A	18	5'	12"	8	3"
	12X08X10G	60	12X08X10A	34	10'	12"	8	3"
	12X10X05G	33	12X10X05A	19	5'	12"	10	3"
	12X10X10G	64	12X10X10A	36	10'	12"	10	3"
	12X12X05G	35	12X12X05A	20	5'	12"	12	3"
	12X12X10G	68	12X12X10A	38	10'	12"	12	3"
	12X16X05G	40	12X16X05A	22	5'	12"	16	3"
	12X16X10G	78	12X16X10A	43	10'	12"	16	3"
	12X32X05GSQ	64	12X32X05ASQ	35	5'	12"	32	1-1/2"
12X32X10GSQ	126	12X32X10ASQ	69	10'	12"	32	1-1/2"	
15" OAW	15X10X05G	35	15X10X05A	20	5'	15"	10	3"
	15X10X10G	68	15X10X10A	38	10'	15"	10	3"
	15X16X05G	42	15X16X05A	23	5'	15"	16	3"
	15X16X10G	82	15X16X10A	45	10'	15"	16	3"
18" OAW	18X12X05G	40	18X12X05A	23	5'	18"	12	3"
	18X12X10G	78	18X12X10A	45	10'	18"	12	3"
	18X14X05G	42	18X14X05A	25	5'	18"	14	3"
	18X14X10G	82	18X14X10A	48	10'	18"	14	3"
	18X16X05G	43	18X16X05A	26	5'	18"	16	3"
	18X16X10G	85	18X16X10A	50	10'	18"	16	3"
	18X18X05G	45	18X18X05A	27	5'	18"	18	3"
	18X18X10G	88	18X18X10A	51	10'	18"	18	3"
	18X32X05GSQ	69	18X32X05ASQ	40	5'	18"	32	1-1/2"
18X32X10GSQ	137	18X32X10ASQ	80	10'	18"	32	1-1/2"	
24" OAW	24X20X05G	52	24X20X05A	32	5'	24"	20	3"
	24X20X10G	103	24X20X10A	61	10'	24"	20	3"
	24X24X05G	56	24X24X05A	33	5'	24"	24	3"
	24X24X10G	109	24X24X10A	65	10'	24"	24	3"
	24X28X05G	60	24X28X05A	36	5'	24"	28	3"
	24X28X10G	117	24X28X10A	70	10'	24"	28	3"
	24X32X05G	80	24X32X05A	48	5'	24"	32	3"
	24X32X10G	157	24X32X10A	94	10'	24"	32	3"
	24X40X05GSQ	90	24X40X05ASQ	54	5'	24"	40	1-1/2"
24X40X10GSQ	173	24X40X10ASQ	104	10'	24"	40	1-1/2"	
30" OAW	30X36X05G	65	30X36X05A	40	5'	30"	36	3"
	30X36X10G	130	30X36X10A	80	10'	30"	36	3"
	30X72X05GSQ	95	30X72X05ASQ	58	5'	30"	72	1-1/2"
	30X72X10GSQ	190	30X72X10ASQ	116	10'	30"	72	1-1/2"

GRAVITY SKATEWHEEL CONVEYOR

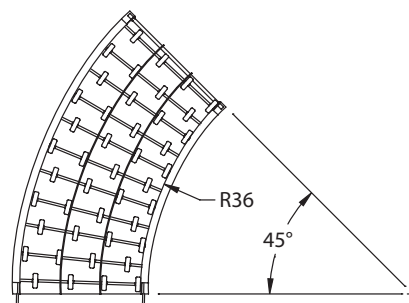
Curve Sections

CURVE SECTIONS

Galvanized		Aluminum		Angle (degrees)	OAW	Wheels/Ft.	Axle Centers
Part Number	Wt. (Lbs.)	Part Number	Wt. (Lbs.)				
12X10X45G	19	12X10X45A	12	45	12"	10	3"
12X10X90G	35	12X10X90A	21	90	12"	10	3"
12X16X45G	22	12X16X45A	14	45	12"	16	3"
12X16X90G	42	12X16X90A	25	90	12"	16	3"
12X32X45GSQ	35	12X32X45ASQ	21	45	12"	32	1-1/2"
12X32X90GSQ	68	12X32X90ASQ	41	90	12"	32	1-1/2"
15X10X45G	20	15X10X45A	12	45	15"	10	3"
15X10X90G	37	15X10X90A	22	90	15"	10	3"
15X16X45G	27	15X16X45A	16	45	15"	16	3"
15X16X90G	51	15X16X90A	30	90	15"	16	3"
18X16X45G	25	18X16X45A	16	45	18"	16	3"
18X16X90G	48	18X16X90A	29	90	18"	16	3"
18X18X45G	26	18X18X45A	17	45	18"	18	3"
18X18X90G	50	18X18X90A	30	90	18"	18	3"
18X32X45GSQ	40	18X32X45ASQ	24	45	18"	32	1-1/2"
18X32X90GSQ	77	18X32X90ASQ	46	90	18"	32	1-1/2"
24X20X45G	31	24X20X45A	20	45	24"	20	3"
24X20X90G	59	24X20X90A	37	90	24"	20	3"
24X24X45G	34	24X24X45A	22	45	24"	24	3"
24X24X90G	64	24X24X90A	40	90	24"	24	3"
24X32X45G	47	24X32X45A	29	45	24"	32	3"
24X32X90G	89	24X32X90A	58	90	24"	32	3"
24X40X45GSQ	52	24X40X45ASQ	33	45	24"	40	1-1/2"
24X40X90GSQ	100	24X40X90ASQ	62	90	24"	40	1-1/2"



90 Degree Curve



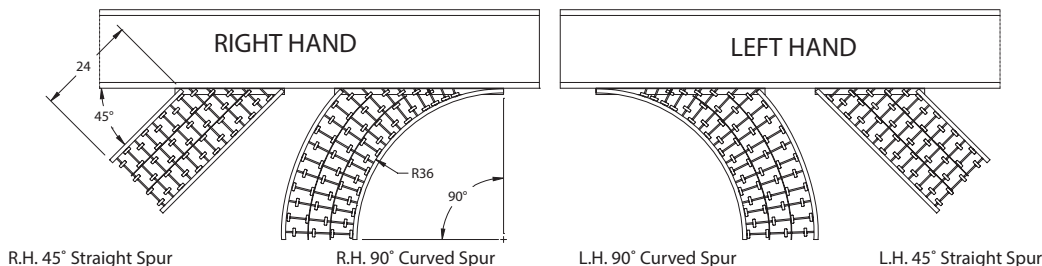
45 Degree Curve

Spur Sections

Skatewheel Spurs are used to divert products from one conveying line to another. Straight spurs are listed

at 30 and 45 degrees. Curved spurs are listed in 90 degrees only. All spurs must be specified as either right hand

or left hand. For example a left hand 12" OAW 30 degree straight would be 12x12x30SSGL.



	Galvanized		Aluminum		Angle (degrees)	OAW	Wheels/Ft.	Axle Centers
	Part Number	Wt. (Lbs.)	Part Number	Wt. (Lbs.)				
Straight	12X12X30SSG _	22	12X12X30SSA _	15	30	12"	12	3"
	12X12X45SSG _	24	12X12X45SSA _	17	45	12"	12	3"
	15X16X30SSG _	26	15X16X30SSA _	19	30	15"	16	3"
	15X16X45SSG _	28	15X16X45SSA _	21	45	15"	16	3"
	18X18X30SSG _	30	18X18X30SSA _	22	30	18"	18	3"
	18X18X45SSG _	35	18X18X45SSA _	25	45	18"	18	3"
	24X24X30SSG _	40	24X24X30SSA _	28	30	24"	24	3"
	24X24X45SSG _	44	24X24X45SSA _	32	45	24"	24	3"
Curved	12X12X90SG _	29	12X12X90SA _	18	90	12"	12	3"
	15X16X90SG _	32	15X16X90SA _	23	90	15"	16	3"
	18X18X90SG _	34	18X18X90SA _	28	90	18"	18	3"
	24X24X90SG _	40	24X24X90SA _	30	90	24"	24	3"

Replace " _ " in Part Number with "R"(Right Hand) or "L"(Left Hand) .

Ashland Conveyor Product's gravity roller conveyors are available in many sizes and configurations as shown on the following pages. There are many factors to consider when selecting a gravity conveyor. The following is intended to aid in the selection process.

Load Type

Gravity roller conveyor will convey loads that have firm flat bottoms such as cartons, totes, skids, firm bags, drums, etc.

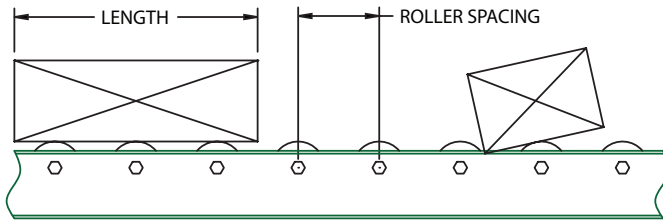
Roller size

Roller Size is determined by:

- Load - in general heavier loads will require larger rollers that meet or exceed the load per roller
- Loading conditions - an impact loading condition may require heavier gauge tubing

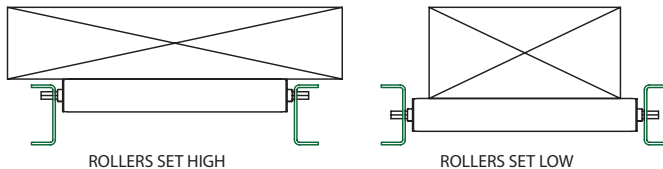
Roller Centers

A minimum of three rollers should be in contact with the load at all times. Roller centers may need to be reduced even further in order to reduce the load per roller.



Rollers Set High or Low

Most roller conveyors can be ordered set high or set low. **Ashland Conveyor Products standard is set high.** Rollers set high places the load above the frame allowing the load to overhang. Rollers set low places the rollers below the frame allowing the frame to act as a guard. When specifying set low the between frame dimension should allow for one inch clearance on each side of the largest conveyed item.



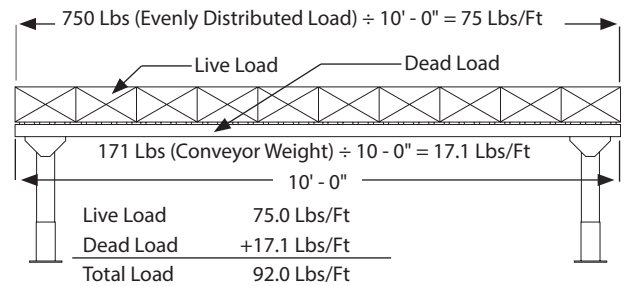
Frame Couplers

The two standard frame couplers are butt couplings, 2-1/2", 3-1/2" and 4" channel, and hook and rod couplers, 2-1/2"

channel. Butt couplings are bolted together for more permanent installations while hook and rod couplers are for quick, temporary set-ups (refer to the Frame Styles page).

Frame Capacity

The frame must be capable of supporting both the conveyed items in addition to the frame and rollers. The Frame Styles page provides frame capacities based on evenly distributed non-impact loads using 5' and 10' support centers. Applications that exceed these capacities may require additional supports or heavier frames.



Slope

As a general guide refer to the following table when determining slope. Conveying a heavier, firm surface will require less slope than a lighter, softer surface. Some applications may require brake rollers to retard the speed of conveyed items. **A field test should always be performed to determine proper slope.**

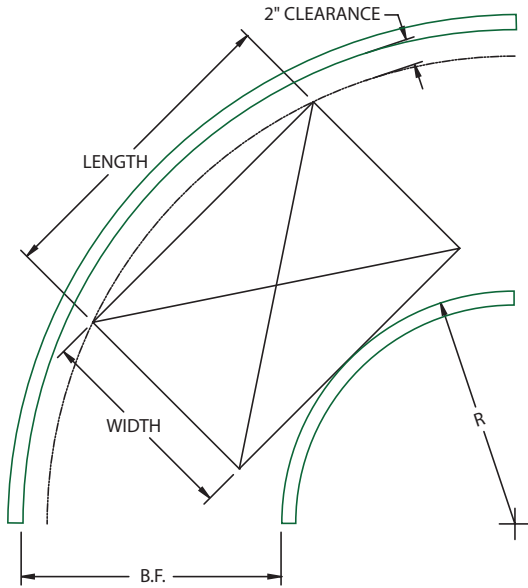
Item	Weight (Lbs.)	Slope Required To Start And Move Product	
		Inches/Foot	Inches/10'
Firm Cartons	5	7/8"	9"
	10	3/4"	7-1/2"
	50	1/2"	5"
	100	3/8"	3-3/4"
Steel Drums	150	3/8"	3-3/4"
	300	1/4"	2-1/2"
Tote	10	1/2"	5"
	25	3/8"	3-3/4"
	50	5/16"	3-1/8"
	100	1/4"	2-1/2"
Pallet With Runners	50	1/2"	5"
	100	7/16"	4-3/8"
	250	3/8"	3-3/4"
	500	5/16"	3-1/8"

GRAVITY ROLLER CONVEYOR

General Information

Curves

Often curves will determine the width of the conveyor system, as the product requires additional space to negotiate the turn. This additional space depends upon the length and width of the product. Refer to the following tables and formula.



Curve Width

$$\text{Min. B.F. Required} = \sqrt{(R + \text{Width})^2 + \left(\frac{\text{Length}}{2}\right)^2} - R + 2$$

2-1/2" Channel Frames (36" IR)

Product Length	Product Width								
	4"	8"	12"	16"	20"	24"	28"	32"	36"
Min. Conveyor Between Frame Dimension									
4"	6"	10"	14"	18"	22"	26"	30"	34"	38"
8"	6"	10"	14"	18"	22"	26"	30"	34"	38"
12"	6"	10"	14"	18"	22"	26"	30"	34"	38"
16"	7"	11"	15"	19"	23"	27"	30"	34"	38"
20"	7"	11"	15"	19"	23"	27"	31"	35"	39"
24"	8"	12"	15"	19"	23"	27"	31"	35"	39"
28"	8"	12"	16"	20"	24"	28"	32"	35"	39"
32"	9"	13"	17"	20"	24"	28"	32"	36"	40"
36"	10"	14"	17"	21"	25"	29"	32"	36"	40"

3-1/2" Channel Frames (30" IR)

Product Length	Product Width								
	4"	8"	12"	16"	20"	24"	28"	32"	36"
Min. Conveyor Between Frame Dimension									
4"	6"	10"	14"	18"	22"	26"	30"	34"	38"
8"	6"	10"	14"	18"	22"	26"	30"	34"	38"
12"	7"	10"	14"	18"	22"	26"	30"	34"	38"
16"	7"	11"	15"	19"	23"	27"	31"	35"	38"
20"	7"	11"	15"	19"	23"	27"	31"	35"	39"
24"	8"	12"	16"	20"	23"	27"	31"	35"	39"
28"	9"	12"	16"	20"	24"	28"	32"	36"	39"
32"	10"	13"	17"	21"	24"	28"	32"	36"	40"
36"	10"	14"	18"	21"	25"	29"	33"	37"	40"
40"	11"	15"	19"	22"	26"	30"	33"	37"	41"
44"	12"	16"	19"	23"	27"	30"	34"	38"	42"
48"	14"	17"	20"	24"	27"	31"	35"	38"	42"
52"	15"	18"	21"	25"	28"	32"	36"	39"	43"

4" Channel Frames (32-1/2" IR)

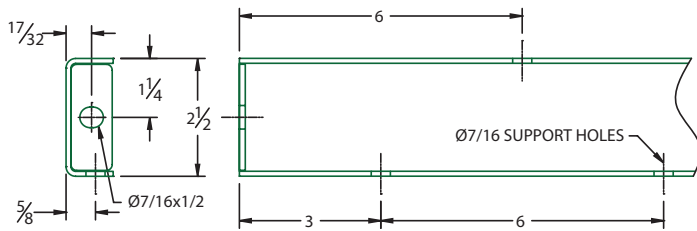
Product Length	Product Width								
	4"	8"	12"	16"	20"	24"	28"	32"	36"
Min. Conveyor Between Frame Dimension									
4"	6"	10"	14"	18"	22"	26"	30"	34"	38"
8"	6"	10"	14"	18"	22"	26"	30"	34"	38"
12"	6"	10"	14"	18"	22"	26"	30"	34"	38"
16"	7"	11"	15"	19"	23"	27"	31"	34"	38"
20"	7"	11"	15"	19"	23"	27"	31"	35"	39"
24"	8"	12"	16"	19"	23"	27"	31"	35"	39"
28"	9"	12"	16"	20"	24"	28"	32"	36"	39"
32"	9"	13"	17"	21"	24"	28"	32"	36"	40"
36"	10"	14"	18"	21"	25"	29"	33"	36"	40"
40"	11"	15"	18"	22"	26"	29"	33"	37"	41"
44"	12"	16"	19"	23"	26"	30"	34"	38"	41"
48"	13"	17"	20"	24"	27"	31"	35"	38"	42"
52"	14"	18"	21"	25"	28"	32"	35"	39"	43"

Floor Supports

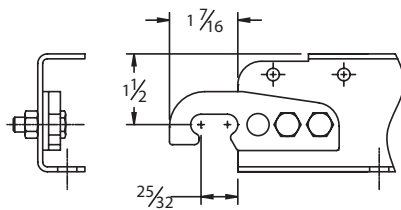
Both the weight of the conveyed items and the conveyor must be considered when selecting floor supports. The nominal height of the support is to the bottom of the conveyor frame. For hook and rod conveyor either H-stand supports or tripods may be selected.

FRAME STYLES

2-1/2" Channel



Butt Coupling



Hook & Rod Coupling

Capacity

Aluminum 2-1/2" x 1" x 1/8"

16 Lbs./Ft. on 10' support centers

120 Lbs./Ft. on 5' support centers

Steel 2-1/2" x 1" x 12 ga.

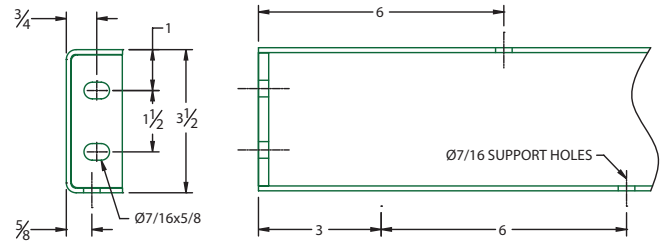
36 Lbs./Ft. on 10' support centers

260 Lbs./Ft. on 5' support centers

2-1/2" Channel

Frame Model	Frame Material	Std Coupling
1F	Painted Steel	Butt Plate
2F	Aluminum	Butt Plate
11F	Galvanized Steel	Hook & Rod Butt Plate (opt.)
12F	Aluminum	Hook & Rod Butt Plate (opt.)
9F	Painted Steel	Butt Plate

3-1/2" Channel



Butt Coupling

Capacity

Aluminum 3-1/2" x 1-3/8" x 1/8"

45 Lbs./Ft. on 10' support centers

420 Lbs./Ft. on 5' support centers

Steel 3-1/2" x 1-3/8" x 11 ga.

120 Lbs./Ft. on 10' support centers

600 Lbs./Ft. on 5' support centers

3-1/2" Channel

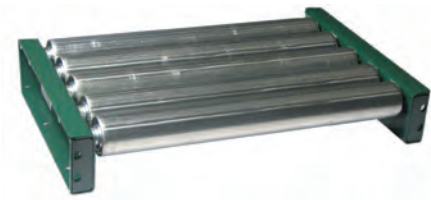
Frame Model	Frame Material	Std Coupling
4F	Aluminum	Butt Plate
7F	Galvanized Steel	Butt Plate
10F	Painted Steel	Butt Plate

GRAVITY ROLLER CONVEYOR

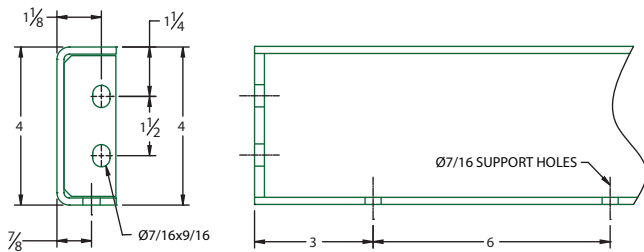
General Information

Roller Conveyor

4" Channel



4" Structural



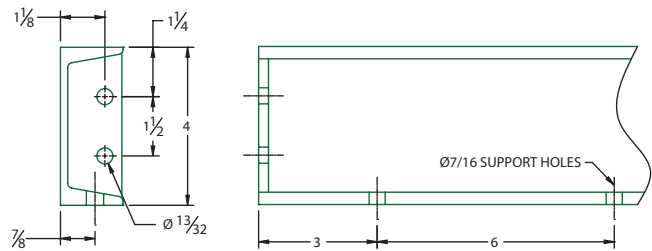
Butt Coupling

Capacity

Steel 4" x 1-1/2" x 7 ga.

230 Lbs./Ft. on 10' support centers

1,050 Lbs./Ft. on 5' support centers



Butt Coupling

Capacity

Steel 4" x 5.4 Lbs. structural

300 Lbs./Ft. on 10' support centers

1,550 Lbs./Ft. on 5' support centers

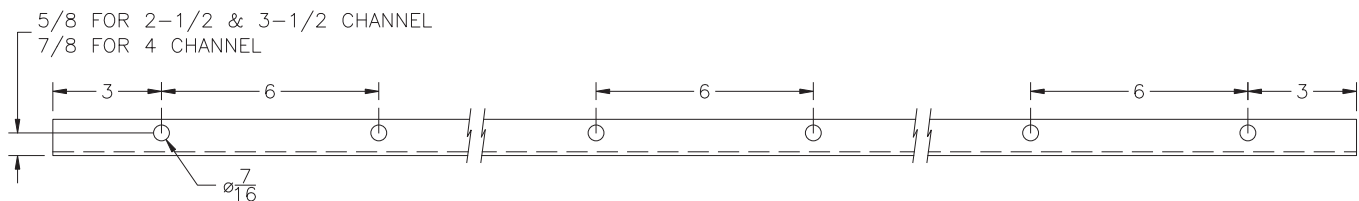
4" x 7 Ga. Formed Channel

Frame Model	Frame Material	Std Coupling
14F	Painted Steel	Butt Plate

4" x 5.4 Lbs. Structural Channel

Frame Model	Frame Material	Std Coupling
5F	Painted Steel	Butt Plate

Standard Lower Flange Hole Pattern (10' Length)



GRAVITY ROLLER CONVEYOR

B Roller

Tube 3/4" Dia. x 20 Ga. Frame 2-1/2" x 1" x 12 Ga. Steel

Construction:

Roller: Model B

Tube: 3/4" O.D. x 20 ga. plain steel

Axle: 1/4" diameter steel

Bearing: Light oil, press fit

Axle Retention: Spring retained

Frame: 2-1/2" x 1" x 12 ga. painted steel channel

Crossbraces: 1" x 1" x 1/8" steel angle

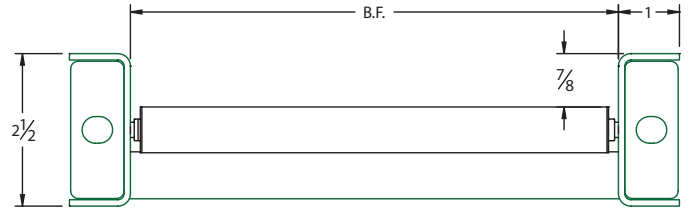
Coupling: Butt plate standard

Capacity: Weight of section must be included

Maximum distributed live load:

Frame 36 Lbs./Ft. on 10' support centers
260 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



Available Set Low Only



Roller
Conveyor

STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
1F__B01B10L	10"	1"	44	87
1F__B02B10L		2"	30	60
1F__B03B10L		3"	25	50
1F__B01B13L	13"	1"	51	101
1F__B02B13L		2"	34	67
1F__B03B13L		3"	28	56
1F__B01B15L	15"	1"	55	111
1F__B02B15L		2"	36	72
1F__B03B15L		3"	30	60
1F__B01B16L	16"	1"	58	115
1F__B02B16L		2"	38	75
1F__B03B16L		3"	31	61

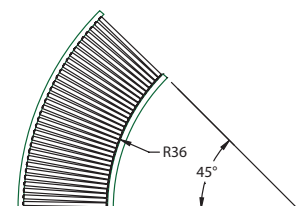
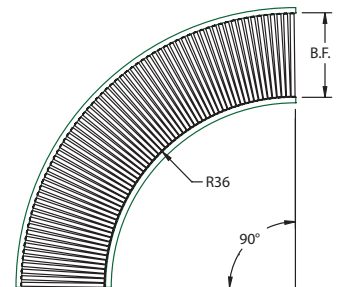
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
1F__B01B19L	19"	1"	65	130
1F__B02B19L		2"	41	83
1F__B03B19L		3"	34	67
1F__B01B21L	21"	1"	70	139
1F__B02B21L		2"	44	88
1F__B03B21L		3"	35	71
1F__B01B22L	22"	1"	72	144
1F__B02B22L		2"	45	90
1F__B03B22L		3"	36	72

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
1F__B01B10L	10"	1"	23	43
1F__B01B13L	13"	1"	26	51
1F__B01B15L	15"	1"	29	57
1F__B01B16L	16"	1"	30	60
1F__B01B19L	19"	1"	34	67
1F__B01B21L	21"	1"	37	72
1F__B01B22L	22"	1"	38	75

Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.



GRAVITY ROLLER CONVEYOR

Tube 3/4" Dia. x 20 Ga. Frame 3" x 1" x 12 Ga. Steel

B Roller

Roller
Conveyor

Construction:

Roller: Model B

Tube: 3/4" O.D. x 20 ga. plain steel

Axle: 1/4" diameter steel

Bearing: Light oil, press fit

Axle Retention: Spring retained

Frame: 3" x 1" x 12 ga. galvanized steel angle, frame is pierced so rollers may be set hi or low

Crossbraces: Gavanized steel

Coupling: None

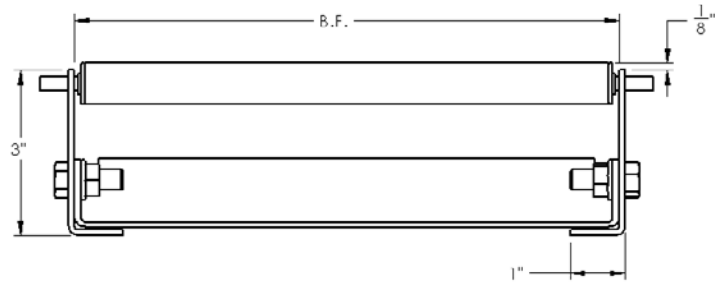
Capacity: Weight of section must be included

Maximum distributed live load:

Frame 27 Lbs./Ft. on 10' support centers

250 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. .5' (lbs.)	Wt. 10' (lbs.)
30F__B15B06	6"	1-1/2"	32	63
30F__B15B10	10"	1-1/2"	41	82
30F__B15B16	16"	1-1/2"	56	111

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

GRAVITY ROLLER CONVEYOR

EG Roller

Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 12 Ga. Steel

Construction:

Roller: Model EG

Tube: 1-3/8" O.D. x 18 ga. galvanized steel

Axle: 1/4" diameter steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 2-1/2" x 1" x 12" ga. galvanized steel channel

Crossbraces: Galvanized steel

Coupling: Zinc Plated Hook & Rod

Capacity: Weight of section must be included

Maximum distributed live load:

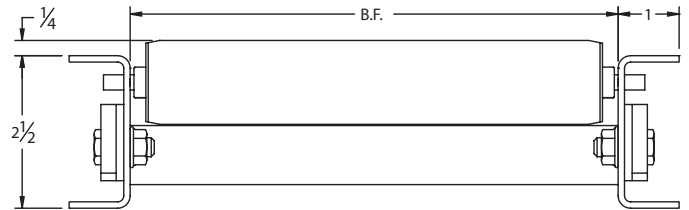
Frame 36 Lbs./Ft. on 10' support centers

260 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



Roller
Conveyor



STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
11F__EG15B07	7"	1-1/2"	43	85
11F__EG03B07		3"	30	59
11F__EG45B07		4-1/2"	26	51
11F__EG06B07		6"	23	46
11F__EG15B10	10"	1-1/2"	51	101
11F__EG03B10		3"	34	67
11F__EG45B10		4-1/2"	28	56
11F__EG06B10	6"	26	50	
11F__EG15B13	13"	1-1/2"	61	120
11F__EG03B13		3"	39	77
11F__EG45B13		4-1/2"	32	63
11F__EG06B13		6"	28	55

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
11F__EG15B15	15"	1-1/2"	66	131
11F__EG03B15		3"	42	82
11F__EG45B15		4-1/2"	34	66
11F__EG06B15		6"	30	58
11F__EG15B16	16"	1-1/2"	69	137
11F__EG03B16		3"	43	85
11F__EG45B16		4-1/2"	34	68
11F__EG06B16	6"	30	59	
11F__EG15B19	19"	1-1/2"	78	155
11F__EG03B19		3"	48	94
11F__EG45B19		4-1/2"	38	75
11F__EG06B19		6"	33	64

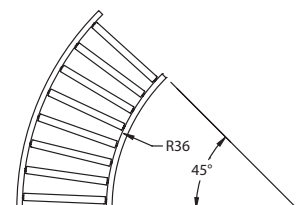
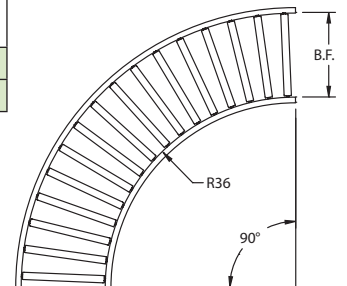
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
11F__EG15B21	21"	1-1/2"	84	166
11F__EG03B21		3"	51	100
11F__EG45B21		4-1/2"	40	79
11F__EG06B21		6"	34	67
11F__EG15B22	22"	1-1/2"	86	171
11F__EG03B22		3"	52	103
11F__EG45B22		4-1/2"	40	81
11F__EG06B22		6"	35	68

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
11F__EG15B07	7"	1-1/2"	23	44
11F__EG03B07		3"	17	32
11F__EG15B10	10"	1-1/2"	27	53
11F__EG03B10		3"	19	36
11F__EG15B13	13"	1-1/2"	32	62
11F__EG03B13		3"	21	42
11F__EG15B15	15"	1-1/2"	35	68
11F__EG03B15		3"	23	45
11F__EG15B16	16"	1-1/2"	37	71
11F__EG03B16		3"	24	46
11F__EG15B19	19"	1-1/2"	41	80
11F__EG03B19		3"	26	51
11F__EG15B21	21"	1-1/2"	44	85
11F__EG03B21		3"	28	54

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
11F__EG15B22	22"	1-1/2"	45	88
11F__EG03B22		3"	28	55



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 1/8" Ga. Al.

EA Roller

Construction:

Roller: Model EA

Tube: 1-3/8" O.D. x 18 ga. aluminum

Axle: 1/4" diameter steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 2-1/2" x 1" x 1/8" aluminum channel

Crossbraces: Extruded aluminum

Coupling: Zinc Plated Hook & Rod

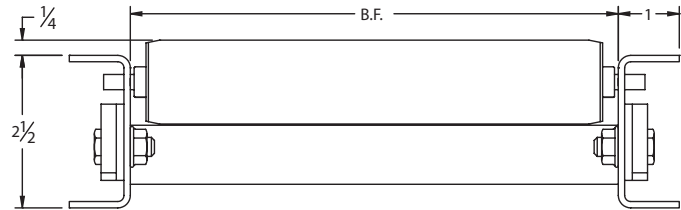
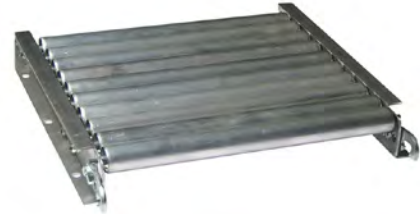
Capacity: Weight of section must be included

Maximum distributed live load:

Frame 16 Lbs./Ft. on 10' support centers

120 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. .5' (lbs.)	Wt. 10' (lbs.)
12F__EA15B07	7"	1-1/2"	23	45
12F__EA03B07		3"	15	29
12F__EA45B07		4-1/2"	12	24
12F__EA06B07		6"	11	21
12F__EA15B10	10"	1-1/2"	27	54
12F__EA03B10		3"	17	34
12F__EA45B10		4-1/2"	13	27
12F__EA06B10		6"	12	24
12F__EA15B13	13"	1-1/2"	31	62
12F__EA03B13		3"	19	38
12F__EA45B13		4-1/2"	15	30
12F__EA06B13		6"	13	26

Part Number	BF	Roller Centers	Wt. .5' (lbs.)	Wt. 10' (lbs.)
12F__EA15B15	15"	1-1/2"	34	67
12F__EA03B15		3"	20	41
12F__EA45B15		4-1/2"	16	32
12F__EA06B15		6"	14	27
12F__EA15B16	16"	1-1/2"	35	71
12F__EA03B16		3"	21	42
12F__EA45B16		4-1/2"	16	33
12F__EA06B16		6"	14	28
12F__EA15B19	19"	1-1/2"	39	79
12F__EA03B19		3"	23	42
12F__EA45B19		4-1/2"	18	36
12F__EA06B19		6"	15	30

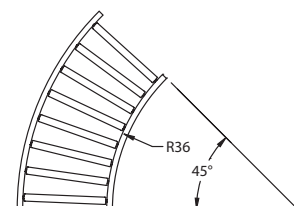
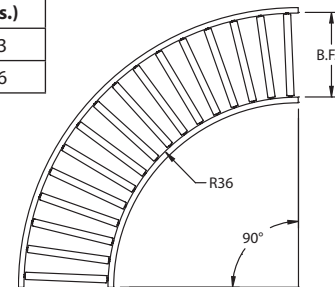
Part Number	BF	Roller Centers	Wt. .5' (lbs.)	Wt. 10' (lbs.)
12F__EA15B21	21"	1-1/2"	42	85
12F__EA03B21		3"	25	50
12F__EA45B21		4-1/2"	19	38
12F__EA06B21		6"	16	32
12F__EA15B22	22"	1-1/2"	44	87
12F__EA03B22		3"	25	51
12F__EA45B22		4-1/2"	19	39
12F__EA06B22		6"	16	33

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
12F__EA15B07	7"	1-1/2"	11	22
12F__EA03B07		3"	7	14
12F__EA15B10	10"	1-1/2"	13	26
12F__EA03B10		3"	8	17
12F__EA15B13	13"	1-1/2"	15	31
12F__EA03B13		3"	10	19
12F__EA15B15	15"	1-1/2"	16	33
12F__EA03B15		3"	10	20
12F__EA15B16	16"	1-1/2"	17	35
12F__EA03B16		3"	11	21
12F__EA15B19	19"	1-1/2"	19	39
12F__EA03B19		3"	12	24
12F__EA15B21	21"	1-1/2"	21	42
12F__EA03B21		3"	13	25

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
12F__EA15B22	22"	1-1/2"	21	43
12F__EA03B22		3"	13	26



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

EFA Roller

Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 1/8" Ga. Al.

Construction:

Roller: Model EFA

Tube: 1-3/8" O.D. x 18 ga. aluminium

Axle: 5/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 2-1/2" x 1" x 1/8" aluminium channel

Crossbraces: 1" x 1" x 1/8" aluminium angle

Coupling: Butt plate standard; Hook & Rod optional

Capacity: Weight of section must be included

Maximum distributed live load:

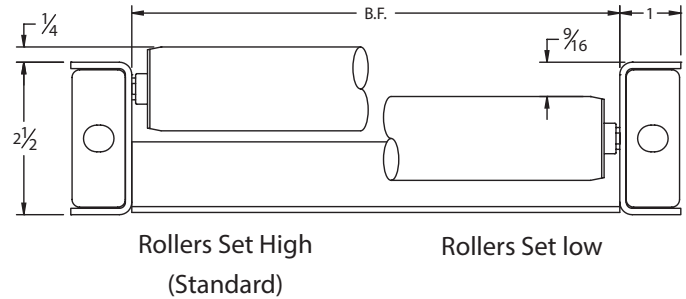
Frame 16 Lbs./Ft. on 10' support centers

120 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



Roller
Conveyor



STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
2F__EFA15B07	7"	1-1/2"	30	61
2F__EFA03B07		3"	18	37
2F__EFA45B07		4-1/2"	14	29
2F__EFA06B07		6"	13	25
2F__EFA15B10	10"	1-1/2"	36	72
2F__EFA03B10		3"	21	43
2F__EFA45B10		4-1/2"	16	33
2F__EFA06B10		6"	14	28
2F__EFA15B13	13"	1-1/2"	41	83
2F__EFA03B13		3"	24	48
2F__EFA45B13		4-1/2"	18	37
2F__EFA06B13		6"	15	31

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
2F__EFA15B15	15"	1-1/2"	45	90
2F__EFA03B15		3"	26	52
2F__EFA45B15		4-1/2"	19	40
2F__EFA06B15		6"	16	33
2F__EFA15B16	16"	1-1/2"	47	93
2F__EFA03B16		3"	27	54
2F__EFA45B16		4-1/2"	20	41
2F__EFA06B16		6"	17	34
2F__EFA15B19	19"	1-1/2"	52	104
2F__EFA03B19		3"	30	59
2F__EFA45B19		4-1/2"	22	45
2F__EFA06B19		6"	18	37

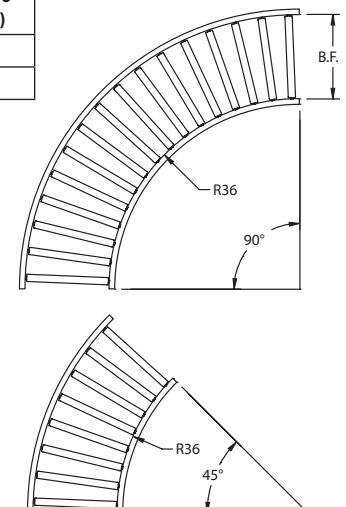
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
2F__EFA15B21	21"	1-1/2"	56	112
2F__EFA03B21		3"	32	63
2F__EFA45B21		4-1/2"	23	47
2F__EFA06B21		6"	19	39
2F__EFA15B22	22"	1-1/2"	58	115
2F__EFA03B22		3"	32	65
2F__EFA45B22		4-1/2"	24	49
2F__EFA06B22		6"	20	40

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
2F__EFA15B07	7"	1-1/2"	12	24
2F__EFA03B07		3"	8	16
2F__EFA15B10	10"	1-1/2"	15	30
2F__EFA03B10		3"	9	18
2F__EFA15B13	13"	1-1/2"	17	35
2F__EFA03B13		3"	11	21
2F__EFA15B15	15"	1-1/2"	19	39
2F__EFA03B15		3"	12	23
2F__EFA15B16	16"	1-1/2"	20	41
2F__EFA03B16		3"	12	24
2F__EFA15B19	19"	1-1/2"	23	46
2F__EFA03B19		3"	14	27
2F__EFA15B21	21"	1-1/2"	24	50
2F__EFA03B21		3"	15	29

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
2F__EFA15B22	22"	1-1/2"	25	51
2F__EFA03B22		3"	15	30



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

Tube 1-3/8" Dia. x 18 Ga. Frame 2-1/2" x 1" x 12 Ga. Steel

EFG Roller

Construction:

Roller: Model EFG

Tube: 1-3/8" O.D. x 18 ga. galvanized steel

Axle: 5/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 2-1/2" x 1" x 12" ga. painted steel channel

Crossbraces: 1-3/4" 11 ga. angle

Coupling: Butt plate standard; Hook & Rod optional

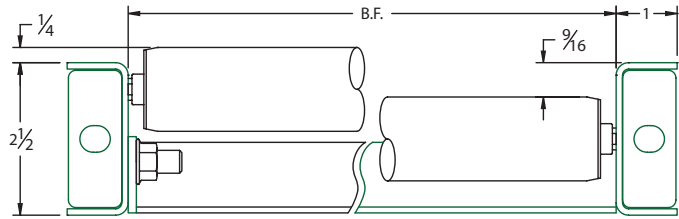
Capacity: Weight of section must be included

Maximum distributed live load:

Frame 36 Lbs./Ft. on 10' support centers

260 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



Rollers Set High
(Standard)

Rollers Set low

STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
9F__EFG15B07	7"	1-1/2"	46	91
9F__EFG03B07		3"	32	63
9F__EFG45B07		4-1/2"	26	52
9F__EFG06B07		6"	24	49
9F__EFG15B10	10"	1-1/2"	57	113
9F__EFG03B10		3"	37	75
9F__EFG45B10		4-1/2"	30	61
9F__EFG06B10		6"	28	56
9F__EFG15B13	13"	1-1/2"	67	134
9F__EFG03B13		3"	43	86
9F__EFG45B13		4-1/2"	34	69
9F__EFG06B13		6"	31	62

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
9F__EFG15B15	15"	1-1/2"	75	149
9F__EFG03B15		3"	47	94
9F__EFG45B15		4-1/2"	37	75
9F__EFG06B15		6"	33	67
9F__EFG15B16	16"	1-1/2"	78	156
9F__EFG03B16		3"	49	98
9F__EFG45B16		4-1/2"	38	78
9F__EFG06B16		6"	35	69
9F__EFG15B19	19"	1-1/2"	89	178
9F__EFG03B19		3"	55	110
9F__EFG45B19		4-1/2"	42	87
9F__EFG06B19		6"	38	76

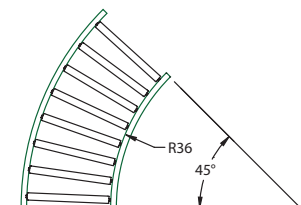
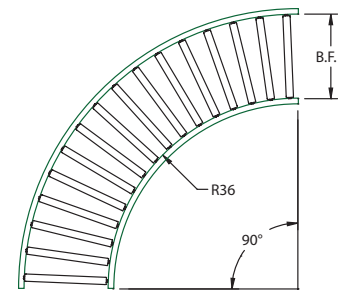
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
9F__EFG15B21	21"	1-1/2"	96	192
9F__EFG03B21		3"	59	117
9F__EFG45B21		4-1/2"	45	91
9F__EFG06B21		6"	40	80
9F__EFG15B22	22"	1-1/2"	99	199
9F__EFG03B22		3"	61	121
9F__EFG45B22		4-1/2"	47	95
9F__EFG06B22		6"	41	82

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
1F__EFG15B07	7"	1-1/2"	23	46
1F__EFG03B07		3"	16	33
1F__EFG15B10	10"	1-1/2"	28	58
1F__EFG03B10		3"	20	40
1F__EFG15B13	13"	1-1/2"	34	69
1F__EFG03B13		3"	23	46
1F__EFG15B15	15"	1-1/2"	38	77
1F__EFG03B15		3"	26	51
1F__EFG15B16	16"	1-1/2"	40	81
1F__EFG03B16		3"	27	53
1F__EFG15B19	19"	1-1/2"	45	92
1F__EFG03B19		3"	30	60
1F__EFG15B21	21"	1-1/2"	49	100
1F__EFG03B21		3"	32	65

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
1F__EFG15B22	22"	1-1/2"	51	104
1F__EFG03B22		3"	33	67



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

CG Roller Tube 1-3/8" Dia. x 16 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel

Construction:

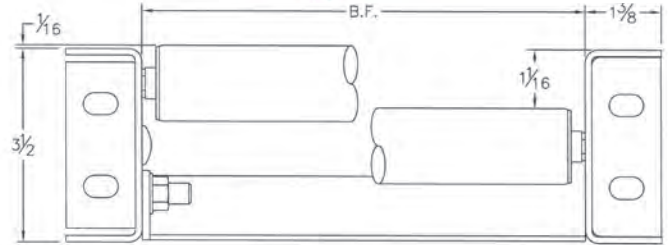
- Roller:** Model CG
- Tube:** 1-3/8" O.D. x 16 ga. galvanized steel
- Axle:** 7/16" hex steel
- Bearing:** ABEC 1 bearing
- Axle Retention:** Spring retained
- Frame:** 10F: 3-1/2" x 1-3/8" x 11 ga. painted steel channel. 7F: galvanized steel
- Crossbraces:** 1-3/4" 11ga. angle
- Coupling:** Butt plate

Capacity: Weight of section must be included
Maximum distributed live load:

- Frame 120 Lbs./Ft. on 10' support centers
600 Lbs./Ft. on 5' support centers
- Roller Refer to Roller models for capacity



Galvanized Steel Frames Available Use 7F Prefix



Rollers Set High (Standard)

Rollers Set low

STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__CG15B07	7"	1-1/2"	69	138
10F__CG03B07		3"	48	96
10F__CG06B07		6"	37	74
10F__CG15B10	10"	1-1/2"	85	169
10F__CG03B10		3"	56	112
10F__CG06B10		6"	42	84
10F__CG15B13	13"	1-1/2"	100	201
10F__CG03B13		3"	64	129
10F__CG06B13		6"	46	93
10F__CG15B15	15"	1-1/2"	111	121
10F__CG03B15		3"	70	140
10F__CG06B15		6"	49	99
10F__CG15B16	16"	1-1/2"	116	232
10F__CG03B16		3"	73	145
10F__CG06B16		6"	51	102
10F__CG15B17	17"	1-1/2"	121	242
10F__CG03B17		3"	75	151
10F__CG06B17		6"	53	105

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__CG15B19	19"	1-1/2"	131	263
10F__CG03B19		3"	81	162
10F__CG06B19		6"	56	111
10F__CG15B21	21"	1-1/2"	142	284
10F__CG03B21		3"	86	173
10F__CG06B21		6"	59	117
10F__CG15B22	22"	1-1/2"	147	294
10F__CG03B22		3"	89	178
10F__CG06B22		6"	60	120
10F__CG15B23	23"	1-1/2"	153	305
10F__CG03B23		3"	92	184
10F__CG06B23		6"	62	123
10F__CG15B25	25"	1-1/2"	163	326
10F__CG03B25		3"	97	195
10F__CG06B25		6"	65	129
10F__CG15B27	27"	1-1/2"	173	347
10F__CG03B27		3"	103	206
10F__CG06B27		6"	68	136

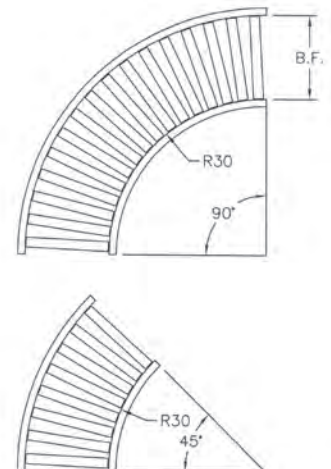
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__CG15B31	31"	1-1/2"	194	388
10F__CG03B31		3"	114	228
10F__CG06B31		6"	74	148
10F__CG15B33	33"	1-1/2"	204	409
10F__CG03B33		3"	119	239
10F__CG06B33		6"	100	154
10F__CG15B36	36"	1-1/2"	220	440
10F__CG03B36		3"	128	255
10F__CG06B36		6"	82	163

Replace " _ " in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__CG15B07	7"	1-1/2"	29	59
10F__CG03B07		3"	20	42
10F__CG15B10		10"	1-1/2"	36
10F__CG03B10	3"		24	50
10F__CG15B13	13"		1-1/2"	43
10F__CG03B13		3"	28	58
10F__CG15B15		15"	1-1/2"	47
10F__CG03B15	3"		31	64
10F__CG15B16	16"		1-1/2"	50
10F__CG03B16		3"	32	67
10F__CG15B16		17"	1-1/2"	52
10F__CG03B16	3"		33	69
10F__CG15B19	19"		1-1/2"	56
10F__CG03B19		3"	36	75
10F__CG15B21		21"	1-1/2"	61
10F__CG03B21	3"		39	80

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__CG15B22	22"	1-1/2"	63	129
10F__CG03B22		3"	40	83
10F__CG15B23		23"	1-1/2"	66
10F__CG03B23	3"		41	86
10F__CG15B25	25"		1-1/2"	70
10F__CG03B25		3"	44	91
10F__CG15B27		27"	1-1/2"	75
10F__CG03B27	3"		47	97
10F__CG15B31	31"		1-1/2"	84
10F__CG03B31		3"	52	108
10F__CG15B33		33"	1-1/2"	89
10F__CG03B33	3"		55	113
10F__CG15B36	36"		1-1/2"	95
10F__CG03B36		3"	59	122



Replace " _ " in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

Tube 1.9" Dia. x 16 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel

K/KG Roller

Construction:

Roller: Model K - plain steel or Model KG - galvanized steel tube.

Tube: 1.9" O.D. x 16 ga. steel

Axle: 7/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 10F: 3-1/2" x 1-3/8" x 11 ga. painted steel channel. 7F: galvanized steel

Crossbraces: 1-3/4" 11 ga. angle

Coupling: Butt plate

Capacity: Weight of section must be included

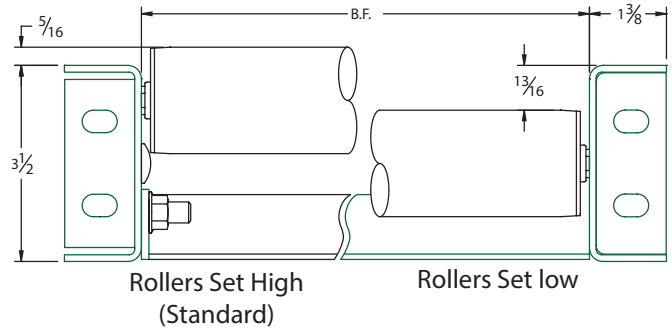
Maximum distributed live load:

Frame 120 Lbs./Ft. on 10' support centers
600 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



Galvanized Steel Frames Available Use 7F Prefix



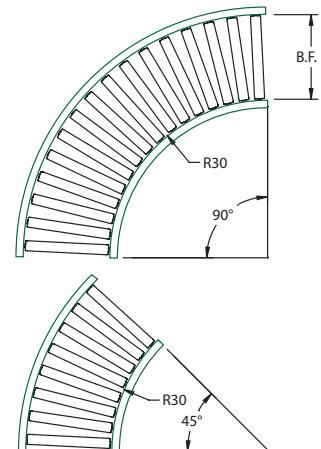
STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__K/KG03B07	7"	3"	55	111	10F__K/KG03B21	21"	3"	102	205	10F__K/KG03B36	36"	3"	153	306
10F__K/KG45B07		4-1/2"	47	92	10F__K/KG45B21		4-1/2"	81	158	10F__K/KG45B36		4-1/2"	118	229
10F__K/KG06B07		6"	41	82	10F__K/KG06B21		6"	67	133	10F__K/KG06B36		6"	94	188
10F__K/KG03B10	10"	3"	66	131	10F__K/KG03B22	22"	3"	106	211	10F__K/KG03B37	37"	3"	156	312
10F__K/KG45B10		4-1/2"	54	106	10F__K/KG45B22		4-1/2"	83	163	10F__K/KG45B37		4-1/2"	120	234
10F__K/KG06B10		6"	47	93	10F__K/KG06B22		6"	68	137	10F__K/KG06B37		6"	96	192
10F__K/KG03B13	13"	3"	76	151	10F__K/KG03B23	23"	3"	109	218	10F__K/KG03B39	39"	3"	163	326
10F__K/KG45B13		4-1/2"	61	121	10F__K/KG45B23		4-1/2"	86	168	10F__K/KG45B39		4-1/2"	125	243
10F__K/KG06B13		6"	52	104	10F__K/KG06B23		6"	70	141	10F__K/KG06B39		6"	100	199
10F__K/KG03B15	15"	3"	82	164	10F__K/KG03B25	25"	3"	116	232	10F__K/KG03B43	43"	3"	176	353
10F__K/KG45B15		4-1/2"	66	130	10F__K/KG45B25		4-1/2"	91	177	10F__K/KG45B43		4-1/2"	135	262
10F__K/KG06B15		6"	56	111	10F__K/KG06B25		6"	74	148	10F__K/KG06B43		6"	107	214
10F__K/KG03B16	16"	3"	86	171	10F__K/KG03B27	27"	3"	123	245	10F__K/KG03B47	47"	3"	190	380
10F__K/KG45B16		4-1/2"	69	135	10F__K/KG45B27		4-1/2"	96	187	10F__K/KG45B47		4-1/2"	144	281
10F__K/KG06B16		6"	58	115	10F__K/KG06B27		6"	78	155	10F__K/KG06B47		6"	114	228
10F__K/KG03B17	17"	3"	89	178	10F__K/KG03B31	31"	3"	136	272	10F__K/KG03B51	51"	3"	203	406
10F__K/KG45B17		4-1/2"	71	139	10F__K/KG45B31		4-1/2"	105	206	10F__K/KG45B51		4-1/2"	154	300
10F__K/KG06B17		6"	59	119	10F__K/KG06B31		6"	85	170	10F__K/KG06B51		6"	122	243
10F__K/KG03B19	19"	3"	96	192	10F__K/KG03B33	33"	3"	143	286					
10F__K/KG45B19		4-1/2"	76	149	10F__K/KG45B33		4-1/2"	110	215					
10F__K/KG06B19		6"	63	126	10F__K/KG06B33		6"	89	177					

Replace "__" in Part Number with "05" for 5' or "10" for 10' length. Select K or KG rollers.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)	Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__K/KG03B07	7"	3"	24	49	10F__K/KG03B25	25"	3"	55	109
10F__K/KG03B10	10"	3"	29	59	10F__K/KG03B27	27"	3"	58	116
10F__K/KG03B13	13"	3"	34	69	10F__K/KG03B31	31"	3"	65	130
10F__K/KG03B15	15"	3"	38	76	10F__K/KG03B33	33"	3"	68	136
10F__K/KG03B16	16"	3"	40	79	10F__K/KG03B36	36"	3"	73	146
10F__K/KG03B17	17"	3"	41	82	10F__K/KG03B37	37"	3"	74	147
10F__K/KG03B19	19"	3"	45	89	10F__K/KG03B39	39"	3"	78	156
10F__K/KG03B21	21"	3"	48	96	10F__K/KG03B43	43"	3"	85	171
10F__K/KG03B22	22"	3"	50	99	10F__K/KG03B47	47"	3"	92	186
10F__K/KG03B23	23"	3"	51	103	10F__K/KG03B51	51"	3"	98	201



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree. Select K or KG rollers.

GRAVITY ROLLER CONVEYOR

Tube 1.9" Dia. x 16 Ga. Frame 3-1/2" x 1-3/8" x 1/8" Al

KA Roller

Construction:

Roller: Model KA

Tube: 1.9" O.D. x 16 ga. aluminum

Axle: 7/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 3-1/2" x 1-3/8" x 1/8" aluminum channel

Crossbraces: 1-1/2" x 1-1/2" x 1/8" aluminum angle

Coupling: Butt plate

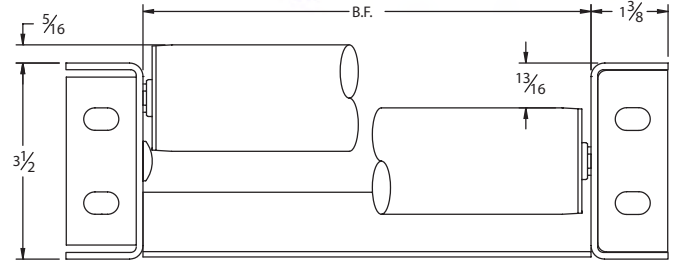
Capacity: Weight of section must be included

Maximum distributed live load:

Frame 45 Lbs./Ft. on 10' support centers

420 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



Rollers Set High
(Standard)

Rollers Set low

Roller
Conveyor

STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lb.)
4F__KA03B07	7"	3"	27	53
4F__KA45B07		4-1/2"	21	40
4F__KA06B07		6"	17	33
4F__KA03B10	10"	3"	32	63
4F__KA45B10		4-1/2"	24	47
4F__KA06B10	6"	19	39	
4F__KA03B13	13"	3"	37	74
4F__KA45B13		4-1/2"	28	54
4F__KA06B13		6"	22	44
4F__KA03B15	15"	3"	40	81
4F__KA45B15		4-1/2"	30	59
4F__KA06B15	6"	24	48	
4F__KA03B16	16"	3"	42	84
4F__KA45B16		4-1/2"	32	62
4F__KA06B16		6"	25	49
4F__KA03B17	17"	3"	44	88
4F__KA45B17		4-1/2"	33	64
4F__KA06B17		6"	26	51
4F__KA03B19	19"	3"	47	95
4F__KA45B19		4-1/2"	35	69
4F__KA06B19		6"	27	55

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lb.)
4F__KA03B21	21"	3"	51	102
4F__KA45B21		4-1/2"	38	74
4F__KA06B21		6"	29	59
4F__KA03B22	22"	3"	53	105
4F__KA45B22		4-1/2"	39	76
4F__KA06B22	6"	30	60	
4F__KA03B23	23"	3"	54	108
4F__KA45B23		4-1/2"	40	78
4F__KA06B23		6"	31	62
4F__KA03B25	25"	3"	58	116
4F__KA45B25		4-1/2"	43	83
4F__KA06B25	6"	33	66	
4F__KA03B27	27"	3"	61	123
4F__KA45B27		4-1/2"	45	88
4F__KA06B27		6"	35	69
4F__KA03B31	31"	3"	68	136
4F__KA45B31		4-1/2"	50	97
4F__KA06B31		6"	38	76
4F__KA03B33	33"	3"	72	148
4F__KA45B33		4-1/2"	53	103
4F__KA06B33		6"	40	82

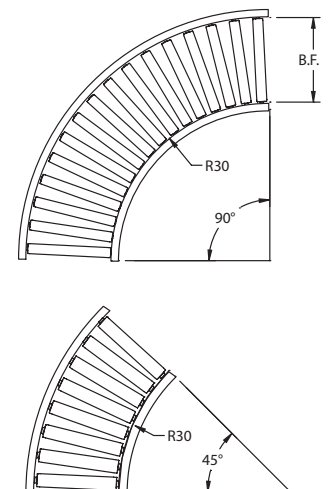
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lb.)
4F__KA03B36	36"	3"	77	154
4F__KA45B36		4-1/2"	56	109
4F__KA06B36		6"	43	86
4F__KA03B37	37"	3"	79	157
4F__KA45B37		4-1/2"	58	112
4F__KA06B37	6"	44	87	
4F__KA03B39	39"	3"	82	164
4F__KA45B39		4-1/2"	60	117
4F__KA06B39		6"	46	91
4F__KA03B43	43"	3"	89	178
4F__KA45B43		4-1/2"	65	126
4F__KA06B43	6"	49	98	
4F__KA03B47	47"	3"	96	192
4F__KA45B47		4-1/2"	70	136
4F__KA06B47		6"	53	105
4F__KA03B51	51"	3"	103	206
4F__KA45B51		4-1/2"	75	146
4F__KA06B51		6"	56	113

Replace " __ " in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
4F__KA03B07	7"	3"	11	22
4F__KA03B10	10"	3"	13	27
4F__KA03B13	13"	3"	16	32
4F__KA03B15	15"	3"	17	35
4F__KA03B16	16"	3"	18	36
4F__KA03B17	17"	3"	19	38
4F__KA03B19	19"	3"	20	41
4F__KA03B21	21"	3"	22	44
4F__KA03B22	22"	3"	23	46
4F__KA03B23	23"	3"	24	47

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
4F__KA03B25	25"	3"	25	50
4F__KA03B27	27"	3"	27	53
4F__KA03B31	31"	3"	30	60
4F__KA03B33	33"	3"	31	63
4F__KA03B36	36"	3"	34	67
4F__KA03B37	37"	3"	34	69
4F__KA03B39	39"	3"	36	N/A
4F__KA03B43	43"	3"	39	N/A
4F__KA03B47	47"	3"	42	N/A
4F__KA03B51	51"	3"	45	N/A



Replace " __ " in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

DG Roller

Tube 1.9" Dia. x 12 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel

Construction:

Roller: Model DG

Tube: 1.9" O.D. x 12 ga. galvanized steel

Axle: 7/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 10F: 3-1/2" x 1-3/8" x 11 ga. painted steel channel. 7F: galvanized steel

Crossbraces: 1-3/4" 11 ga. angle

Coupling: Butt plate

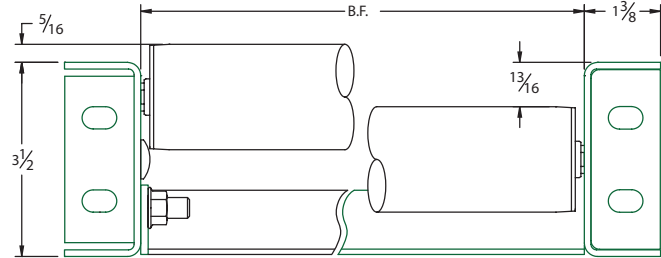
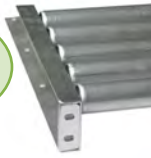
Capacity: Weight of section must be included

Maximum distributed live load:

Frame 120 Lbs./Ft. on 10' support centers
600 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity

Galvanized Steel
Frames Available
Use 7F Prefix



Rollers Set High
(Standard)

Rollers Set low

STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__DG03B07	7"	3"	65	131
10F__DG45B07		4-1/2"	54	106
10F__DG06B07		6"	46	92
10F__DG03B10	10"	3"	80	159
10F__DG45B10		4-1/2"	64	125
10F__DG06B10		6"	54	107
10F__DG03B13	13"	3"	94	187
10F__DG45B13		4-1/2"	74	145
10F__DG06B13		6"	61	122
10F__DG03B15	15"	3"	94	188
10F__DG45B15		4-1/2"	75	146
10F__DG06B15		6"	62	123
10F__DG03B16	16"	3"	108	216
10F__DG45B16		4-1/2"	84	164
10F__DG06B16		6"	69	137
10F__DG03B17	17"	3"	112	225
10F__DG45B17		4-1/2"	88	171
10F__DG06B17		6"	71	142
10F__DG03B19	19"	3"	122	244
10F__DG45B19		4-1/2"	94	184
10F__DG06B19		6"	76	152

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__DG03B21	21"	3"	131	262
10F__DG45B21		4-1/2"	101	197
10F__DG06B21		6"	81	162
10F__DG03B22	22"	3"	136	272
10F__DG45B22		4-1/2"	104	204
10F__DG06B22		6"	84	167
10F__DG03B23	23"	3"	141	281
10F__DG45B23		4-1/2"	108	210
10F__DG06B23		6"	86	172
10F__DG03B25	25"	3"	150	300
10F__DG45B25		4-1/2"	115	224
10F__DG06B25		6"	91	182
10F__DG03B27	27"	3"	160	319
10F__DG45B27		4-1/2"	122	237
10F__DG06B27		6"	96	192
10F__DG03B31	31"	3"	178	357
10F__DG45B31		4-1/2"	135	263
10F__DG06B31		6"	106	212
10F__DG03B33	33"	3"	188	376
10F__DG45B33		4-1/2"	142	276
10F__DG06B33		6"	111	222

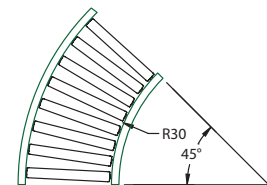
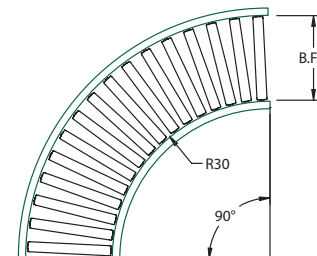
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__DG03B36	36"	3"	202	404
10F__DG45B36		4-1/2"	152	296
10F__DG06B36		6"	119	237
10F__DG03B37	37"	3"	207	413
10F__DG45B37		4-1/2"	155	302
10F__DG06B37		6"	121	242
10F__DG03B39	39"	3"	216	432
10F__DG45B39		4-1/2"	162	315
10F__DG06B39		6"	126	252
10F__DG03B43	43"	3"	235	470
10F__DG45B43		4-1/2"	176	341
10F__DG06B43		6"	136	272
10F__DG03B47	47"	3"	254	508
10F__DG45B47		4-1/2"	189	368
10F__DG06B47		6"	146	292
10F__DG03B51	51"	3"	273	545
10F__DG45B51		4-1/2"	203	394
10F__DG06B51		6"	156	312

Replace " __ " in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__DG03B07	7"	3"	28	57
10F__DG03B10	10"	3"	35	70
10F__DG03B13	13"	3"	42	83
10F__DG03B15	15"	3"	46	92
10F__DG03B16	16"	3"	48	97
10F__DG03B17	17"	3"	51	101
10F__DG03B19	19"	3"	55	110
10F__DG03B21	21"	3"	59	119
10F__DG03B22	22"	3"	62	123
10F__DG03B23	23"	3"	64	128

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__DG03B25	25"	3"	68	137
10F__DG03B27	27"	3"	73	146
10F__DG03B31	31"	3"	82	163
10F__DG03B33	33"	3"	86	172
10F__DG03B36	36"	3"	93	186
10F__DG03B37	37"	3"	95	190
10F__DG03B39	39"	3"	99	199
10F__DG03B43	43"	3"	108	217
10F__DG03B47	47"	3"	117	235
10F__DG03B51	51"	3"	126	253



Replace " __ " in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

Tube 1.9" Dia. x 9 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel

KD Roller

Construction:

Roller: Model KD

Tube: 1.9" O.D. x 9 ga. plain steel

Axle: 7/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 10F: 3-1/2" x 1-3/8" x 11 ga. painted steel channel. 7F: galvanized steel

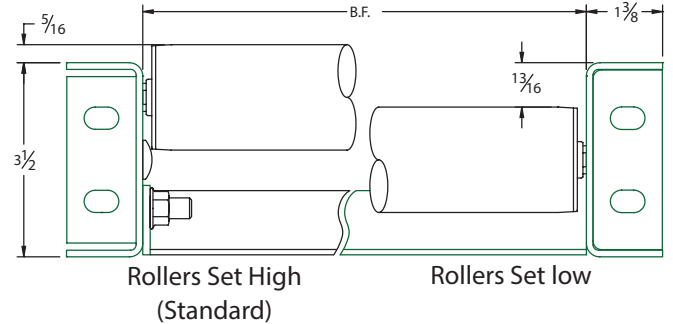
Crossbraces: 1-3/4" 11 ga. angle

Coupling: Butt plate

Capacity: Weight of section must be included
Maximum distributed live load:

<u>Frame</u>	120 Lbs./Ft. on 10' support centers
	600 Lbs./Ft. on 5' support centers
<u>Roller</u>	Refer to Roller models for capacity

Galvanized Steel
Frames Available
Use 7F Prefix



Roller
Conveyor

STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (Lbs.)	Wt. 10' (lbs.)
10F__KD03B07	7"	3"	75	150
10F__KD45B07		4-1/2"	60	118
10F__KD06B07		6"	51	101
10F__KD03B10	10"	3"	92	185
10F__KD45B10		4-1/2"	73	142
10F__KD06B10		6"	60	120
10F__KD03B13	13"	3"	110	220
10F__KD45B13		4-1/2"	86	167
10F__KD06B13		6"	69	138
10F__KD03B15	15"	3"	122	243
10F__KD45B15		4-1/2"	94	183
10F__KD06B15		6"	75	151
10F__KD03B16	16"	3"	128	255
10F__KD45B16		4-1/2"	98	199
10F__KD06B16		6"	78	157
10F__KD03B17	17"	3"	133	267
10F__KD45B17		4-1/2"	102	199
10F__KD06B17		6"	82	163
10F__KD03B19	19"	3"	145	290
10F__KD45B19		4-1/2"	111	215
10F__KD06B19		6"	88	175

Part Number	BF	Roller Centers	Wt. 5' (Lbs.)	Wt. 10' (lbs.)
10F__KD03B21	21"	3"	157	314
10F__KD45B21		4-1/2"	119	232
10F__KD06B21		6"	94	188
10F__KD03B22	22"	3"	163	325
10F__KD45B22		4-1/2"	123	240
10F__KD06B22		6"	97	194
10F__KD03B23	23"	3"	168	337
10F__KD45B23		4-1/2"	127	248
10F__KD06B23		6"	100	200
10F__KD03B25	25"	3"	180	360
10F__KD45B25		4-1/2"	136	264
10F__KD06B25		6"	106	212
10F__KD03B27	27"	3"	192	384
10F__KD45B27		4-1/2"	144	280
10F__KD06B27		6"	112	224
10F__KD03B31	31"	3"	215	430
10F__KD45B31		4-1/2"	161	312
10F__KD06B31		6"	125	249
10F__KD03B33	33"	3"	227	454
10F__KD45B33		4-1/2"	169	329
10F__KD06B33		6"	131	261

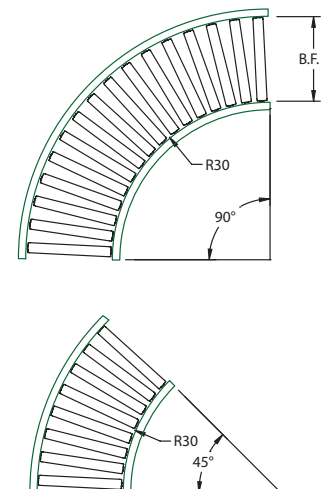
Part Number	BF	Roller Centers	Wt. 5' (Lbs.)	Wt. 10' (lbs.)
10F__KD03B36	36"	3"	245	489
10F__KD45B36		4-1/2"	182	353
10F__KD06B36		6"	140	280
10F__KD03B37	37"	3"	250	500
10F__KD45B37		4-1/2"	186	361
10F__KD06B37		6"	143	286
10F__KD03B39	39"	3"	262	524
10F__KD45B39		4-1/2"	194	377
10F__KD06B39		6"	149	298
10F__KD03B43	43"	3"	285	571
10F__KD45B43		4-1/2"	211	410
10F__KD06B43		6"	161	323
10F__KD03B47	47"	3"	309	618
10F__KD45B47		4-1/2"	228	442
10F__KD06B47		6"	174	347
10F__KD03B51	51"	3"	332	664
10F__KD45B51		4-1/2"	244	474
10F__KD06B51		6"	186	372

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__KD03B07	7"	3"	32	64
10F__KD03B10	10"	3"	40	80
10F__KD03B13	13"	3"	48	96
10F__KD03B15	15"	3"	54	107
10F__KD03B16	16"	3"	56	113
10F__KD03B17	17"	3"	59	118
10F__KD03B19	19"	3"	64	129
10F__KD03B21	21"	3"	70	139
10F__KD03B22	22"	3"	72	145
10F__KD03B23	23"	3"	75	150

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__KD03B25	25"	3"	80	161
10F__KD03B27	27"	3"	86	171
10F__KD03B31	31"	3"	96	193
10F__KD03B33	33"	3"	102	204
10F__KD03B36	36"	3"	110	220
10F__KD03B37	37"	3"	112	225
10F__KD03B39	39"	3"	118	236
10F__KD03B43	43"	3"	129	258
10F__KD03B47	47"	3"	139	280
10F__KD03B51	51"	3"	150	302



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

U/UG Roller Tube 2-1/2" Dia. x 14 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel

Construction:

Roller: Model U - plain steel or Model UG - galvanized steel tube

Tube: 2-1/2" O.D. x 14 ga. steel

Axle: 7/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 10F: 3-1/2" x 1-3/8" x 11 ga. painted steel channel. 7F: galvanized steel

Crossbraces: 1-3/4" 11 ga. angle

Coupling: Butt plate

Capacity: Weight of section must be included

Maximum distributed live load:

Frame 120 Lbs./Ft. on 10' support centers
600 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity

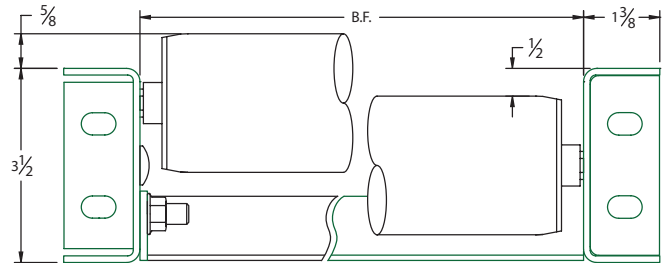


UG Rollers



U Rollers

Galvanized Steel Frames Available Use 7F Prefix



Rollers Set High (Standard)

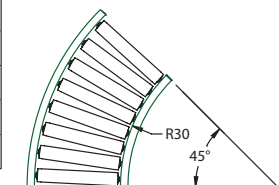
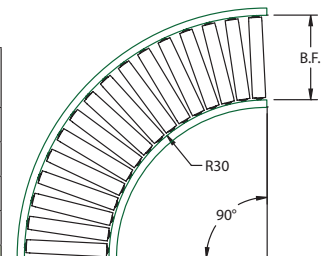
Rollers Set low

STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__U/UG03B07	7"	3"	71	142	10F__U/UG03B21	21"	3"	138	276	10F__U/UG03B36	36"	3"	210	420
10F__U/UG45B07		4-1/2"	58	113	10F__U/UG45B21		4-1/2"	106	206	10F__U/UG45B36		4-1/2"	158	307
10F__U/UG06B07		6"	49	97	10F__U/UG06B21		6"	84	169	10F__U/UG06B36		6"	123	245
10F__U/UG03B10	10"	3"	85	171	10F__U/UG03B22	22"	3"	143	286	10F__U/UG03B37	37"	3"	215	430
10F__U/UG45B10		4-1/2"	68	133	10F__U/UG45B22		4-1/2"	109	213	10F__U/UG45B37		4-1/2"	161	313
10F__U/UG06B10		6"	56	113	10F__U/UG06B22		6"	87	174	10F__U/UG06B37		6"	125	251
10F__U/UG03B13	13"	3"	100	199	10F__U/UG03B23	23"	3"	148	296	10F__U/UG03B39	39"	3"	225	449
10F__U/UG45B13		4-1/2"	78	153	10F__U/UG45B23		4-1/2"	113	220	10F__U/UG45B39		4-1/2"	168	327
10F__U/UG06B13		6"	64	128	10F__U/UG06B23		6"	90	179	10F__U/UG06B39		6"	130	261
10F__U/UG03B15	15"	3"	109	218	10F__U/UG03B25	25"	3"	157	315	10F__U/UG03B43	43"	3"	243	488
10F__U/UG45B15		4-1/2"	85	166	10F__U/UG45B25		4-1/2"	120	233	10F__U/UG45B43		4-1/2"	182	353
10F__U/UG06B15		6"	69	138	10F__U/UG06B26		6"	95	189	10F__U/UG06B43		6"	141	281
10F__U/UG03B16	16"	3"	114	228	10F__U/UG03B27	27"	3"	167	334	10F__U/UG03B37	47"	3"	263	526
10F__U/UG45B16		4-1/2"	89	173	10F__U/UG45B27		4-1/2"	127	247	10F__U/UG45B37		4-1/2"	196	380
10F__U/UG06B16		6"	72	143	10F__U/UG06B27		6"	100	200	10F__U/UG06B37		6"	151	302
10F__U/UG03B17	17"	3"	119	238	10F__U/UG03B31	31"	3"	186	372	10F__U/UG03B51	51"	3"	282	564
10F__U/UG45B17		4-1/2"	92	180	10F__U/UG45B31		4-1/2"	140	273	10F__U/UG45B51		4-1/2"	209	407
10F__U/UG06B17		6"	74	148	10F__U/UG06B31		6"	110	220	10F__U/UG06B51		6"	161	322
10F__U/UG03B19	19"	3"	128	257	10F__U/UG03B33	33"	3"	196	392	Replace "__" in Part Number with "05" for 5' or "10" for 10' length. Select U or UG rollers.				
10F__U/UG45B19		4-1/2"	99	193	10F__U/UG45B33		4-1/2"	147	287					
10F__U/UG06B19		6"	79	159	10F__U/UG06B33		6"	115	230					

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)	Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
10F__U/UG03B07	7"	3"	31	61	10F__U/UG03B25	25"	3"	71	143
10F__U/UG03B10	10"	3"	37	75	10F__U/UG03B27	27"	3"	76	152
10F__U/UG03B13	13"	3"	44	88	10F__U/UG03B31	31"	3"	85	170
10F__U/UG03B15	15"	3"	49	97	10F__U/UG03B33	33"	3"	89	179
10F__U/UG03B16	16"	3"	51	102	10F__U/UG03B36	36"	3"	96	192
10F__U/UG03B17	17"	3"	53	106	10F__U/UG03B37	37"	3"	98	197
10F__U/UG03B19	19"	3"	58	115	10F__U/UG03B39	39"	3"	103	206
10F__U/UG03B21	21"	3"	62	124	10F__U/UG03B43	43"	3"	112	224
10F__U/UG03B22	22"	3"	64	129	10F__U/UG03B47	47"	3"	121	242
10F__U/UG03B23	23"	3"	67	134	10F__U/UG03B51	51"	3"	130	260



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree. Select U or UG rollers.

GRAVITY ROLLER CONVEYOR

Tube 2-1/2" Dia. x 11 Ga. Frame 4" x 1-1/2" x 7 Ga. Steel

S/SG Roller

Construction:

Roller: Model S - plain steel or Model SG galvanized steel tube

Tube: 2-1/2" O.D. x 11 ga. steel

Axle: 11/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 4" x 1-1/2" x 7 ga. painted steel channel

Crossbraces: 1-3/4" 11 ga. angle

Coupling: Butt plate

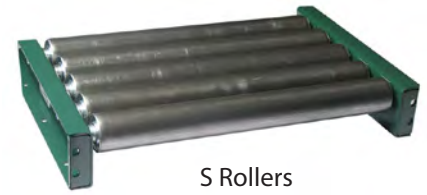
Capacity: Weight of section must be included

Maximum distributed live load:

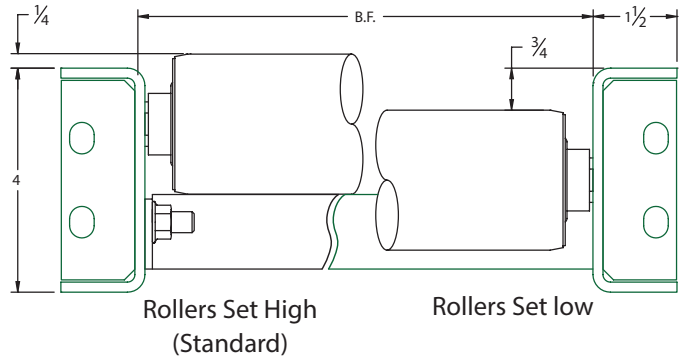
<u>Frame</u>	230 Lbs./Ft. on 10' support centers
	1,050 Lbs./Ft. on 5' support centers
<u>Roller</u>	Refer to Roller models for capacity



SG Rollers



S Rollers



Roller Conveyor

STRAIGHT SECTIONS - 5' & 10' LENGTHS

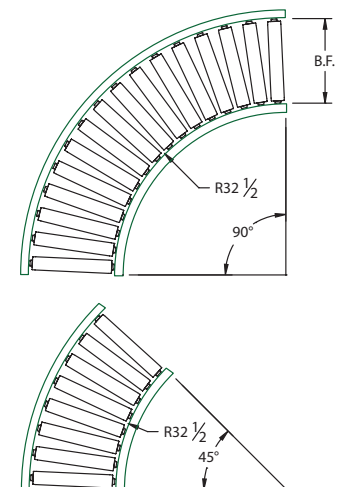
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
14F__S/SG03B10		3"	144	288	14F__S/SG03B22		3"	237	473	14F__S/SG03B37		3"	352	704
14F__S/SG45B10	10"	4-1/2"	115	224	14F__S/SG45B22	22"	4-1/2"	180	351	14F__S/SG45B37	37"	4-1/2"	263	510
14F__S/SG06B10		6"	95	190	14F__S/SG06B22		6"	143	286	14F__S/SG06B37		6"	203	406
14F__S/SG03B13		3"	167	335	14F__S/SG03B23		3"	244	489	14F__S/SG03B39		3"	368	735
14F__S/SG45B13	13"	4-1/2"	131	256	14F__S/SG45B23	23"	4-1/2"	186	362	14F__S/SG45B39	39"	4-1/2"	274	531
14F__S/SG06B13		6"	107	214	14F__S/SG06B23		6"	147	294	14F__S/SG06B39		6"	211	422
14F__S/SG03B15		3"	183	365	14F__S/SG03B25		3"	260	519	14F__S/SG03B43		3"	403	806
14F__S/SG45B15	15"	4-1/2"	142	277	14F__S/SG45B25	25"	4-1/2"	197	383	14F__S/SG45B43	43"	4-1/2"	300	583
14F__S/SG06B15		6"	115	230	14F__S/SG06B25		6"	155	310	14F__S/SG06B43		6"	231	463
14F__S/SG03B16		3"	190	381	14F__S/SG03B27		3"	275	550	14F__S/SG03B47		3"	434	868
14F__S/SG45B16	16"	4-1/2"	148	288	14F__S/SG45B27	27"	4-1/2"	208	404	14F__S/SG45B47	47"	4-1/2"	322	626
14F__S/SG06B16		6"	119	238	14F__S/SG06B27		6"	163	326	14F__S/SG06B47		6"	248	496
14F__S/SG03B17		3"	198	396	14F__S/SG03B31		3"	306	612	14F__S/SG03B51		3"	465	931
14F__S/SG45B17	17"	4.5"	153	298	14F__S/SG45B31	31"	4-1/2"	230	447	14F__S/SG45B51	51"	4-1/2"	345	669
14F__S/SG06B17		6"	123	246	14F__S/SG06B31		6"	179	358	14F__S/SG06B51		6"	264	529
14F__S/SG03B19		3"	214	427	14F__S/SG03B33		3"	321	643					
14F__S/SG45B19	19"	4-1/2"	164	320	14F__S/SG45B33	33"	4-1/2"	241	468					
14F__S/SG06B19		6"	131	262	14F__S/SG06B33		6"	187	374					
14F__S/SG03B21		3"	229	458	14F__S/SG03B36		3"	344	689					
14F__S/SG45B21	21"	4-1/2"	175	341	14F__S/SG45B36	36"	4-1/2"	257	500					
14F__S/SG06B21		6"	139	278	14F__S/SG06B36		6"	199	398					

Replace "__" in Part Number with "05" for 5' or "10" for 10' length. Select S or SG rollers.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)	Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
14F__S/SG03B10	10"	3"	63	132	14F__S/SG03B27	27"	3"	124	258
14F__S/SG03B13	13"	3"	74	154	14F__S/SG03B31	31"	3"	138	288
14F__S/SG03B15	15"	3"	81	169	14F__S/SG03B33	33"	3"	145	303
14F__S/SG03B16	16"	3"	85	176	14F__S/SG03B36	36"	3"	155	325
14F__S/SG03B17	17"	3"	88	184	14F__S/SG03B37	37"	3"	159	333
14F__S/SG03B19	19"	3"	95	199	14F__S/SG03B39	39"	3"	166	351
14F__S/SG03B21	21"	3"	102	214	14F__S/SG03B43	43"	3"	185	388
14F__S/SG03B22	22"	3"	106	221	14F__S/SG03B47	47"	3"	199	424
14F__S/SG03B23	23"	3"	109	228	14F__S/SG03B51	51"	3"	214	460
14F__S/SG03B25	25"	3"	116	243					

Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree. Select S or SG rollers.



GRAVITY ROLLER CONVEYOR

Tube 2-5/8" Dia. x 7 Ga. Frame 4" x 1-1/2" x 7 Ga. Steel

T Roller

Construction:

Roller: Model T

Tube: 2-5/8" O.D. x 7 ga. plain steel

Axle: 11/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 4" x 1-1/2" x 7 ga. painted steel channel

Crossbraces: 1-3/4" 11ga. angle

Coupling: Butt plate

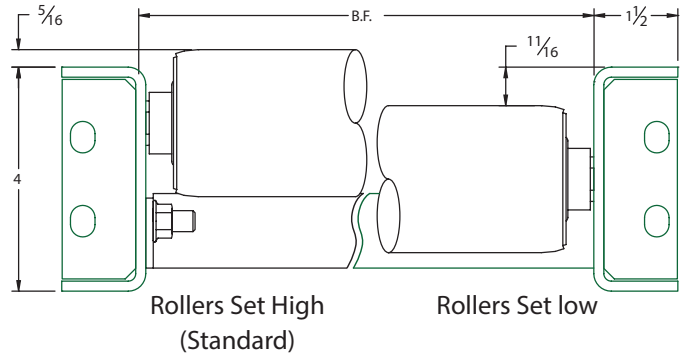
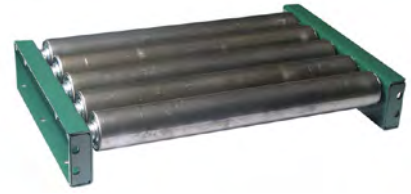
Capacity: Weight of section must be included

Maximum distributed live load:

Frame 230 Lbs./Ft. on 10' support centers

1,050 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
14F__T03B10	10"	3"	169	338
14F__T45B10		4-1/2"	132	258
14F__T06B10		6"	107	214
14F__T03B13	13"	3"	200	401
14F__T45B13		4-1/2"	154	301
14F__T06B13		6"	123	247
14F__T03B15	15"	3"	221	443
14F__T45B15		4-1/2"	169	329
14F__T06B15		6"	134	268
14F__T03B16	16"	3"	232	464
14F__T45B16		4-1/2"	176	344
14F__T06B16		6"	140	279
14F__T03B17	17"	3"	242	485
14F__T45B17		4-1/2"	184	358
14F__T06B17		6"	145	290
14F__T03B19	19"	3"	263	527
14F__T45B19		4-1/2"	199	387
14F__T06B19		6"	156	312
14F__T03B21	21"	3"	284	556
14F__T45B21		4-1/2"	214	408
14F__T06B21		6"	167	328

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
14F__T03B22	22"	3"	295	576
14F__T45B22		4-1/2"	221	422
14F__T06B22		6"	172	339
14F__T03B23	23"	3"	305	597
14F__T45B23		4-1/2"	229	436
14F__T06B23		6"	177	349
14F__T03B25	25"	3"	326	638
14F__T45B25		4-1/2"	243	464
14F__T06B25		6"	188	370
14F__T03B27	27"	3"	347	679
14F__T45B27		4-1/2"	258	492
14F__T06B27		6"	199	392
14F__T03B31	31"	3"	389	761
14F__T45B31		4-1/2"	288	548
14F__T06B31		6"	221	434
14F__T03B33	33"	3"	410	802
14F__T45B33		4-1/2"	303	576
14F__T06B33		6"	231	455
14F__T03B36	36"	3"	341	890
14F__T45B36		4-1/2"	255	636
14F__T06B36		6"	197	499

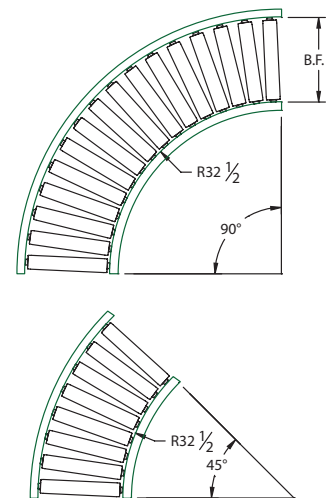
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
14F__T03B37	37"	3"	349	911
14F__T45B37		4-1/2"	260	650
14F__T06B37		6"	201	509
14F__T03B39	39"	3"	364	953
14F__T45B39		4-1/2"	271	679
14F__T06B39		6"	209	531
14F__T03B43	43"	3"	399	1,047
14F__T45B43		4-1/2"	298	745
14F__T06B43		6"	230	583
14F__T03B47	47"	3"	431	1,131
14F__T45B47		4-1/2"	320	804
14F__T06B47		6"	246	627
14F__T03B51	51"	3"	462	1,216
14F__T45B51		4-1/2"	342	862
14F__T06B51		6"	263	671

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
14F__T03B10	10"	3"	64	134
14F__T03B13	13"	3"	75	157
14F__T03B15	15"	3"	83	172
14F__T03B16	16"	3"	86	180
14F__T03B17	17"	3"	90	187
14F__T03B19	19"	3"	97	203
14F__T03B21	21"	3"	105	218
14F__T03B22	22"	3"	108	226
14F__T03B23	23"	3"	112	233
14F__T03B25	25"	3"	119	249

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
14F__T03B27	27"	3"	126	264
14F__T03B31	31"	3"	141	295
14F__T03B33	33"	3"	148	310
14F__T03B36	36"	3"	159	333
14F__T03B37	37"	3"	163	341
14F__T03B39	39"	3"	170	359
14F__T03B43	43"	3"	185	396
14F__T03B47	47"	3"	199	433
14F__T03B51	51"	3"	214	470



Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.

GRAVITY ROLLER CONVEYOR

S/SG Roller

Tube 2-1/2" Dia. x 11 Ga. Frame 4" x 5.4 Lbs. Structural Steel

Construction:

Roller: Model S - plain steel or Model SG galvanized steel tube

Tube: 2-1/2" O.D. x 11 ga. steel

Axle: 11/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 4" x 5.4 Lbs. structural painted steel channel

Crossbraces: 1-3/4" x 1-3/4" x 3/16" steel angle

Coupling: Butt plate

Capacity: Weight of section must be included

Maximum distributed live load:

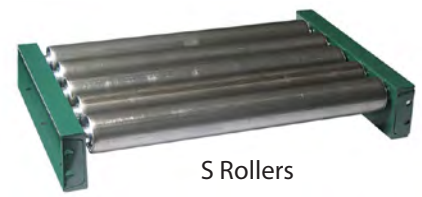
Frame 300 Lbs./Ft. on 10' support centers

1,550 Lbs./Ft. on 5' support centers

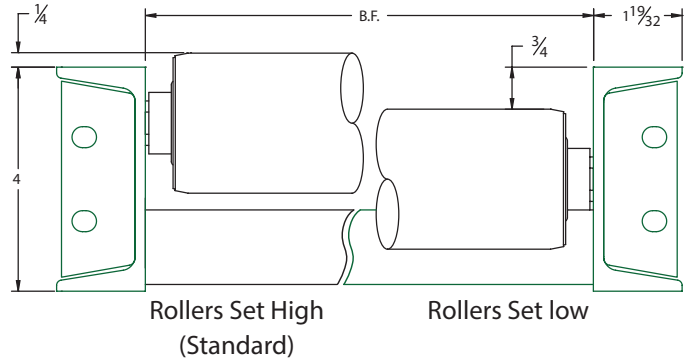
Roller Refer to Roller models for capacity



SG Rollers



S Rollers



Roller Conveyor

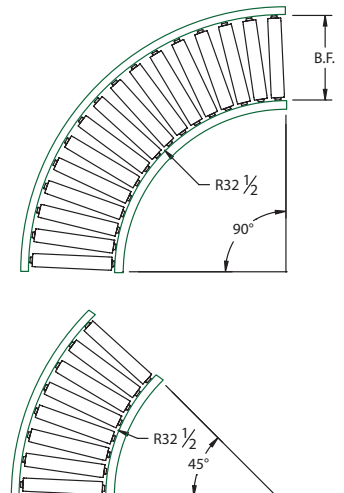
STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
5F__S/SG03B10	10"	3"	156	311	5F__S/SG03B22	22"	3"	248	496	5F__S/SG03B37	37"	3"	364	727
5F__S/SG45B10		4-1/2"	126	247	5F__S/SG45B22		4-1/2"	192	374	5F__S/SG45B37		4-1/2"	274	533
5F__S/SG06B10		6"	106	213	5F__S/SG06B22		6"	154	309	5F__S/SG06B37		6"	214	429
5F__S/SG03B13	13"	3"	179	357	5F__S/SG03B23	23"	3"	256	511	5F__S/SG03B39	39"	3"	379	758
5F__S/SG45B13		4-1/2"	142	279	5F__S/SG45B23		4-1/2"	197	385	5F__S/SG45B39		4-1/2"	285	554
5F__S/SG06B13	15"	6"	118	237	5F__S/SG06B23	25"	6"	158	317	5F__S/SG06B39	43"	6"	222	445
5F__S/SG03B15		3"	194	388	5F__S/SG03B25		3"	271	542	5F__S/SG03B43		3"	414	829
5F__S/SG45B15		4-1/2"	153	300	5F__S/SG45B25		4-1/2"	208	406	5F__S/SG45B43		4-1/2"	311	606
5F__S/SG06B15	16"	6"	126	253	5F__S/SG06B25	27"	6"	166	333	5F__S/SG06B43	47"	6"	243	486
5F__S/SG03B16		3"	202	404	5F__S/SG03B27		3"	287	573	5F__S/SG03B47		3"	445	891
5F__S/SG45B16	17"	4-1/2"	159	311	5F__S/SG45B27	31"	4-1/2"	219	427	5F__S/SG45B47	51"	4-1/2"	334	649
5F__S/SG06B16		6"	130	261	5F__S/SG06B27		6"	174	349	5F__S/SG06B47		6"	259	519
5F__S/SG03B17		3"	210	419	5F__S/SG03B31		3"	317	635	5F__S/SG03B51		3"	477	953
5F__S/SG45B17	19"	4-1/2"	164	321	5F__S/SG45B31	33"	4-1/2"	241	470	5F__S/SG45B51	36"	4-1/2"	356	629
5F__S/SG06B17		6"	134	269	5F__S/SG06B31		6"	190	385	5F__S/SG06B51		6"	276	551
5F__S/SG03B19	21"	3"	225	450	5F__S/SG03B33	36"	3"	333	665					
5F__S/SG45B19		4-1/2"	175	342	5F__S/SG45B33		4-1/2"	252	492					
5F__S/SG06B19		6"	142	285	5F__S/SG06B33		6"	198	398					
5F__S/SG03B21	23"	3"	240	481	5F__S/SG03B36	39"	3"	356	712					
5F__S/SG45B21		4-1/2"	186	364	5F__S/SG45B36		4-1/2"	269	522					
5F__S/SG06B21	6"	150	301	5F__S/SG06B36	6"	210	421							

Replace " __ " in Part Number with "05" for 5' or "10" for 10' length. Select S or SG rollers.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)	Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
5F__S/SG03B10	10"	3"	68	141	5F__S/SG03B27	27"	3"	129	270
5F__S/SG03B13	13"	3"	79	163	5F__S/SG03B31	31"	3"	144	301
5F__S/SG03B15	15"	3"	86	179	5F__S/SG03B33	33"	3"	151	315
5F__S/SG03B16	16"	3"	89	186	5F__S/SG03B36	36"	3"	162	338
5F__S/SG03B17	17"	3"	93	194	5F__S/SG03B37	37"	3"	166	346
5F__S/SG03B19	19"	3"	101	210	5F__S/SG03B39	39"	3"	173	362
5F__S/SG03B21	21"	3"	108	225	5F__S/SG03B43	43"	3"	187	391
5F__S/SG03B22	22"	3"	112	233	5F__S/SG03B47	47"	3"	202	422
5F__S/SG03B23	23"	3"	115	239	5F__S/SG03B51	51"	3"	216	453
5F__S/SG03B25	25"	3"	123	255					



Replace " __ " in Part Number with "90" for 90 degree or "45" for 45 degree. Select S or SG rollers.

GRAVITY ROLLER CONVEYOR

T Roller **Tube 2-5/8" Dia. x 7 Ga.** **Frame 4" x 5.4 Lbs. Structural Steel**

Construction:

Roller: Model T

Tube: 2-5/8" O.D. x 7 ga. plain steel

Axle: 11/16" hex steel

Bearing: Light oil, swaged

Axle Retention: Spring retained

Frame: 4" x 5.4 Lbs. structural painted steel channel

Crossbraces: 1-3/4" x 1-3/4" x 3/16" steel angle

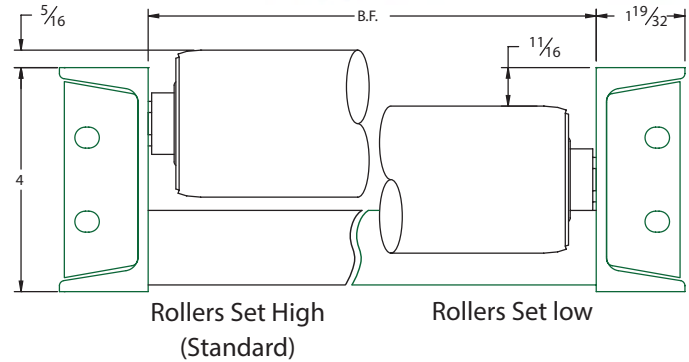
Coupling: Butt plate

Capacity: Weight of section must be included

Maximum distributed live load:

Frame 300 Lbs./Ft. on 10' support centers
 1,550 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



STRAIGHT SECTIONS - 5' & 10' LENGTHS

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
5F__T03B10	10"	3"	196	391
5F__T45B10		4-1/2"	151	301
5F__T06B10		6"	127	253
5F__T03B13	13"	3"	228	455
5F__T45B13		4-1/2"	173	345
5F__T06B13		6"	144	286
5F__T03B15	15"	3"	250	498
5F__T45B15		4-1/2"	188	375
5F__T06B15		6"	155	308
5F__T03B16	16"	3"	260	520
5F__T45B16		4-1/2"	195	389
5F__T06B16		6"	160	319
5F__T03B17	17"	3"	271	541
5F__T45B17		4-1/2"	203	404
5F__T06B17		6"	166	330
5F__T03B19	19"	3"	292	584
5F__T45B19		4-1/2"	217	433
5F__T06B19		6"	177	352
5F__T03B21	21"	3"	314	627
5F__T45B21		4-1/2"	232	462
5F__T06B21		6"	188	374

Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
5F__T03B22	22"	3"	325	648
5F__T45B22		4-1/2"	239	477
5F__T06B22		6"	193	385
5F__T03B23	23"	3"	335	669
5F__T45B23		4-1/2"	246	492
5F__T06B23		6"	199	396
5F__T03B25	25"	3"	357	712
5F__T45B25		4-1/2"	261	521
5F__T06B25		6"	210	418
5F__T03B27	27"	3"	378	755
5F__T45B27		4-1/2"	276	550
5F__T06B27		6"	221	440
5F__T03B31	31"	3"	421	841
5F__T45B31		4-1/2"	305	609
5F__T06B31		6"	243	484
5F__T03B33	33"	3"	442	883
5F__T45B33		4-1/2"	320	638
5F__T06B33		6"	254	506
5F__T03B36	36"	3"	474	948
5F__T45B36		4-1/2"	342	682
5F__T06B36		6"	270	539

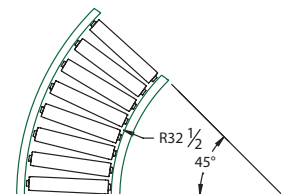
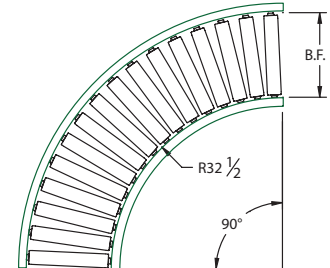
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
5F__T03B37	37"	3"	485	969
5F__T45B37		4-1/2"	349	697
5F__T06B37		6"	276	550
5F__T03B39	39"	3"	506	1012
5F__T45B39		4-1/2"	364	726
5F__T06B39		6"	287	572
5F__T03B43	43"	3"	554	1106
5F__T45B43		4-1/2"	397	794
5F__T06B43		6"	313	625
5F__T03B47	47"	3"	297	1193
5F__T45B47		4-1/2"	427	853
5F__T06B47		6"	336	670
5F__T03B51	51"	3"	640	1279
5F__T45B51		4-1/2"	457	913
5F__T06B51		6"	358	715

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

CURVE SECTIONS - 45 & 90 DEGREES

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
5F__T03B10	10"	3"	80	159
5F__T03B13	13"	3"	94	188
5F__T03B15	15"	3"	104	207
5F__T03B16	16"	3"	109	217
5F__T03B17	17"	3"	113	227
5F__T03B19	19"	3"	123	246
5F__T03B21	21"	3"	133	265
5F__T03B22	22"	3"	137	275
5F__T03B23	23"	3"	142	284
5F__T03B25	25"	3"	152	304

Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
5F__T03B27	27"	3"	161	323
5F__T03B31	31"	3"	181	362
5F__T03B33	33"	3"	190	381
5F__T03B36	36"	3"	205	410
5F__T03B37	37"	3"	210	419
5F__T03B39	39"	3"	219	444
5F__T03B43	43"	3"	239	483
5F__T03B47	47"	3"	258	522
5F__T03B51	51"	3"	277	561

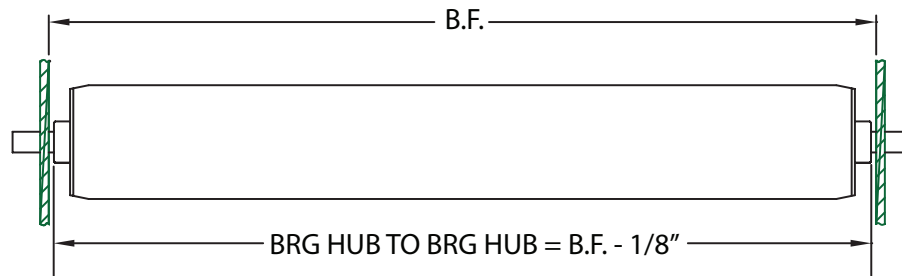


Replace "__" in Part Number with "90" for 90 degree or "45" for 45 degree.

The following information is intended to guide you through the proper application and selection of conveyor rollers. For specific rollers not listed in this catalogue contact a sales representative at Ashland Conveyor Products.

BF or Between Frame Dimension

The length of conveyor rollers is normally described in terms of BF, the dimension between the frame or between the rails of the conveyor.



Bearings

- Standard roller construction utilizes “commercial grade” (also known as “non precision”) bearings.
- Standard bearing lubrication is light oil however, grease packed is also available.
- Generally light oil lubrication is used for gravity applications as it rotates more easily.
- Semi-precision and precision bearings are also available.
- Grease packed is normally used for power conveyor applications or harsh environments.
- Seals on grease packed bearings refer to materials that are used to impede partical (non-liquid) type items from entering the bearings.
- Ashland does not provide waterproof bearings.
- Abec 1 bearings have significantly lower noise levels, longer life and are usable in applications up to 2000 RPM.

BEARING TYPE & LUBRICATION	ABBREVIATION	APPLICATION	BENEFIT	SPEED RATING	LOAD RATING
Commercial Light Oil <i>(Standard)</i>	CO LO	Gravity Conveyor	Free Rolling, Cost Effective	Up to 200 RPM	Low
Commercial Grease Packed w/ Seals <i>(Optional)</i>	CO GP FTS	Low Speed Powered Conveyors	Grease adds bearing life, Cost effective	Up to 200 RPM	Low
Semi-Precision Grease Packed w/ Seals <i>(Optional)</i>	SP GP FTS	Medium Speed Powered Conveyors	Caged Ball Bearings Higher Speed longer life	Up to 1200 RPM	Medium
Precision (ABEC 1) Sealed <i>(Optional)</i>	AB1	High Speed Powered Conveyors	Tighter Tolerances = Higher Speed + Lower Noise	Up to 2000 RPM	High

REPLACEMENT ROLLERS

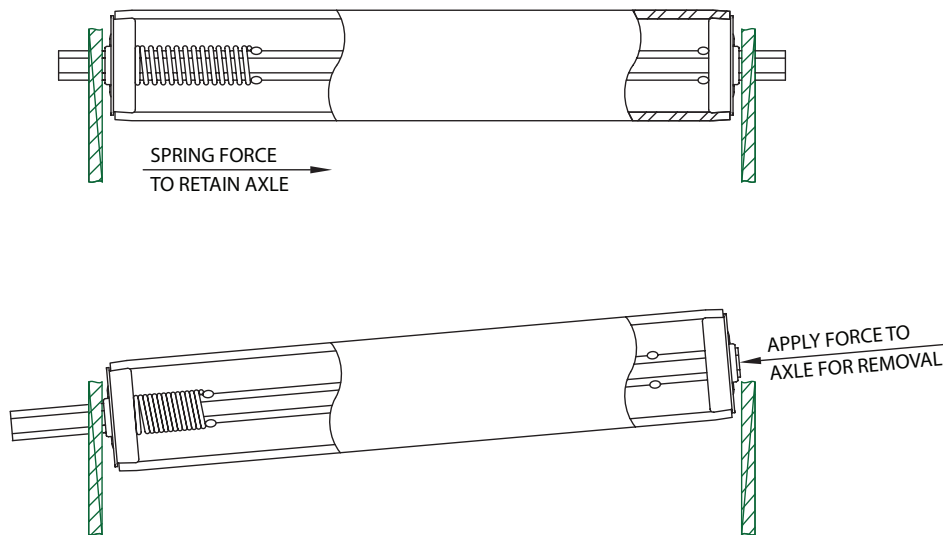
General Information

Roller Capacity

Roller capacities are calculated to CEMA standards. The capacity is limited to the bearing capacity, shaft deflection, tube deflection, or tube strength. Refer to specific roller tables for roller capacities. All capacities based on evenly distributed non-impact loads across entire roller.

Axle Construction

Spring retained axle rollers are Ashland Conveyor Products standard construction. Spring retained axle rollers contain a spring that is captured between one of the bearings and a dimple on the shaft. When pushed on one end the shaft will slide through the roller allowing for insertion into the frame.

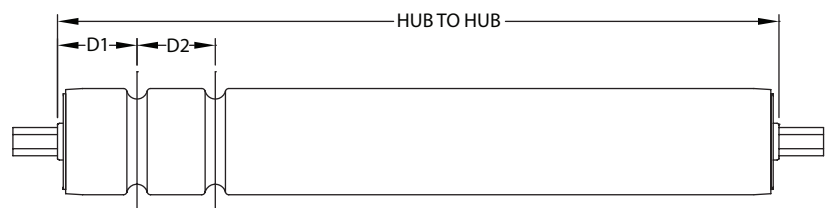


Pin retained rollers contain no spring or dimples to retain the shaft. Instead, the shaft is drilled on each end for a retaining pin. Once a roller is placed in a frame the retaining pins are inserted. Pin retained rollers must be specified at the time of quoting and ordering.

Grooved Rollers

Grooved rollers are used on powered conveyors using urethane O-rings (lineshaft) or V-belt driven powered conveyors. While Ashland Conveyor Products does not manufacture these conveyors we can provide you replacement rollers for your conveyors. We offer 1/4" and 7/32" Radius grooves and a number of grease packed bearing options (please see chart on page 34-35 for details). Note: all measurements should be referenced from bearing hub.

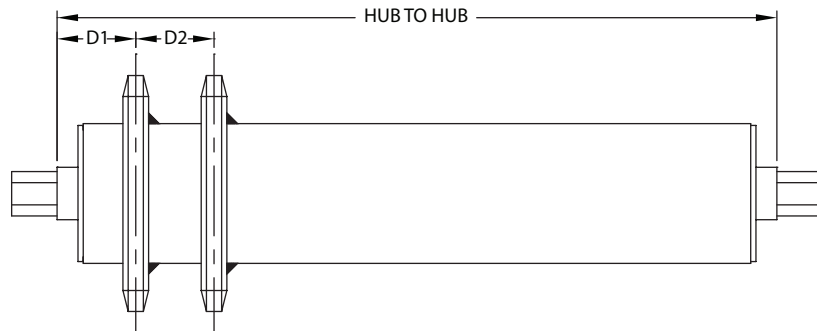
Rollers Available with Grooves	
K	1.9" x 16 ga. Plain Steel
KG	1.9" x 16 ga. Galv Steel
DG	1.9" x 12 ga. Galv Steel
S	2.5" x 11 ga. Plain Steel
SG	2.5" x 11 ga. Galv Steel



Sprocketed Rollers

Sprocketed rollers are used for chain driven live roller conveyors. A typical arrangement is illustrated below. Standard construction includes grease packed and sealed bearings. Can be supplied as spring or pin retained. Length measurement should be from bearing hub to bearing hub.

Rollers Available with Sprockets	
K	1.9" x 16 ga. Plain Steel
KD	1.9" x 9 ga. Plain Steel
S	2.5" x 11 ga. Plain Steel
T	2-5/8" x 7 ga. Plain Steel
U	2.5" x 14 ga. Plain Steel



Polyurethane Covered Rollers

Factory installed 1/8" thick (83 shore "A") polyurethane covers provide the following advantages:

- Will not mar finish on sensitive products being conveyed.
- Absorbs shock and reduce noise by up to 10 decibels.
- Have extraordinary cut and abrasion resistance for long life.
- Increases traction by up to 15% vs. uncoated rollers.



Rollers Available with Polyurethane Covers	
EG, EA, CS, EFG, EFA, CG	1-3/8" x 18 ga. Galv. Aluminum & Stainless Steel
KG, KS, KA, DG	1.9" x 16 ga. + 12 ga. Galv. Aluminum & Stainless Steel
SG	2-1/2" x 11 ga. Galvanized

See chart on pages 34 - 35.

Vinyl Covered Rollers

Factory installed .050" thick (85 shore "A") vinyl heat shrink sleeves provide the following advantages:

- Will not mar finish on sensitive products being conveyed.
- Absorbs shock and reduces noise by up to 10 decibels.
- Have an operating temperature of -4 to 220 degrees Fahrenheit.
- Increases traction
- A less expensive alternative to polyurethane coated rollers



Rollers Available with Vinyl Sleeves	
EG, EA, CS, EFG, EFA, CG	1-3/8" x 18 ga. Galv. Aluminum & Stainless Steel
KG, KS, KA, DG	1.9" x 16 ga. + 12 ga. Galv. Aluminum & Stainless Steel
SG	2-1/2" x 11 ga. Galvanized

See chart on pages 34 - 35.

REPLACEMENT ROLLERS

General Information

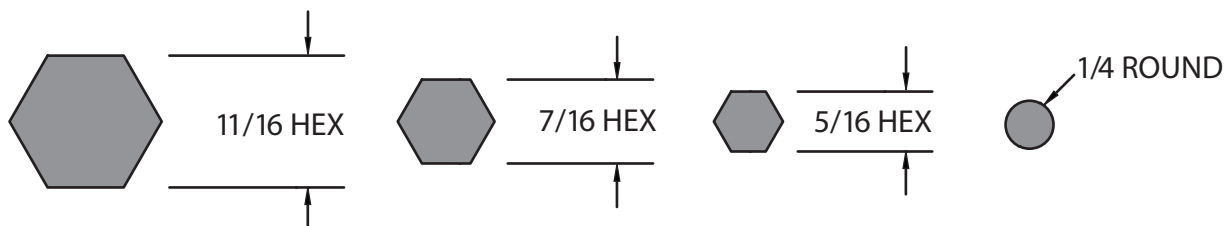
Diameter and Gauge

The tube diameter and gauge are required when specifying a roller. The diameter is the outside diameter of the tubing and the gauge is the wall thickness of the tubing. The following diameters and gages are Ashland Conveyor Products standards. Also shown are tube materials and shaft size.

TUBE DIAMETER X GAGE (Wall)	TUBE MATERIAL	SHAFT SIZE & SHAPE: MATERIAL PS=Plain Steel SS=Stainless Steel	STANDARD COMMERCIAL BEARING Light Oil Model #	PAGE NO	OPTIONAL BEARINGS	
					GREASE PACKED Noted if Felt or Teflon Seal Model #	SEMI PRECISION Grease Packed or Teflon Seal Model #
3/4" X 20 ga (.035")	Plain Steel	1/4" Round : PS	B __	32	N/A	N/A
.84" X .107"	PVC Plastic	1/4" Round : PS	B40P __	32	N/A	N/A
1-3/8" X 18 ga (.049")	Galvanized Steel	1/4" Round : PS	EG __	33	N/A	N/A
1-3/8" X 18 ga (.049")	Aluminum	1/4" Round : PS	EA __	33	N/A	N/A
1-3/8" X 18 ga (.049")	304 Stainless Steel	1/4" Round : SS	ES __	34	N/A	N/A
1-3/8" X 18 ga (.049")	Galvanized Steel	5/16" Hex : PS	EFG __	34	N/A	N/A
1-3/8" X 18 ga (.049")	Aluminum	5/16" Hex : PS	EFA __	35	N/A	N/A
1-3/8" X 16 ga (.065")	Plain Steel	7/16" Hex : PS	CG __	35	N/A	N/A
1.9" X 16 ga (.065")	Plain Steel	7/16" Hex : PS	K __	36	K __ CO GP TS	K __ SP GP TS
1.9" X 16 ga (.065")	Galvanized Steel	7/16" Hex : PS	KG __	36	KG __ CO GP TS	KG __ SP GP TS
1.9" X .112"	PVC Plastic	7/16" Hex : PS	K40P __	37	N/A	N/A
1.9" X 16 ga (.065")	Galvanized Steel	1/4" Round : PS	KGR __	37	N/A	N/A
1.9" X 16 ga (.065")	304 Stainless Steel	7/16" Hex : SS	KS __	38	N/A	N/A
1.9" X 16 ga (.065")	Aluminum	7/16" Hex : PS	KA __	38	KA __ CO GP TS	KA __ SP GP TS
1.9" X 12 ga (.109")	Galvanized Steel	7/16" Hex : PS	DG __	39	DG __ CO GP TS	DG __ SP GP TS
1.9" X 9 ga (.148")	Plain Steel	7/16" Hex : PS	KD __	39	KD __ CO GP TS	KD __ SP GP TS
2-1/2" X 14 ga (.083")	Plain Steel	7/16" Hex : PS	U __	40	U __ CO GP TS	N/A
2-1/2" X 14 ga (.083")	Galvanized Steel	7/16" Hex : PS	UG __	40	UG __ CO GP TS	N/A
2-1/2" X 11 ga (.120")	Plain Steel	11/16" Hex : PS	S __	41	S __ CO GP FTS	S __ SP GP FTS
2-1/2" X 11 ga (.120")	Galvanized Steel	11/16" Hex : PS	SG __	41	SG __ CO GP FTS	SG __ SP GP FTS
2-5/8" X 7 ga (.180")	Plain Steel	11/16" Hex : PS	T __	42	T __ C O GP FTS	T __ SP GP FTS

Replace "__" in Part Number with BF

Shaft Sizes (Full Scale)



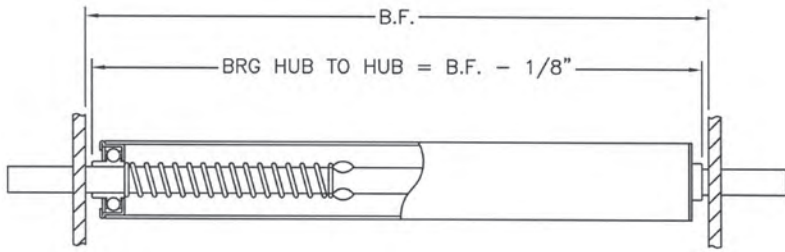
REPLACEMENT ROLLERS

General Information

PRECISION ABEC-1 Grease Model #	ROLLERS Available with Optional 1/8" Polyurethane Covers and Vinyl Sleeves (add suffix to part #)	ADDITIONAL OPTIONS	
		ROLLERS Available with Optional Grooves for line shaft Conveyor. Part # for (2) grooves shown below	ROLLERS Available with Optional Sprockets for CDLR Conveyor. Part# for (2) 40A20H sprockets shown below
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
CG__AB1	PU1/8, VO	NA	NA
K__AB1	N/A	K__2GR CO GP TS	K__ CO GP TS 2H40A20
KG__AB1	PU1/8, VO	KG__2GR CO GP TS	N/A
N/A	N/A	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
N/A	PU1/8, VO	N/A	N/A
KA__AB1	PU1/8, VO	N/A	N/A
DG__AB1	PU1/8, VO	DG__2GR CO GP TS	N/A
N/A	N/A	N/A	KD__ CO GP TS 2H40A20
U__AB1	N/A	U__2GR CO GP TS	U__ CO GP TS 2H40A20
UG__AB1	N/A	UG__2GR CO GP TS	N/A
S__AB1	N/A	S__2GR CO GP TS	S__ CO GP TS 2H40A20
SG__AB1	PU1/8, VO	SG__2GR CO GP TS	N/A
T__AB1	N/A	N/A	T__ CO GP TS 2H40A20

REPLACEMENT ROLLERS

B Roller 3/4" Dia. x 20 Ga. with 1/4" Round Axle - Model B



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
B07	7"	.31	42
B08	8"	.35	42
B09	9"	.38	42
B10	10"	.42	42
B11	11"	.45	42
B12	12"	.49	42
B13	13"	.53	42
B14	14"	.56	42
B15	15"	.60	42
B16	16"	.64	42
B17	17"	.67	42
B18	18"	.71	42
B19	19"	.74	42
B20	20"	.78	42
B21	21"	.82	42
B22	22"	.85	42

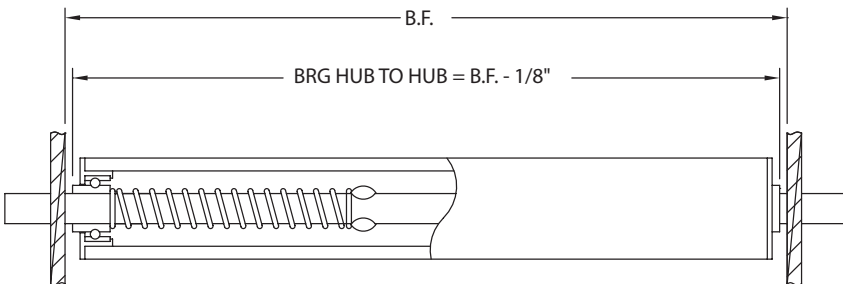
Construction:

- Tube:** 3/4" O.D. x 20 ga. plain steel
- Axle:** 1/4" diameter steel
- Bearing:** Light oil, press fit
- Axle Retention:** Spring retained
- Weight:** .06 + (.04 x BF)
- Shaft Length:** BF+1-1/4"



Shorter, longer, and in-between
BF's available.

B40P Roller .084" Dia. x 0.107 PVC with 1/4" Round Axle - Model B40P



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
B40P04	4"	0.2	20
B40P06	6"	0.3	20
B40P08	8"	0.4	20
B40P10	10"	0.5	20
B40P12	12"	0.6	20

Construction:

- Tube:** .84" O.D. x .107 PVC
- Axle:** 1/4" diameter steel
- Bearing:** Commercial light oil
- Axle Retention:** Spring retained
- Weight:** .05 x BF
- Shaft Length:** BF+1"

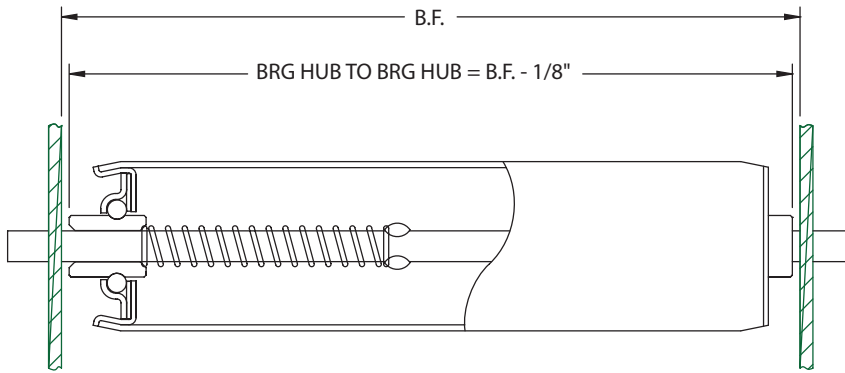


Shorter, longer, and in-between
BF's available.

REPLACEMENT ROLLERS

EG

Roller 1-3/8" Dia. x 18 Ga. with 1/4" Round Axle - Model EG



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
EG07	7"	.63	94
EG08	8"	.71	94
EG09	9"	.78	94
EG10	10"	.85	94
EG11	11"	.92	85
EG12	12"	.99	77
EG13	13"	1.06	71
EG14	14"	1.14	65
EG15	15"	1.21	60
EG16	16"	1.28	56
EG17	17"	1.35	53
EG18	18"	1.42	50
EG19	19"	1.50	47
EG20	20"	1.57	44
EG21	21"	1.64	42
EG22	22"	1.71	40

Construction:

Tube: 1-3/8" O.D. x 18 ga. **galvanized steel**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 1/4" diameter steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .14 + (.07 x BF)

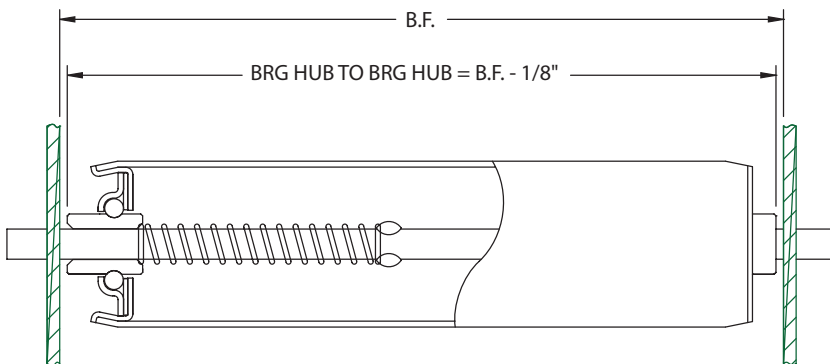
Shaft Length: BF+7/8"

Shorter, longer, and in-between
BF's available.



EA

Roller 1-3/8" Dia. x 18 Ga. with 1/4" Round Axle - Model EA



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
EA07	7"	.39	94
EA08	8"	.43	94
EA09	9"	.46	94
EA10	10"	.49	94
EA11	11"	.53	85
EA12	12"	.56	77
EA13	13"	.60	71
EA14	14"	.63	65
EA15	15"	.66	60
EA16	16"	.70	56
EA17	17"	.73	53
EA18	18"	.77	50
EA19	19"	.80	47
EA20	20"	.83	44
EA21	21"	.87	42
EA22	22"	.90	40

Construction:

Tube: 1-3/8" O.D. x 18 ga. **aluminum**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 1/4" diameter steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .16 + (.04 x BF)

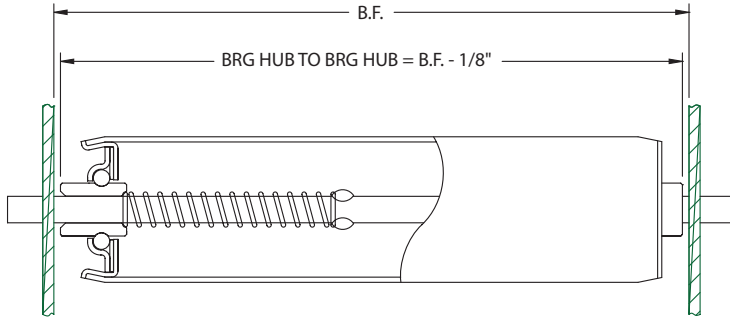
Shaft Length: BF+7/8"

Shorter, longer, and in-between
BF's available.



REPLACEMENT ROLLERS

ES Roller 1-3/8" Dia. x 18 Ga. with 1/4" Round Axle - Model ES



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
ES07	7"	0.7	149
ES08	8"	0.8	128
ES09	9"	0.9	112
ES10	10"	0.9	100
ES11	11"	1.0	90
ES12	12"	1.1	82
ES13	13"	1.1	75
ES14	14"	1.2	70
ES15	15"	1.3	65
ES16	16"	1.3	61
ES17	17"	1.4	57
ES18	18"	1.5	53
ES19	19"	1.6	51
ES20	20"	1.6	48
ES21	21"	1.7	46
ES22	22"	1.8	43

Construction:

Tube: 1-3/8" O.D. x 18 ga. **stainless steel**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 1/4" diameter stainless steel

Bearing: Commercial stainless steel light oil

Axle Retention: Spring retained

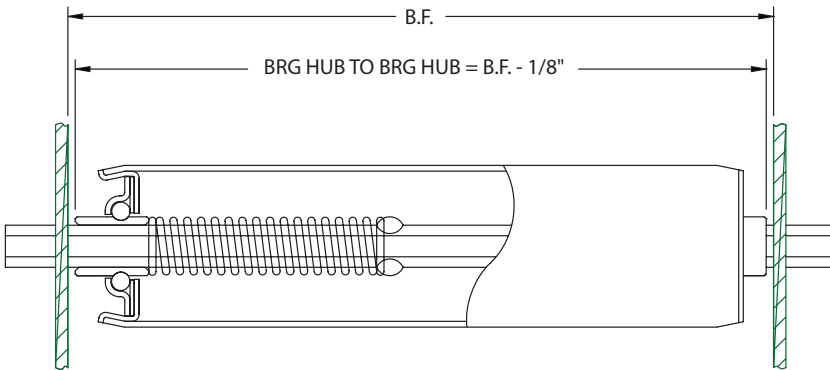
Weight: .22 + (.07 x BF)

Shaft Length: BF+1"

Shorter, longer, and in-between
BF's available.



EFG Roller 1-3/8" Dia. x 18 Ga. with 5/16" Hex Axle - Model EFG



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
EFG07	7"	.83	94
EFG08	8"	.91	94
EFG09	9"	.99	94
EFG10	10"	1.08	94
EFG11	11"	1.16	94
EFG12	12"	1.24	94
EFG13	13"	1.32	94
EFG14	14"	1.40	94
EFG15	15"	1.49	94
EFG16	16"	1.57	94
EFG17	17"	1.65	94
EFG18	18"	1.73	94
EFG19	19"	1.81	94
EFG20	20"	1.89	94
EFG21	21"	1.98	94
EFG22	22"	2.06	94

Construction:

Tube: 1-3/8" O.D. x 18 ga. **galvanized steel**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 5/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .25 + (.08 x BF)

Shaft Length: BF+1-3/16"

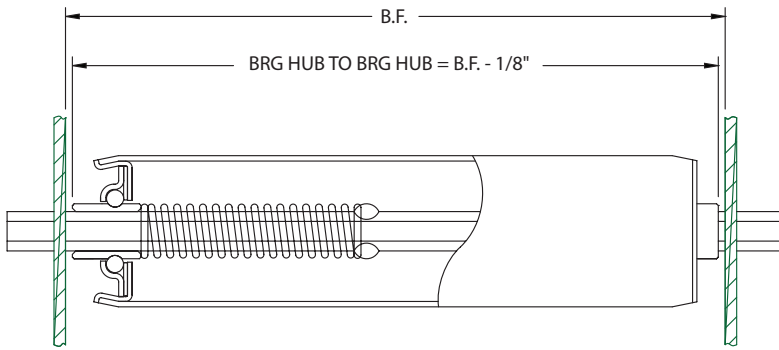
Shorter, longer, and in-between
BF's available.



REPLACEMENT ROLLERS

EFA

Roller 1-3/8" Dia. x 18 Ga. with 5/16" Hex Axle - Model EFA



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
EFA07	7"	.59	94
EFA08	8"	.63	94
EFA09	9"	.68	94
EFA10	10"	.72	94
EFA11	11"	.77	94
EFA12	12"	.81	94
EFA13	13"	.85	94
EFA14	14"	.90	94
EFA15	15"	.94	94
EFA16	16"	.99	94
EFA17	17"	1.03	94
EFA18	18"	1.07	94
EFA19	19"	1.12	94
EFA20	20"	1.16	94
EFA21	21"	1.21	94
EFA22	22"	1.25	94

Construction:

Tube: 1-3/8" O.D. x 18 ga. aluminum

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 5/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .28 + (.04 x BF)

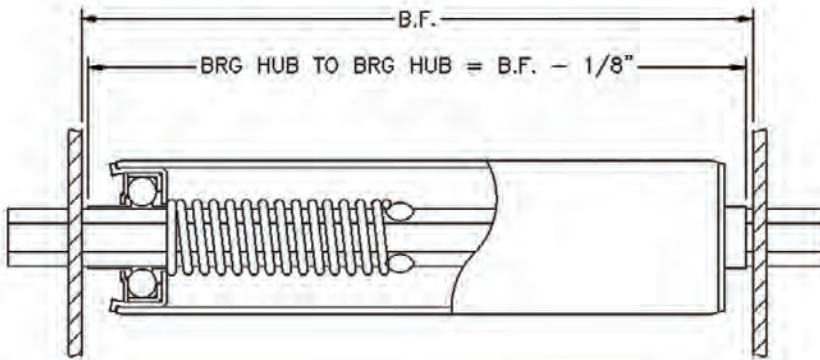
Shaft Length: BF+1-3/16"



Shorter, longer, and in-between
BF's available.

CG

Roller 1-3/8" Dia. x 16 Ga. with 7/16" Hex Axle - Model CG



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
CG14	14"	1.98	560
CG15	15"	2.10	520
CG16	16"	2.23	485
CG17	17"	2.35	454
CG18	18"	2.47	426
CG19	19"	2.60	402
CG20	20"	2.72	382
CG21	21"	2.84	362
CG22	22"	2.97	344
CG23	23"	3.09	328
CG24	24"	3.21	314
CG25	25"	3.34	300
CG26	26"	3.46	288
CG27	27"	3.58	278
CG28	28"	3.71	268
CG29	29"	3.83	258
CG30	30"	3.95	248
CG31	31"	4.08	240
CG32	32"	4.20	232
CG33	33"	4.32	225
CG34	34"	4.45	218
CG35	35"	4.57	212
CG36	36"	4.69	206

Construction:

Tube: 1-3/8" O.D. x 16 ga. galvanized steel

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 7/16" hex steel

Bearing: ABEC 1

Axle Retention: Spring retained

Weight: .26 + (.12 x BF)

Shaft Length: BF+1"



Shorter, longer, and in-between
BF's available.

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
CG07	7"	1.12	670
CG08	8"	1.24	670
CG09	9"	1.36	670
CG10	10"	1.49	670
CG11	11"	1.61	670
CG12	12"	1.73	665
CG13	13"	1.86	608

REPLACEMENT ROLLERS

K/KG

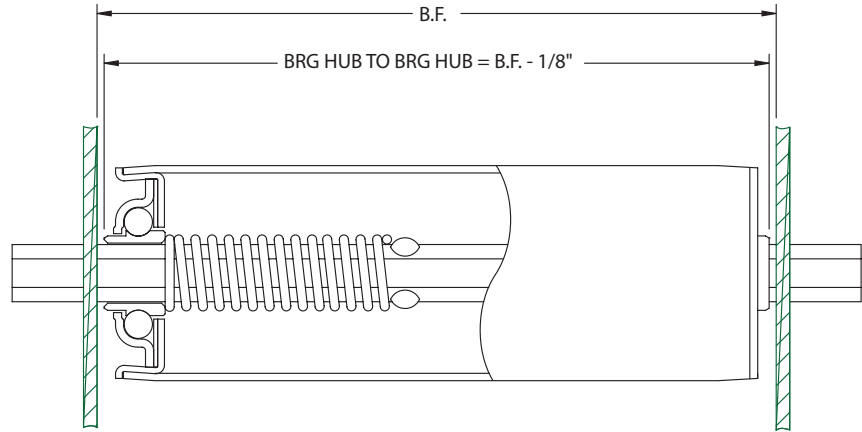
Roller 1.9" Dia. x 16 Ga. with 7/16" Hex Axle - Model K/KG



Model K



Model KG



Replacement Rollers

Construction:

Tube: Model K - 1.9" O.D. x 16 ga. plain steel

Model KG - 1.9" O.D. x 16 ga. galvanized steel

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 7/16" hex steel

Bearing: Commercial light oil

Optional: ABEC 1 bearings

Axle Retention: Spring retained

Weight: .42 + (.15 x BF)

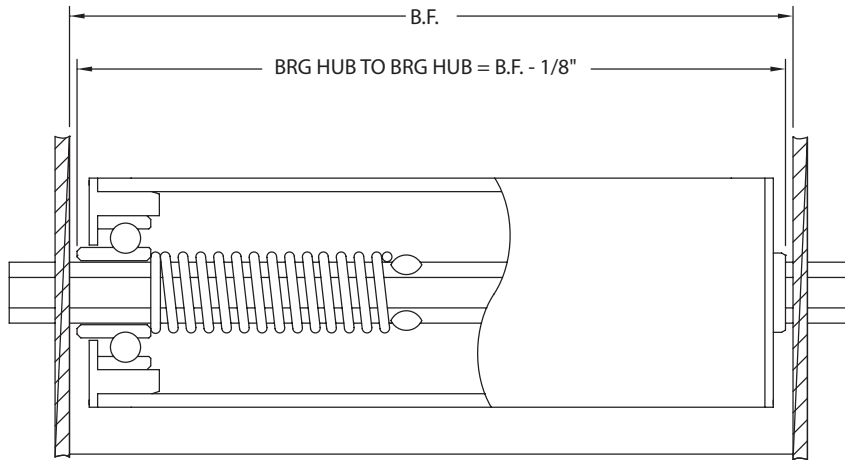
Shaft Length: BF+1-9/16" for Commercial Bearing
BF+1-5/16" for ABEC 1 Bearings

Shorter, longer, and in-between
BF's available.

BF	Wt. (lbs.)	Standard Commercial Bearing		Optional ABEC1 Bearing	
		Part Number	Capacity (lbs.)	Part Number	Capacity (lbs.)
7"	1.5	K/KG07	270	K/KG07 AB1	600
8"	1.6	K/KG08	270	K/KG08 AB1	600
9"	1.8	K/KG09	270	K/KG09 AB1	600
10"	1.9	K/KG10	270	K/KG10 AB1	600
11"	2.1	K/KG11	270	K/KG11 AB1	600
12"	2.2	K/KG12	270	K/KG12 AB1	600
13"	2.4	K/KG13	270	K/KG13 AB1	600
14"	2.5	K/KG14	270	K/KG14 AB1	600
15"	2.7	K/KG15	270	K/KG15 AB1	600
16"	2.8	K/KG16	270	K/KG16 AB1	587
17"	3.0	K/KG17	270	K/KG17 AB1	550
18"	3.1	K/KG18	270	K/KG18 AB1	518
19"	3.3	K/KG19	270	K/KG19 AB1	489
20"	3.4	K/KG20	270	K/KG20 AB1	463
21"	3.6	K/KG21	270	K/KG21 AB1	440
22"	3.7	K/KG22	270	K/KG22 AB1	419
23"	3.9	K/KG23	270	K/KG23 AB1	400
24"	4.0	K/KG24	270	K/KG24 AB1	382
25"	4.2	K/KG25	270	K/KG25 AB1	366
27"	4.5	K/KG27	270	K/KG27 AB1	338
31"	5.1	K/KG31	270	K/KG31 AB1	293
33"	5.4	K/KG33	270	K/KG33 AB1	275
36"	5.8	K/KG36	270	K/KG36 AB1	251
37"	6.0	K/KG37	270	K/KG37 AB1	244
39"	6.3	K/KG39	270	K/KG39 AB1	231
43"	6.9	K/KG43	270	K/KG43 AB1	209
47"	7.5	K/KG47	261	K/KG47 AB1	191
51"	8.1	K/KG51	241	K/KG51 AB1	176

REPLACEMENT ROLLERS

K40P Roller 1.9" Dia. x .112 PVC with 7/16" Hex Axle - Model K40P



Construction:

Tube: 1.9" O.D. x .112" PVC

Axle: 7/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .4 + (.10 x BF)

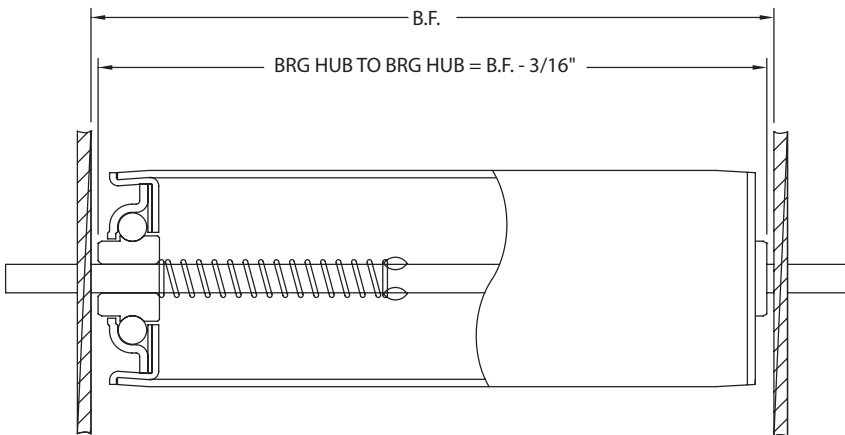
Shaft Length: BF+1"

Shorter, longer and in-between
BF's available.

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
K40P10	10"	1.4	60
K40P13	13"	1.7	60
K40P15	15"	1.9	60
K40P16	16"	2.0	60
K40P17	17"	2.1	60
K40P18	18"	2.2	60
K40P19	19"	2.3	60
K40P21	21"	2.5	53
K40P22	22"	2.6	48
K40P24	24"	2.8	40
K40P30	30"	3.4	25

Replacement Rollers

KGR Roller 1.9" Dia. x 16 Ga. with 1/4" Round Axle - Model KGR



Construction:

Tube: 1.9" O.D. x 16 ga. **galvanized steel**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 1/4" diameter steel

Bearing: Commercial light oil, swaged

Axle Retention: Spring retained

Weight: .39 + (.13 x BF)

Shaft Length: BF+1-3/16"

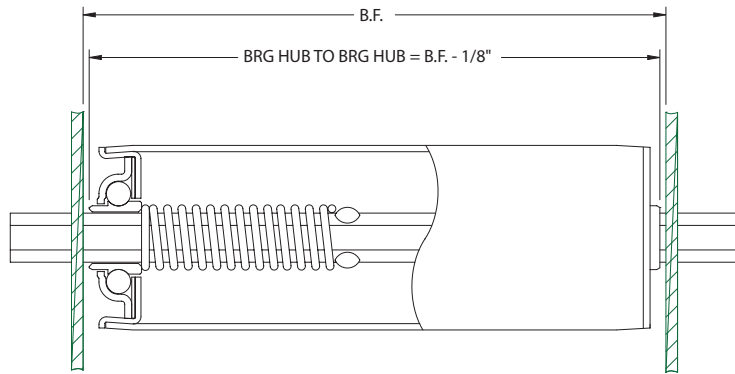
Shorter, longer and in-between
BF's available.



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
KGR07	7"	1.3	130
KGR08	8"	1.4	130
KGR09	9"	1.6	130
KGR10	10"	1.7	130
KGR11	11"	1.8	128
KGR12	12"	1.9	117
KGR13	13"	2.1	107
KGR14	14"	2.2	94
KGR15	15"	2.3	92
KGR16	16"	2.5	86
KGR17	17"	2.6	81
KGR18	18"	2.7	76
KGR19	19"	2.8	72
KGR20	20"	3.0	68
KGR21	21"	3.1	65
KGR22	22"	3.2	62
KGR23	23"	3.4	59
KGR24	24"	3.5	57
KGR25	25"	3.6	54
KGR27	27"	3.9	50
KGR31	31"	4.4	44
KGR33	33"	4.6	41
KGR36	36"	5.0	37

REPLACEMENT ROLLERS

KS Roller 1.9" Dia. x 16 Ga. with 7/16" Hex Axle - Model KS



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
KS13	13"	2.2	260
KS14	14"	2.4	260
KS15	15"	2.5	260
KS16	16"	2.7	260
KS17	17"	2.8	260
KS18	18"	2.9	260
KS19	19"	3.1	260
KS20	20"	3.2	260
KS21	21"	3.4	260
KS22	22"	3.5	260
KS23	23"	3.6	260
KS24	24"	3.8	260
KS25	25"	3.9	260
KS27	27"	4.2	260
KS31	31"	4.8	260
KS33	33"	5.0	260
KS36	36"	5.5	260
KS37	37"	5.6	260
KS39	39"	5.9	260
KS43	43"	6.4	260
KS47	47"	7.0	260
KS51	51"	7.6	260

Construction:

Tube: 1.9" O.D. x 16 ga. **stainless steel**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 7/16" hex stainless steel

Bearing: Commercial stainless steel light oil

Axle Retention: Spring retained

Weight: .41 + (.14 x BF)

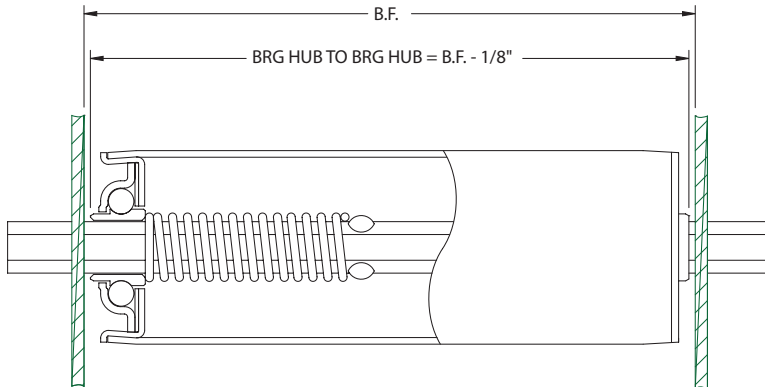
Shaft Length: BF+1-7/16"

Shorter, longer and in-between

BF's available.

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
KS07	7"	1.4	260
KS08	8"	1.5	260
KS09	9"	1.7	260
KS10	10"	1.8	260
KS11	11"	2.0	260
KS12	12"	2.1	260

KA Roller 1.9" Dia. x 16 Ga. with 7/16" Hex Axle - Model KA



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
KA13	13"	1.54	270
KA14	14"	1.62	270
KA15	15"	1.71	270
KA16	16"	1.79	270
KA17	17"	1.87	270
KA18	18"	1.96	270
KA19	19"	2.04	270
KA20	20"	2.13	270
KA21	21"	2.21	270
KA22	22"	2.29	270
KA23	23"	2.38	270
KA24	24"	2.46	270
KA25	25"	2.54	270
KA27	27"	2.71	270
KA31	31"	3.05	270
KA33	33"	3.21	270
KA36	36"	3.46	261
KA37	37"	3.55	247
KA39	39"	3.72	223
KA43	43"	4.05	183
KA47	47"	4.38	153
KA51	51"	4.72	130

Construction:

Tube: 1.9" O.D. x 16 ga. **aluminum**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 7/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .45 + (.08 x BF)

Shaft Length: BF+1-9/16"

Shorter, longer and in-between

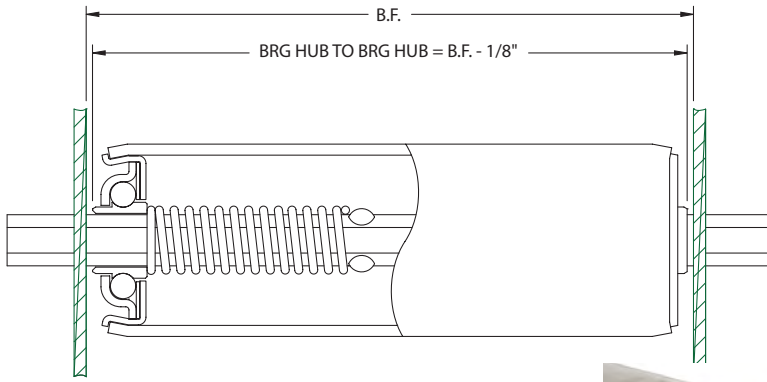
BF's available.

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
KA07	7"	1.04	270
KA08	8"	1.12	270
KA09	9"	1.20	270
KA10	10"	1.29	270
KA11	11"	1.37	270
KA12	12"	1.46	270

REPLACEMENT ROLLERS

Replacement Rollers

DG Roller 1.9" Dia. x 12 Ga. with 7/16" Hex Axle - Model DG



Construction:

Tube: 1.9" O.D. x 12 ga. **galvanized steel**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 7/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .37 + (.22 x BF)

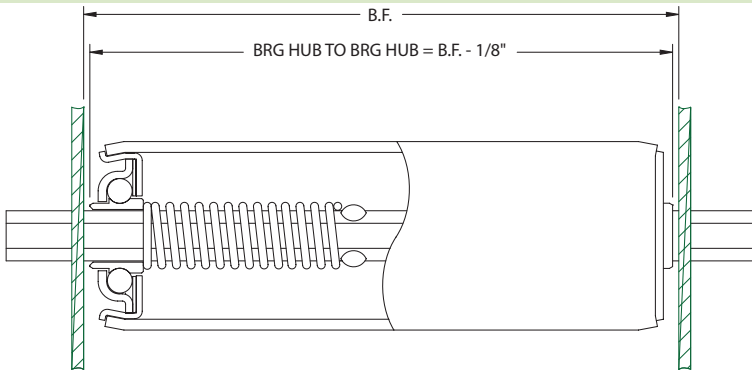
Shaft Length: BF+1-9/16"

Shorter, longer and in-between BF's available.

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
DG07	7"	1.91	270
DG08	8"	2.13	270
DG09	9"	2.35	270
DG10	10"	2.57	270
DG11	11"	2.79	270
DG12	12"	3.01	270

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
DG13	13"	3.23	270
DG14	14"	3.46	270
DG15	15"	3.68	270
DG16	16"	3.90	270
DG17	17"	4.12	270
DG18	18"	4.34	270
DG19	19"	4.56	270
DG20	20"	4.78	270
DG21	21"	5.00	270
DG22	22"	5.22	270
DG23	23"	5.44	270
DG24	24"	5.66	270
DG25	25"	5.88	270
DG27	27"	6.32	270
DG31	31"	7.21	270
DG33	33"	7.65	270
DG36	36"	8.31	270
DG37	37"	8.53	270
DG39	39"	8.97	270
DG43	43"	9.85	270
DG47	47"	10.73	258
DG51	51"	11.62	242

KD Roller 1.9" Dia. x 9 Ga. with 7/16" Hex Axle - Model KD



Construction:

Tube: 1.9" O.D. x 9 ga. **plain steel**

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 7/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .40 + (.28 x BF)

Shaft Length: BF+1-9/16"

Shorter, longer, and in-between BF's available.

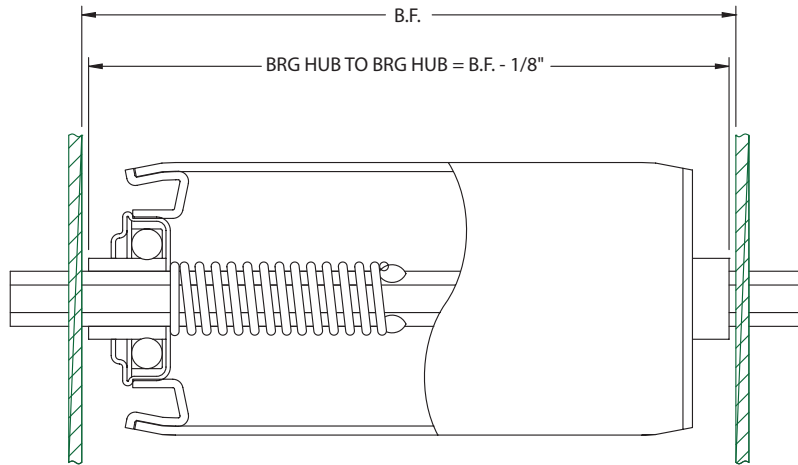
Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
KD07	7"	2.34	270
KD08	8"	2.62	270
KD09	9"	2.90	270
KD10	10"	3.18	270
KD11	11"	3.45	270
KD12	12"	3.73	270
KD13	13"	4.01	270

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
KD14	14"	4.29	270
KD15	15"	4.56	270
KD16	16"	4.84	270
KD17	17"	5.12	270
KD18	18"	5.40	270
KD19	19"	5.67	270
KD20	20"	5.95	270
KD21	21"	6.23	270
KD22	22"	6.51	270
KD23	23"	6.78	270
KD24	24"	7.06	270
KD25	25"	7.34	270
KD27	27"	7.89	270
KD31	31"	9.00	270
KD33	33"	9.56	270
KD36	36"	10.39	270
KD37	37"	10.67	270
KD39	39"	11.22	270
KD43	43"	12.33	270
KD47	47"	13.44	260
KD51	51"	14.55	241

REPLACEMENT ROLLERS

U/UG

Roller 2-1/2" Dia. x 14 Ga. with 7/16" Hex Axle - Model U



Construction:

Tube: Model U - 2-1/2" O.D. x 14 ga. plain steel

Model UG - 2-1/2" O.D. x 14 ga. galvanized steel

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 7/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .65 + (.23 x BF)

Shaft Length: BF+1-1/4"

Shorter, longer, and in-between

BF's available.



Model U



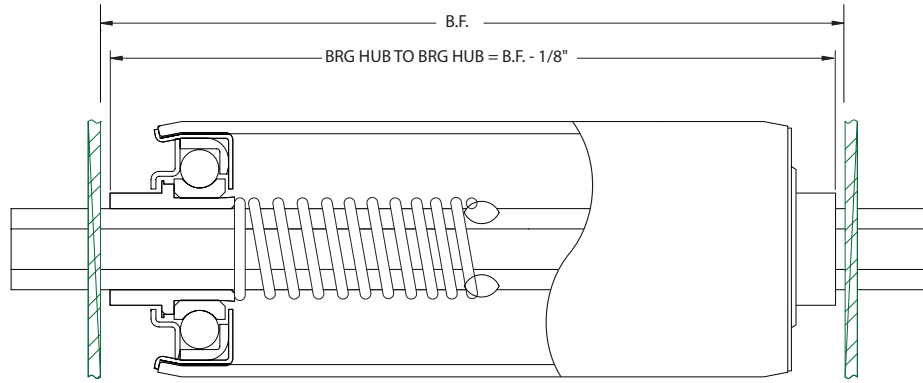
Model UG

Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
U/UG07	7"	2.23	496
U/UG08	8"	2.46	496
U/UG09	9"	2.68	496
U/UG10	10"	2.91	496
U/UG11	11"	3.13	496
U/UG12	12"	3.36	496
U/UG13	13"	3.59	496
U/UG14	14"	3.81	496
U/UG15	15"	4.04	496
U/UG16	16"	4.26	496
U/UG17	17"	4.49	471
U/UG18	18"	4.71	443
U/UG19	19"	4.94	418
U/UG20	20"	5.16	395
U/UG21	21"	5.39	375
U/UG22	22"	5.61	357
U/UG23	23"	5.84	341
U/UG24	24"	6.06	326
U/UG25	25"	6.29	312
U/UG27	27"	6.74	288
U/UG31	31"	7.64	249
U/UG33	33"	8.09	234
U/UG36	36"	8.77	213
U/UG37	37"	8.99	207
U/UG39	39"	9.44	196
U/UG43	43"	10.35	178
U/UG47	47"	11.25	162
U/UG51	51"	12.15	149

REPLACEMENT ROLLERS

S/SG

Roller 2-1/2" Dia. x 11 Ga. with 11/16" Hex Axle - Model S/SG



Replacement Rollers

Construction:

Tube: Model S - 2-1/2" O.D. x 11 ga. plain steel
 Model SG - 2-1/2" O.D. x 11 ga. galvanized steel

Optional: Polyurethane and Vinyl Sleeves Available

Axle: 11/16" hex steel

Bearing: Commercial light oil
Optional: ABEC 1 bearings

Axle Retention: Spring retained

Weight: 1.08 + (.37 x BF)

Shaft Length: BF+1-3/4" for Commercial Bearing
 BF+1-7/8" for ABEC 1 Bearings

Shorter, longer, and in-between BF's available.



Model S



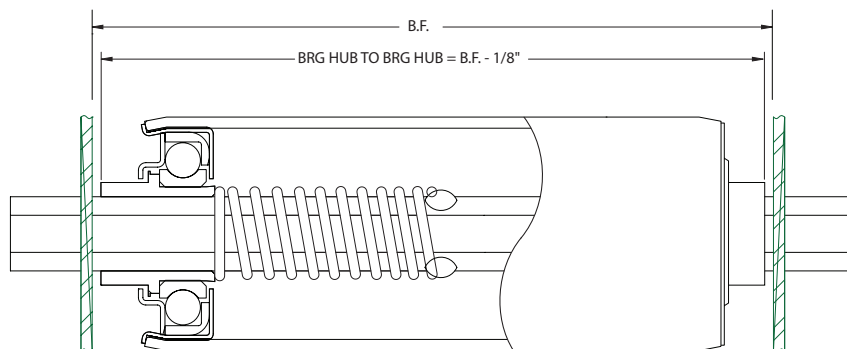
Model SG

BF	Wt. (lbs.)	Standard Commercial Bearing		Optional ABEC1 Bearing	
		Part Number	Capacity (lbs.)	Part Number	Capacity (lbs.)
7"	3.7	S/SG07	850	S/SG07 AB1	2000
8"	4.0	S/SG08	850	S/SG08 AB1	2000
9"	4.4	S/SG09	850	S/SG09 AB1	2000
10"	4.8	S/SG10	850	S/SG10 AB1	2000
11"	5.2	S/SG11	850	S/SG11 AB1	2000
12"	5.5	S/SG12	850	S/SG12 AB1	2000
13"	5.9	S/SG13	850	S/SG13 AB1	2000
14"	6.3	S/SG14	850	S/SG14 AB1	2000
15"	6.6	S/SG15	850	S/SG15 AB1	2000
16"	7.0	S/SG16	850	S/SG16 AB1	2000
17"	7.4	S/SG17	850	S/SG17 AB1	2000
18"	7.7	S/SG18	850	S/SG18 AB1	2000
19"	8.1	S/SG19	850	S/SG19 AB1	1961
20"	8.5	S/SG20	850	S/SG20 AB1	1855
21"	8.9	S/SG21	850	S/SG21 AB1	1759
22"	9.2	S/SG22	850	S/SG22 AB1	1673
23"	9.6	S/SG23	850	S/SG23 AB1	1595
24"	10.0	S/SG24	850	S/SG24 AB1	1524
25"	10.3	S/SG25	850	S/SG25 AB1	1458
27"	11.1	S/SG27	850	S/SG27 AB1	1344
31"	12.6	S/SG31	850	S/SG31 AB1	1161
33"	13.3	S/SG33	850	S/SG33 AB1	1087
36"	14.4	S/SG36	846	S/SG36 AB1	992
37"	14.8	S/SG37	822	S/SG37 AB1	964
39"	15.5	S/SG39	777	S/SG39 AB1	913
43"	17.0	S/SG43	702	S/SG43 AB1	825
47"	18.5	S/SG47	640	S/SG47 AB1	752
51"	20.0	S/SG51	587	S/SG51 AB1	691
55"	21.4	S/SG55	543	S/SG55 AB1	639
59"	22.9	S/SG59	505	S/SG59 AB1	595
63"	24.4	S/SG63	472	S/SG63 AB1	556
67"	25.9	S/SG67	443	S/SG67 AB1	522
71"	27.4	S/SG71	417	S/SG71 AB1	492
75"	28.8	S/SG75	394	S/SG75 AB1	465

REPLACEMENT ROLLERS

T

Roller 2-5/8" Dia. x 7 Ga. with 11/16" Hex Axle - Model T



Construction:

Tube: 2-5/8" O.D. x 7 ga. plain steel

Axle: 11/16" hex steel

Bearing: Commercial light oil

Axle Retention: Spring retained

Weight: .93 + (.51 x BF)

Shaft Length: BF+1-3/4"

Shorter, longer, and in-between
BF's available.



Part Number	BF	Wt. (lbs.)	Capacity (lbs.)
T07	7"	4.48	850
T08	8"	4.99	850
T09	9"	5.50	850
T10	10"	6.00	850
T11	11"	6.51	850
T12	12"	7.02	850
T13	13"	7.53	850
T14	14"	8.03	850
T15	15"	8.54	850
T16	16"	9.05	850
T17	17"	9.56	850
T18	18"	10.06	850
T19	19"	10.57	850
T20	20"	11.08	850
T21	21"	11.58	850
T22	22"	12.09	850
T23	23"	12.60	850
T24	24"	13.11	850
T25	25"	13.61	850
T27	27"	14.63	850
T31	31"	16.66	850
T33	33"	17.67	850
T36	36"	19.19	846
T37	37"	19.70	822
T39	39"	20.72	777
T43	43"	22.75	702
T47	47"	24.31	640
T51	51"	26.30	587
T55	55"	28.29	543
T59	59"	30.28	505
T63	63"	32.27	472
T67	67"	34.26	443
T71	71"	36.25	417
T75	75"	38.23	394

REPLACEMENT ROLLERS

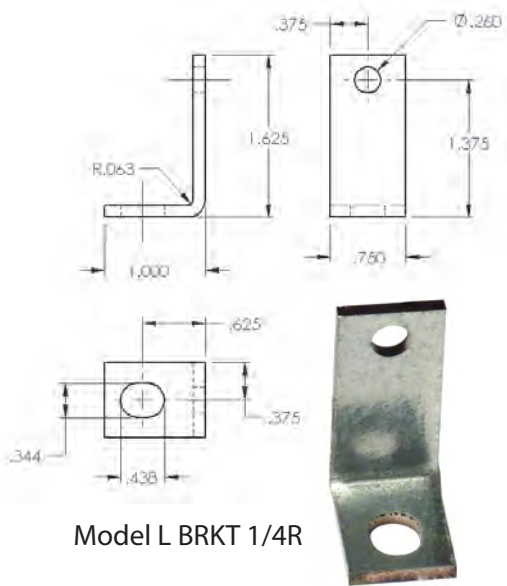
Roller L Brackets - Models 1/4R, 5/16H, 7/16H, 11/16H

Roller brackets are used for custom installation of single or multiple rollers in various applications. Brackets are available in four shaft configurations: 1/4" round, 5/16" hex, 7/16" hex, and 11/16" hex, all in galvanized steel.

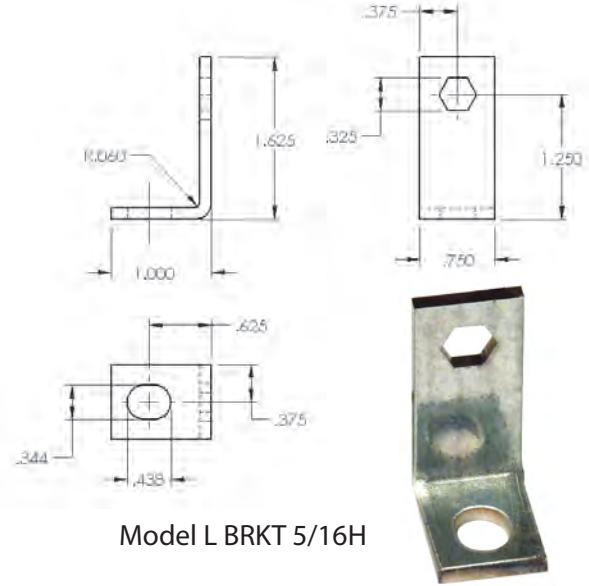
Part Number	Roller Shaft	Max Roller Diameter	Matl Gauge	Wt. (Lbs.)
L BRKT 1/4R	1/4" Round	2"	11	.1
L BRKT 5/16H	5/16" Hex	2"	11	.1
L BRKT 7/16H	7/16 Hex	2-1/4"	11	.1
L BRKT 11/16H	11/16 Hex	2-7/8"	7	.3



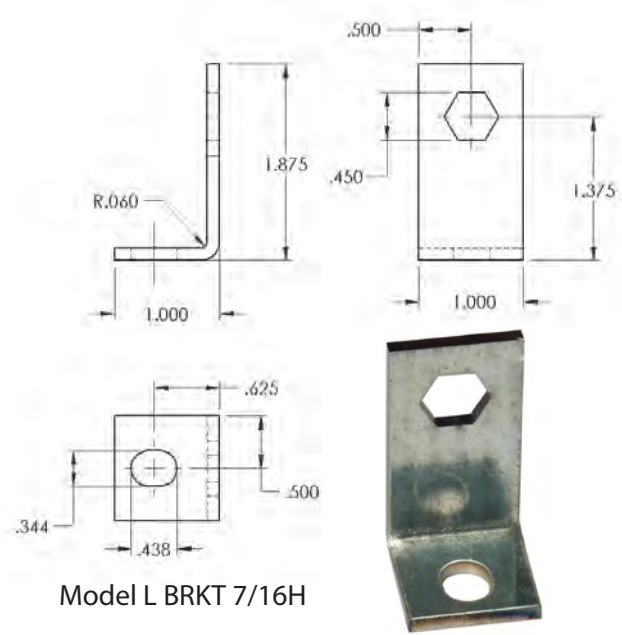
Replacement Rollers



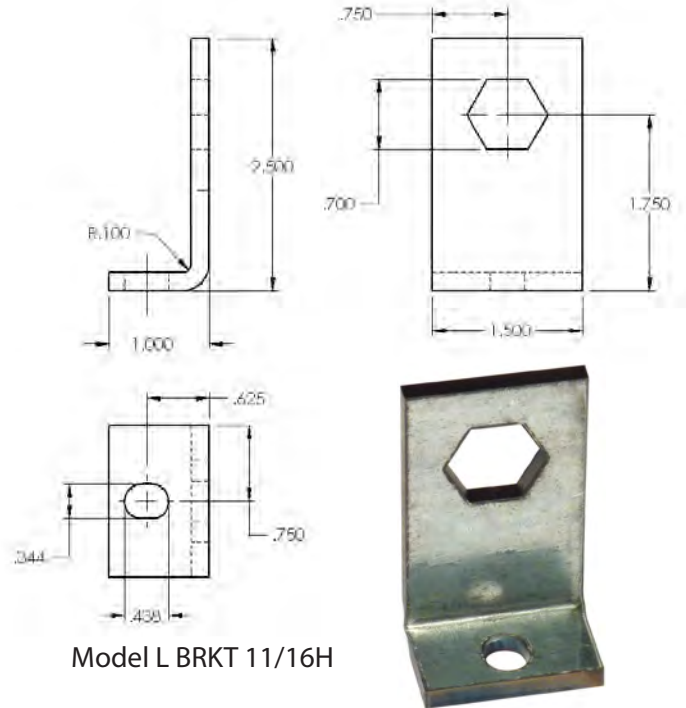
Model L BRKT 1/4R



Model L BRKT 5/16H



Model L BRKT 7/16H



Model L BRKT 11/16H

POWER CONVEYOR

General Information

Because of their versatility and low cost, belt conveyors are the most commonly used type of powered conveyor. A belt conveys the product on either a slider or roller bed.

Slider Bed Conveyors

The slider bed provides a quiet smooth conveying surface for light to medium loads. Because the belt slides on a metal bed a relatively high coefficient of friction is created, this reduces the load carrying capacity compared to a roller bed conveyor.

Roller Bed Conveyors

Higher loads and less horsepower for the same load is one reason to select a roller bed conveyor versus a slider bed conveyor. Since the belt rides on free turning rollers the coefficient of friction is much less.

Roller Spacing

It is good practice to have at least three rollers under the product at all times. The load capacity per roller must not be exceeded. Standard roller spacing is six inches.

Product Weight

The power required for a slider bed conveyor is approximately six times greater than for a roller bed conveyor. Slider bed conveyors are used to convey light products or products that have a small irregular base, and where smooth travel is required. Refer to load capacity tables for each power conveyor.

Belt

The standard conveyor belt is a PVC 120 smooth top for horizontal conveyors and a PVC 120 rough top for incline conveyors. Other types of belting are available upon request.

Supports

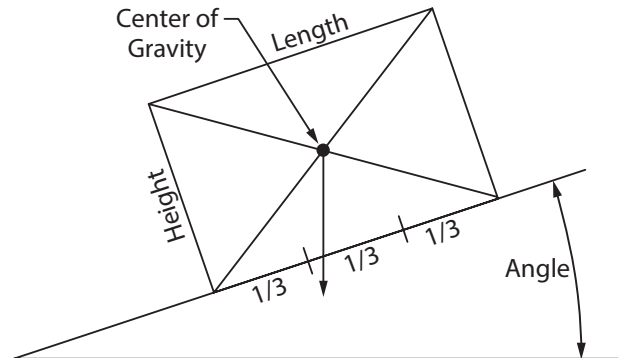
Normally select either the H15 or H30 floor supports. Castered supports are available only in the H30 model. Refer to each belt conveyor model to determine the correct BF floor support.

Controls

Common controls that are available include: manual motor starters, magnetic starters, push buttons, variable speed controllers, safety cable pulls, etc. Please specify at the time of quoting which controls are required and whether installation is desired.

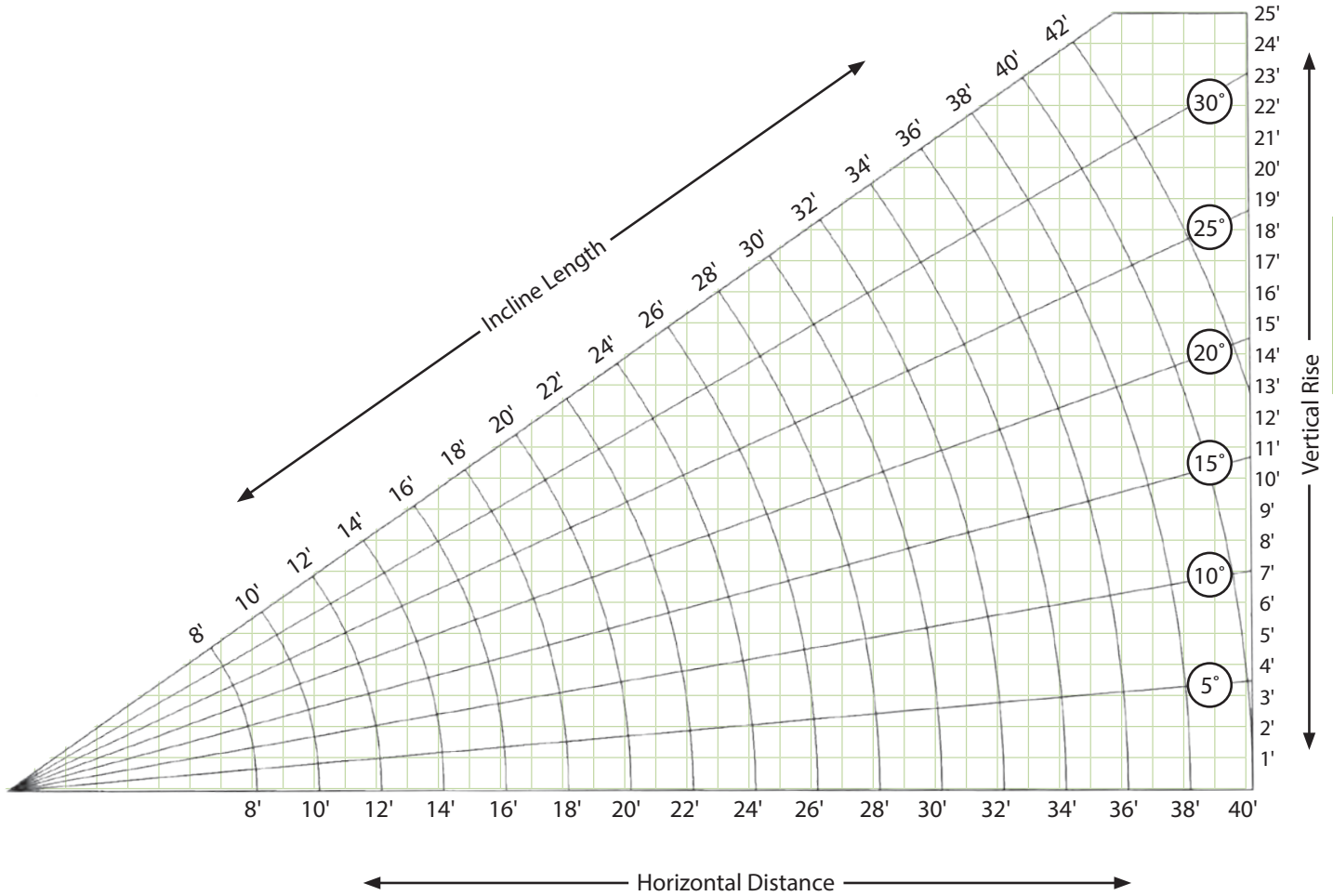
Incline/Decline

The correct degree of incline or decline must be selected in order for the load not to tumble. Generally the degree of incline should not cause a vertical line drawn from the load's center of gravity to lie in the lower 1/3 of the load's length.



Maximum Degree of Incline/ Decline

		Product Height								
		4	8	12	16	20	24	28	32	36
Product Length	4	18	9	6	4	3	3	2	2	2
	8	30	18	12	9	7	6	5	4	4
	12	30	26	18	14	11	9	8	7	6
	16	30	30	24	18	14	12	10	9	8
	20	30	30	29	22	18	15	13	11	10
	24	30	30	30	26	21	18	15	14	12
	28	30	30	30	30	25	21	18	16	14
	32	30	30	30	30	28	24	20	18	16
	36	30	30	30	30	30	25	23	20	18
	40	30	30	30	30	30	29	25	23	20
	42	30	30	30	30	30	30	26	23	20
	44	30	30	30	30	30	30	27	24	22
	46	30	30	30	30	30	30	28	25	23
48	30	30	30	30	30	30	29	26	24	



POWER CONVEYOR

Slider Bed - Model SB400

The Model SB400 slider bed conveyor provides a low cost smooth conveying surface which may be used for many applications such as:

- Packing
- Inspecting
- Sorting
- Testing

STANDARD CONSTRUCTION

Belting: PVC 120.

Bed: 12 gauge painted formed steel, 4" deep. Sections are bolted together with splice plates and floor supports.

Drive Pulley: 4" and 8" diameter crowned and lagged, with 1-3/16" and 1-7/16" diameter shaft.

Tail Pulley: 4" diameter crowned with 1-3/16" diameter shaft.

Return Rollers: 1.9" diameter adjustable.

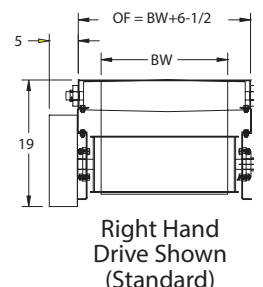
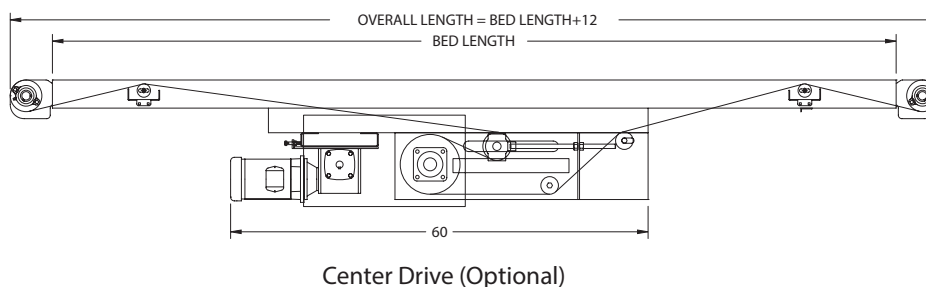
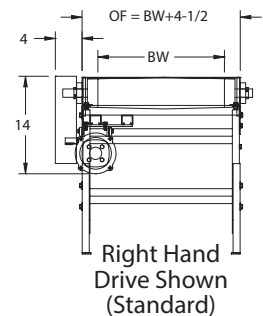
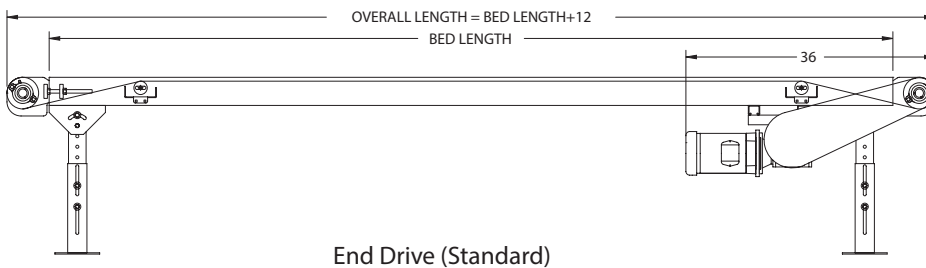
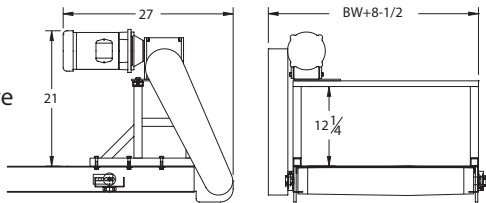
Take-Up: 6" take-up travel.

Bearings: Sealed and prelubricated with cast iron housings.

Motor: 1/2 HP 230/460, 3 phase, 60 HZ, TEFC.

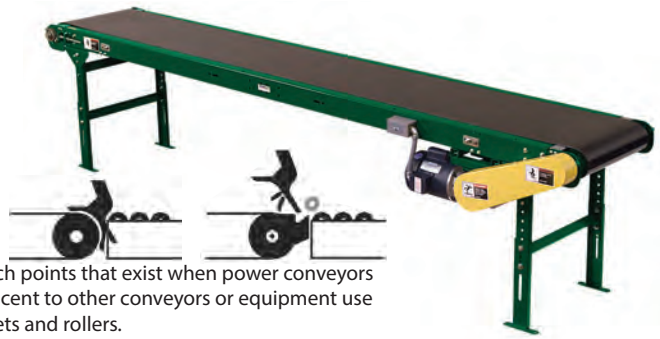
Belt Speed: 60 FPM constant.

Optional Overhead Drive (Right Hand Shown)



Warning!

To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.



OPTIONAL EQUIPMENT

Belting: PVC white, PVC rough top, special belts upon request.

Guard Rails: 2-1/2" and 3-1/2" fixed channel guards, refer to Accessories section.

Floor Supports: Refer to Supports section, castored supports available. BF required is belt width plus 2".

Pop-Out Roller: Pop-out roller assemblies for use when equipment is placed adjacent to head pulley.

Center Drive: Used for reversing applications.

Overhead Drive: Solution for underside clearance problem.

Auxiliary Take-Up: Provides additional 12" belt take-up, required on units longer than 51'.

Motor: Other voltages, single phase, energy efficient, inverter duty, etc. Other HP available.

Belt Speed: Other constant and variable speeds available.

Controls: Manual starters, magnetic starters, push button stations, photo eyes, etc. are available.

SB400 TABLE OF WEIGHTS (LBS.)

Part Number	Overall Length	Bed Length	Drive Pulley Diameter	Belt Width					
				6"	12"	18"	24"	30"	36"
				Overall Bed Width					
				10-1/2"	16-1/2"	22-1/2"	28-1/2"	34-1/2"	40-1/2"
SB400__B 6	6'	5'	4"	250	286	331	384	408	-
SB400__B 11	11'	10'	4"	285	330	401	443	469	497
SB400__B 16	16'	15'	4"	340	399	499	554	590	627
SB400__B 21	21'	20'	4"	372	443	569	637	681	726
SB400__B 26	26'	25'	4"	426	512	667	749	802	856
SB400__B 31	31'	30'	4"	458	556	737	832	894	957
SB400__B 36	36'	35'	4"	512	626	835	943	1,014	1,082
SB400__B 41	41'	40'	4"	545	670	905	1,026	1,106	1,190
SB400__B 46	46'	45'	4"	600	739	1,002	1,137	1,226	1,316
SB400__B 51	51'	50'	4"	635	790	1,084	1,235	1,335	1,440
SB400__B 56	56'-3"	55'	8"	685	850	1,172	1,336	1,445	1,560
SB400__B 61	61'-3"	60'	8"	720	902	1,270	1,439	1,550	1,680
SB400__B 66	66'-3"	65'	8"	752	952	1,373	1,591	1,610	1,792
SB400__B 71	71'-3"	70'	8"	785	1,004	1,476	1,643	1,708	1,899
SB400__B 76	76'-3"	75'	8"	820	1,056	1,579	1,745	1,810	2,005
SB400__B 81	81'-3"	80'	8"	852	1,108	1,681	1,847	1,919	2,115
SB400__B 86	86'-3"	85'	8"	885	1,160	1,783	1,950	2,020	2,224
SB400__B 91	91'-3"	90'	8"	920	1,212	1,884	2,002	2,122	2,225
SB400__B 96	96'-3"	95'	8"	952	1,267	1,993	2,053	2,230	2,335
SB400__B 101	101'-3"	100'	8"	985	1,319	2,092	2,107	2,338	2,446

Power Belt
Conveyor

Replace "__" in Part Number with Belt Width.

SB400 DISTRIBUTED LOAD CAPACITY CHART AT CONSTANT 60 FPM

HP	Belt Width	Overall Length							15° Incline Overall Length					25° Incline Overall Length				
		11'	21'	31'	41'	51'	76'	101'	11'	21'	31'	41'	51'	11'	21'	31'	41'	51'
1/2	12"	360	350	340	330	320	290	260	200	190	190	180	170	150	150	140	140	130
	24"	330	310	290	260	240	180	130	180	170	160	140	130	140	130	120	110	100
	36"	290	260	230	190	160	80	-	160	140	120	110	90	120	110	90	80	70
3/4	12"	610	600	590	580	570	540	510	330	320	310	310	300	250	250	240	240	230
	24"	570	550	530	510	490	430	370	310	300	290	280	260	240	230	220	210	200
	36"	540	510	470	440	410	320	240	290	270	260	240	220	220	210	200	190	170
1	12"	850	840	830	820	810	790	760	460	450	450	440	440	360	350	350	340	340
	24"	810	800	780	760	730	680	620	440	430	420	410	400	340	330	320	320	310
	36"	780	750	720	690	650	570	490	420	410	390	370	350	330	310	300	290	270

POWER CONVEYOR

Slider Bed - Model SB350

The Model SB350 slider bed conveyor provides a low cost smooth conveying surface which may be used for many applications such as:

- Assembly
- Packing
- Sorting
- Testing

STANDARD CONSTRUCTION

Belting: PVC 120.

Bed: 14 ga. steel.

Drive Pulley: 4" and 8" diameter crowned and lagged, with 1-3/16" and 1-7/16" diameter shaft

Frame: 3-1/2" x 1-3/8" x 11 ga. steel channel

Tail Pulley: 4" diameter crowned with 1-3/16" diameter shaft.

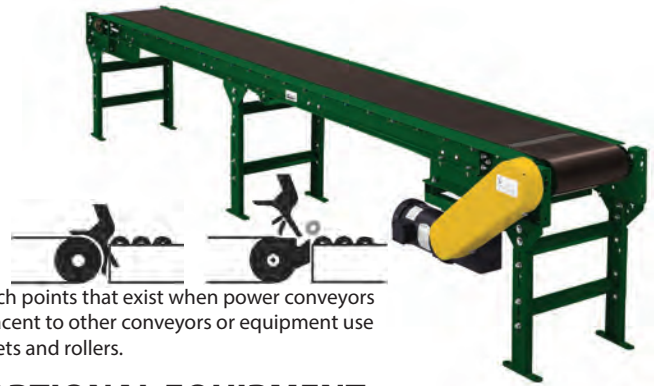
Return Rollers: 1.9" diameter adjustable.

Take-Up: 6" take-up travel, center drive 12"

Bearings: Sealed and prelubricated with cast iron housings.

Motor: 1/2 HP 230/460, 3 phase, 60 HZ, TEFC.

Belt Speed: 60 FPM constant.



Warning!

To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.

OPTIONAL EQUIPMENT

Belting: PVC white, PVC rough top, special belts upon request.

Guard Rails: 2-1/2" and 3-1/2" fixed channel guards, refer to Accessories section.

Floor Supports: Refer to Supports section, castered supports available. BF required is belt width plus 3".

Pop-Out Roller: Pop-out rollers included at each end.

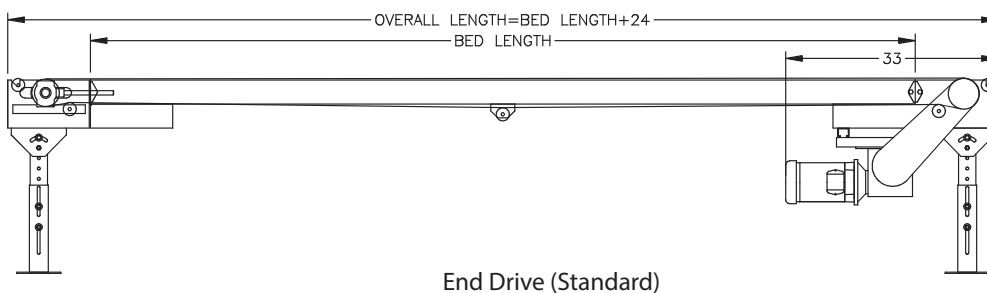
Center Drive: Used for reversing applications.

Auxiliary Take-Up: Provides additional 12" belt take-up, required on units longer than 51'.

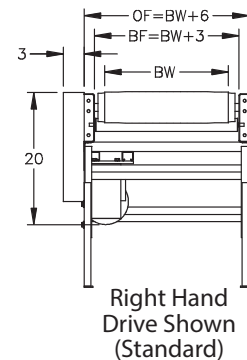
Motor: Other voltages, single phase, energy efficient, inverter duty, etc. Other HP available.

Belt Speed: Other constant and variable speeds available.

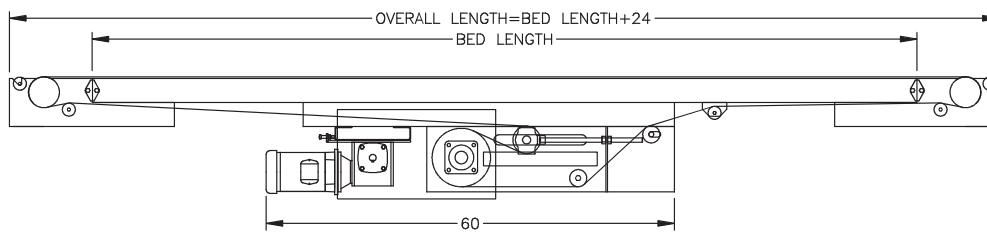
Controls: Manual starters, magnetic starters, push button stations, photo eyes, etc. are available.



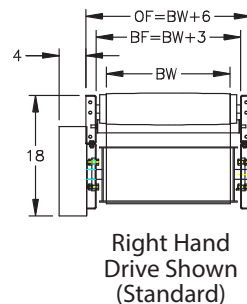
End Drive (Standard)



Right Hand Drive Shown (Standard)



Center Drive (Optional)



Right Hand Drive Shown (Standard)

SB350 TABLE OF WEIGHTS (LBS.)

Part Number	Overall Length	Bed Length	Drive Pulley Diameter	Belt Width					
				6"	12"	18"	24"	30"	36"
				BF (Between Frame)					
				9"	15"	21"	27"	33"	39"
SB350__B 7	7'	5'	4"	250	280	311	361	394	-
SB350__B 12	12'	10'	4"	316	362	408	488	539	595
SB350__B 17	17'	15'	4"	396	458	519	631	700	777
SB350__B 22	22'	20'	4"	463	539	616	757	845	940
SB350__B 27	27'	25'	4"	543	635	727	900	1,007	1,122
SB350__B 32	32'	30'	4"	607	713	820	1,022	1,146	1,279
SB350__B 37	37'	35'	4"	679	800	922	1,154	1,296	1,448
SB350__B 42	42'	40'	4"	753	891	1,029	1,291	1,452	1,624
SB350__B 47	47'	45'	4"	833	987	1,140	1,434	1,613	1,806
SB350__B 52	52'	50'	4"	900	1,068	1,237	1,560	1,758	1,969
SB350__B 57	57'	55'	8"	980	1,158	1,337	1,700	1,921	2,142
SB350__B 62	62'	60'	8"	1,060	1,248	1,437	1,840	2,084	2,315
SB350__B 67	67'	65'	8"	1,440	1,338	1,537	1,980	2,247	2,488
SB350__B 72	72'	70'	8"	1,220	1,428	1,638	2,120	2,410	2,661
SB350__B 77	77'	75'	8"	1,300	1,518	1,736	2,260	2,573	2,834
SB350__B 82	82'	80'	8"	1,380	1,608	1,839	2,400	2,736	3,007
SB350__B 87	87'	85'	8"	1,460	1,698	1,935	2,540	2,899	-
SB350__B 92	92'	90'	8"	1,540	1,788	2,037	2,680	3,062	-
SB350__B 97	97'	95'	8"	1,620	1,878	2,137	2,820	3,225	-
SB350__B 102	102'	100'	8"	1,700	1,968	2,237	2,960	3,388	-

Power Belt Conveyor

Replace "__" in Part Number with Belt Width.

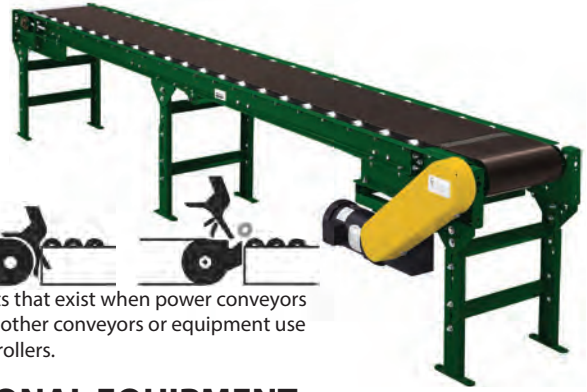
SB350 DISTRIBUTED LOAD CAPACITY CHART AT CONSTANT 60 FPM

HP	Belt Width	Overall Length							15° Incline Overall Length					25° Incline Overall Length				
		12'	22'	32'	42'	52'	77'	102'	12'	22'	32'	42'	52'	12'	22'	32'	42'	52'
1/2	12"	360	350	340	330	320	290	260	200	190	190	180	170	150	150	140	140	130
	24"	330	310	290	260	240	180	130	180	170	160	140	130	130	130	120	110	100
	36"	290	260	220	190	180	90	-	160	140	120	100	90	120	110	90	80	70
3/4	12"	610	600	590	580	570	540	510	330	320	320	310	300	250	250	240	240	230
	24"	570	550	530	510	480	430	370	310	300	290	280	260	240	230	220	210	200
	36"	530	500	470	440	400	320	240	290	270	260	240	220	220	210	200	180	170
1	12"	850	840	830	820	810	780	760	460	450	450	440	430	350	350	350	340	340
	24"	810	800	770	750	730	680	620	440	430	410	400	390	340	330	320	310	300
	36"	780	750	720	680	650	570	480	420	400	380	360	350	330	310	300	290	270

POWER CONVEYOR

Roller Bed - Model RB190

The Model RB190 roller bed will transport heavier unit loads. The roller bed reduces friction, provides greater capacity and is well suited for moving product throughout a facility.



Warning!

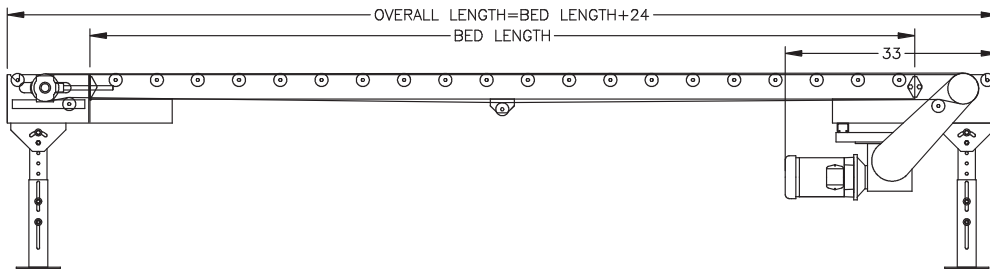
To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.

STANDARD CONSTRUCTION

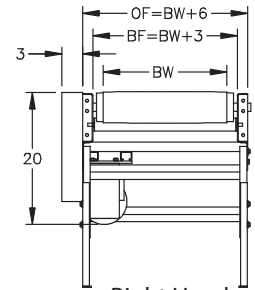
- Belting:** PVC 120.
- Bed:** 1.9" x 16 ga. galvanized steel rollers on 6" centers.
- Frame:** 3-1/2" x 1-3/8" x 11 ga. steel channel
- Drive Pulley:** 4" and 8" diameter crowned and lagged, with 1-3/16" and 1-7/16" diameter shaft
- Tail Pulley:** 4" diameter crowned with 1-3/16" diameter shaft.
- Return Rollers:** 1.9" diameter adjustable.
- Take-Up:** 6" take-up travel, center drive 12".
- Bearings:** Sealed and prelubricated with cast iron housings.
- Motor:** 1/2 HP 230/460, 3 phase, 60 HZ, TEFC.
- Belt Speed:** 60 FPM constant.

OPTIONAL EQUIPMENT

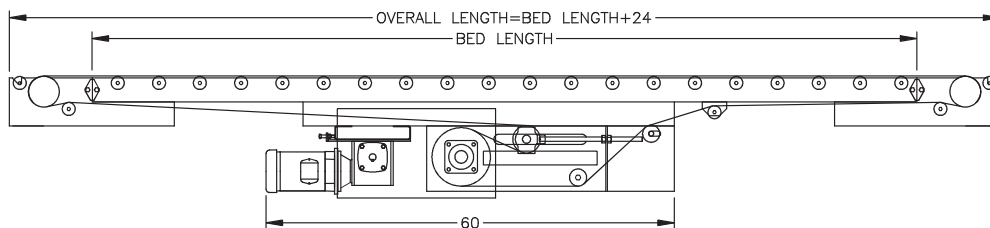
- Belting:** PVC white, PVC rough top, special belts upon request.
- Roller Centers:** 3" roller centers available.
- Guard Rails:** 2-1/2" and 3-1/2" fixed channel guards, refer to Accessories section.
- Floor Supports:** Refer to Floor Supports section, casted supports available. BF required is belt width plus 3".
- Pop-Out Roller:** Pop-out rollers included at each end.
- Center Drive:** Used for reversing applications.
- Auxiliary Take-Up:** Provides additional 12" belt take-up, required on units longer than 51'.
- Motor:** Other voltages, single phase, energy efficient, inverter duty, etc. Other HP available.
- Belt Speed:** Other constant and variable speeds available.
- Controls:** Manual starters, magnetic starters, push button stations, photo eyes, etc. are available.



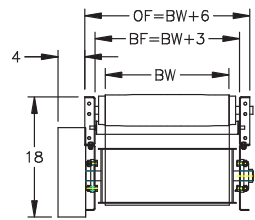
End Drive (Standard)



Right Hand Drive Shown (Standard)



Center Drive (Optional)



Right Hand Drive Shown (Standard)

RB190 TABLE OF WEIGHTS (LBS.)

Part Number	Overall Length	Bed Length	Drive Pulley Diameter	Belt Width					
				6"	12"	18"	24"	30"	36"
				BF (Between Frame)					
				9"	15"	21"	27"	33"	39"
RB190__B 7	7'	5'	4"	236	269	301	339	370	-
RB190__B 12	12'	10'	4"	289	339	388	443	491	544
RB190__B 17	17'	15'	4"	356	422	489	563	628	700
RB190__B 22	22'	20'	4"	409	492	576	667	749	838
RB190__B 27	27'	25'	4"	476	576	676	787	886	994
RB190__B 32	32'	30'	4"	527	643	759	885	1,000	1,124
RB190__B 37	37'	35'	4"	586	718	850	994	1,125	1,267
RB190__B 42	42'	40'	4"	647	797	947	1,109	1,258	1,418
RB190__B 47	47'	45'	4"	714	881	1,048	1,229	1,395	1,574
RB190__B 52	52'	50'	4"	767	951	1,135	1,333	1,516	1,712
RB190__B 57	57'	55'	8"	833	1,029	1,229	1,445	1,645	1,859
RB190__B 62	62'	60'	8"	899	1,107	1,323	1,557	1,774	2,006
RB190__B 67	67'	65'	8"	965	1,185	1,417	1,669	1,903	2,153
RB190__B 72	72'	70'	8"	1,031	1,263	1,511	1,781	2,032	2,300
RB190__B 77	77'	75'	8"	1,097	1,341	1,605	1,893	2,161	2,447
RB190__B 82	82'	80'	8"	1,163	1,419	1,699	2,005	2,290	2,594
RB190__B 87	87'	85'	8"	1,229	1,497	1,793	2,117	2,419	2,741
RB190__B 92	92'	90'	8"	1,295	1,575	1,887	2,229	2,548	2,888
RB190__B 97	97'	95'	8"	1,361	1,653	1,981	2,341	2,677	3,035
RB190__B 102	102'	100'	8"	1,427	1,731	2,075	2,453	2,806	3,182

Power Belt
Conveyor

Replace "__" in Part Number with Belt Width.

RB190 DISTRIBUTED LOAD CAPACITY CHART AT CONSTANT 60 FPM AND 6" ROLLER CENTERS

HP	Belt Width	Overall Length							15° Incline Overall Length					25° Incline Overall Length				
		12'	22'	32'	42'	52'	77'	102'	12'	22'	32'	42'	52'	12'	22'	32'	42'	52'
1/2	12"	2,780	2,700	2,620	2,540	2,450	2,250	2,050	450	430	420	410	390	290	280	270	260	260
	24"	2,690	2,540	2,400	2,260	2,100	1,760	1,400	430	410	380	360	340	280	270	250	230	220
	36"	2,590	2,390	2,290	2,180	1,780	1,280	760	420	380	350	320	280	270	250	230	210	190
3/4	12"	4,260	4,180	4,110	4,030	3,950	3,740	3,540	690	670	660	650	630	450	440	430	420	410
	24"	4,180	4,020	3,880	3,740	3,610	3,250	2,890	670	650	620	600	580	440	430	410	390	380
	36"	4,070	3,870	3,670	3,460	3,260	2,750	2,240	660	620	590	560	520	430	410	390	370	350
1	12"	5,740	5,660	5,580	5,500	5,420	5,210	5,010	930	910	900	890	870	600	590	590	580	570
	24"	5,650	5,510	5,360	5,220	5,080	4,720	4,370	910	890	860	840	820	590	580	570	550	530
	36"	5,550	5,350	5,150	4,950	4,740	4,230	3,730	900	860	830	800	760	580	560	540	520	500

POWER CONVEYOR

Slider Bed Incline - Model SBI350

The Model SBI350 incline conveyor provides a smooth conveying surface and allows movement of cartons, boxes, etc., floor-to-floor in either direction. It can also be used to increase elevation in gravity flow situations.



Left Hand Drive Shown

STANDARD CONSTRUCTION

Belting: PVC 120 rough top.

Bed: 12 ga. steel.

Frame: 3-1/2" x 1-3/8" x 11 ga. steel channel

Drive Pulley: 8" diameter crowned and lagged, with 1-7/16" diameter shaft

Tail Pulley: 4" diameter crowned with 1-3/16" diameter shaft.

Return Rollers: 1.9" diameter adjustable.

Take-Up: 12" take-up travel.

Bearings: Sealed and prelubricated with cast iron housings.

Motor: 3/4 HP 230/460, 3 phase, 60 HZ, TEFC.

Belt Speed: 60 FPM constant.

Drive: Right hand center drive standard, allows for reversing operation.

Noseover: Double noseover included, adjustable from 0-30 degrees.

OPTIONAL EQUIPMENT

Belting: Special belts upon request.

Guard Rails: 2-1/2" and 3-1/2" fixed channel guards, refer to Accessories section.

Floor Supports: Refer to Floor Supports section, castored supports available. BF required is belt width plus 3".

Ceiling Hangers: Ceiling hangers available, refer to supports section.

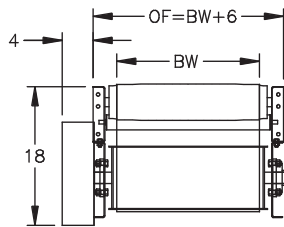
Pop-Out Roller: Pop-out rollers included at each end.

Motor: Other voltages, single phase, energy efficient, inverter duty, etc. Other HP available.

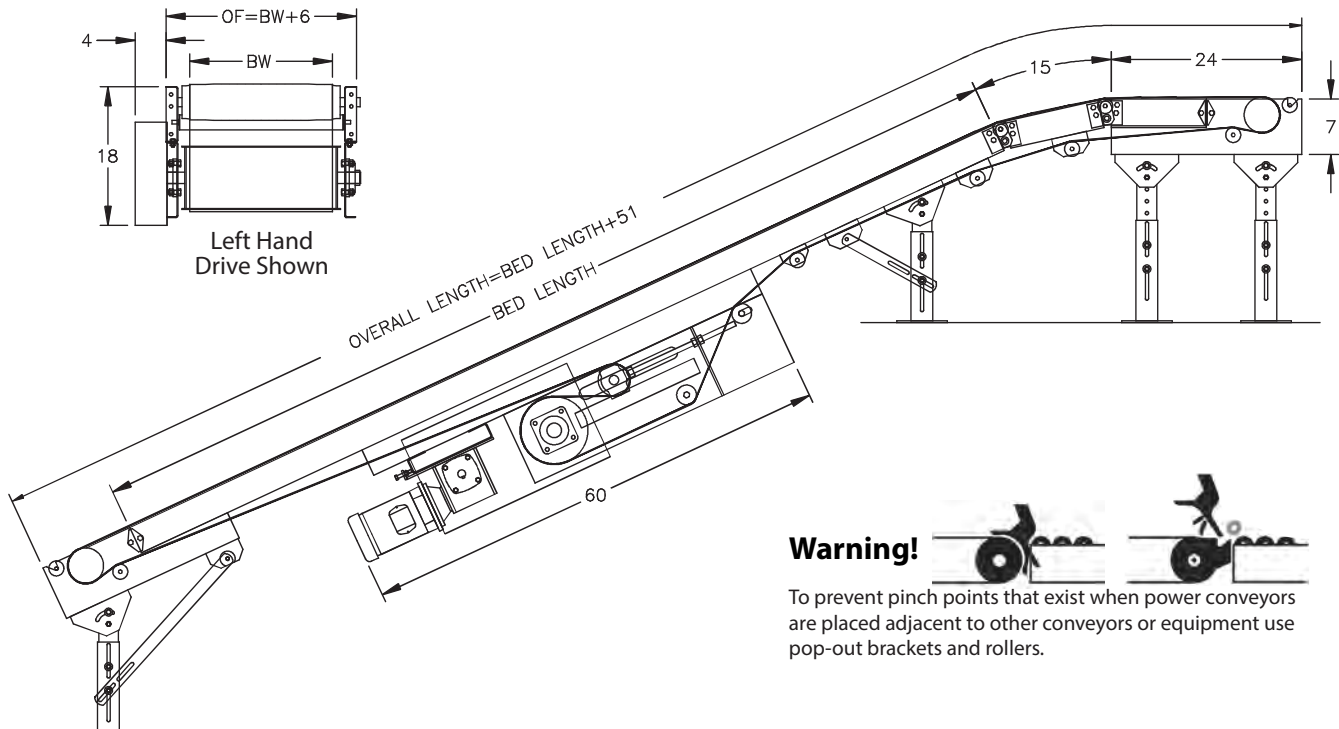
Power Feeder: Chain driven power feeder available to provide a smooth transition to incline.

Belt Speed: Other constant and variable speeds available.

Controls: Manual starters, magnetic starters, push button stations, photo eyes, etc. are available.



Left Hand Drive Shown



Warning!



To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.

SBI350 TABLE OF WEIGHTS (LBS.)

Part Number	Overall Length	Bed Length	Drive Pulley Diameter	Belt Width					
				6"	12"	18"	24"	30"	36"
				BF (Between Frame)					
				9"	15"	21"	27"	33"	39"
SBI350__B 10	14'-3"	10'	8"	410	478	545	644	716	790
SBI350__B 15	19'-3"	15'	8"	476	559	642	771	861	953
SBI350__B 20	24'-3"	20'	8"	542	641	740	898	1,006	1,117
SBI350__B 25	29'-3"	25'	8"	609	723	837	1,024	1,152	1,281
SBI350__B 30	34'-3"	30'	8"	672	801	930	1,146	1,291	1,437
SBI350__B 35	39'-3"	35'	8"	737	881	1,025	1,270	1,434	1,597
SBI350__B 40	44'-3"	40'	8"	805	964	1,124	1,399	1,581	1,765
SBI350__B 45	49'-3"	45'	8"	871	1,046	1,221	1,526	1,726	1,928
SBI350__B 50	54'-3"	50'	8"	937	1,128	1,318	1,653	1,871	2,092

Replace "__" in Part Number with Belt Width.

Power Belt
Conveyor

SBI350 DISTRIBUTED LOAD CAPACITY CHART AT CONSTANT 60 FPM

HP	Belt Width To	Overall Length At 15° Incline			Overall Length At 25° Incline		
		14'-3"	24'-3"	54'-3"	14'-3"	24'-3"	54'-3"
3/4	12"	330	320	310	260	250	240
	24"	170	160	120	130	120	90
	36"	150	130	60	120	100	50
1	12"	445	430	390	345	335	300
	24"	420	390	305	325	300	235
	36"	390	350	220	305	270	170
1-1/2	12"	680	665	625	525	515	485
	24"	655	625	540	505	485	420
	36"	630	585	460	485	454	355

POWER CONVEYOR

Roller Bed Incline - Model RBI190

The Model RBI190 incline conveyor allows movement of cartons, boxes, etc., floor-to-floor in either direction. The roller bed provides a higher capacity and can also be used to increase elevation in gravity flow situations.



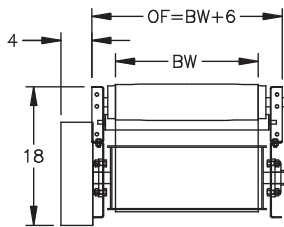
Left Hand Drive Shown

STANDARD CONSTRUCTION

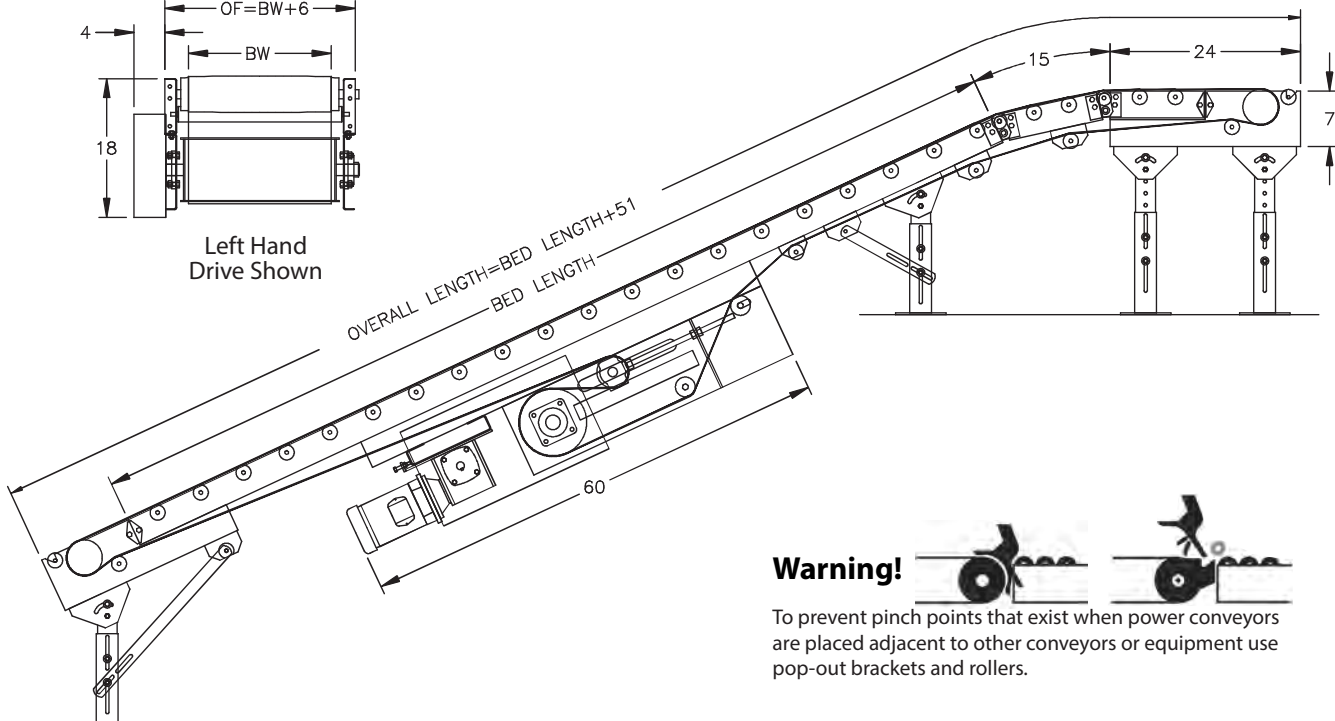
- Belting:** PVC 120 rough top.
- Bed:** 1.9" x 16 ga. galvanized steel rollers on 6" centers.
- Frame:** 3-1/2" x 1-3/8" x 11 ga. steel channel
- Drive Pulley:** 8" diameter crowned and lagged, with 1-7/16" diameter shaft
- Tail Pulley:** 4" diameter crowned with 1-3/16" diameter shaft.
- Return Rollers:** 1.9" diameter adjustable.
- Take-Up:** 12" take-up travel.
- Bearings:** Sealed and prelubricated with cast iron housings.
- Motor:** 3/4 HP 230/460, 3 phase, 60 HZ, TEFC.
- Belt Speed:** 60 FPM constant.
- Drive:** Right hand center drive standard, allows for reversing operation.
- Noseover:** Double noseover included, adjustable from 0-30 degrees.

OPTIONAL EQUIPMENT

- Belting:** Special belts upon request.
- Roller Centers:** 3" roller centers available.
- Guard Rails:** 2-1/2" and 3-1/2" fixed channel guards, refer to Accessories section.
- Floor Supports:** Refer to Floor Supports section. BF required is belt width plus 3".
- Ceiling Hangers:** Ceiling hangers available, refer to Supports Section
- Pop-Out Roller:** Pop-out rollers included at each end.
- Motor:** Other voltages, single phase, energy efficient, inverter duty, etc. Other HP available.
- Power Feeder:** Chain driven power feeder available to provide a smooth transition to incline.
- Belt Speed:** Other constant and variable speeds available.
- Controls:** Manual starters, magnetic starters, push button stations, photo eyes, etc. are available.



Left Hand Drive Shown



Warning!



To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.

RBI190 TABLE OF WEIGHTS (LBS.)

Part Number	Overall Length	Bed Length	Drive Pulley Diameter	Belt Width					
				6"	12"	18"	24"	30"	36"
				BF (Between Frame)					
				9"	15"	21"	27"	33"	39"
RBI190__B 10	14'-3"	10'	8"	383	454	525	599	668	738
RBI190__B 15	19'-3"	15'	8"	436	524	612	703	789	876
RBI190__B 20	24'-3"	20'	8"	489	594	699	807	910	1,014
RBI190__B 25	29'-3"	25'	8"	542	664	786	911	1,031	1,152
RBI190__B 30	34'-3"	30'	8"	593	731	869	1,009	1,145	1,283
RBI190__B 35	39'-3"	35'	8"	645	800	952	1,105	1,260	1,415
RBI190__B 40	44'-3"	40'	8"	699	871	1,042	1,217	1,387	1,559
RBI190__B 45	49'-3"	45'	8"	752	941	1,129	1,321	1,508	1,697
RBI190__B 50	54'-3"	50'	8"	805	1,011	1,216	1,425	1,629	1,835

Replace "__" in Part Number with Belt Width.

Power Belt
Conveyor

RBI190 DISTRIBUTED LOAD CAPACITY CHART AT CONSTANT 60 FPM AND 6" ROLLER CENTERS

HP	Belt Width To	Overall Length At 15° Incline			Overall Length At 25° Incline		
		14'-3"	24'-3"	54'-3"	14'-3"	24'-3"	54'-3"
3/4	12"	635	620	580	415	405	290
	24"	610	585	510	400	380	335
	36"	585	510	444	380	355	290
1	12"	860	840	805	560	550	525
	24"	830	805	735	545	525	480
	36"	805	770	665	525	505	435
1-1/2	12"	1,305	1,290	1,250	850	840	815
	24"	1,275	1,250	1,180	835	820	770
	36"	1,250	1,215	1,110	815	795	725
2	12"	1,750	1,735	1,690	1,140	1,135	1,105
	24"	1,720	1,700	1,625	1,125	1,110	1,060
	36"	1,695	1,660	1,555	1,105	1,085	1,015

POWER CONVEYOR

Optional Equipment - Pop-Out Brackets

Pop-Out Brackets are used when placing a belt conveyor adjacent to other conveyors or equipment. The bracket and roller assembly allow the roller to "pop-out" if an object becomes entangled between it and the belt.

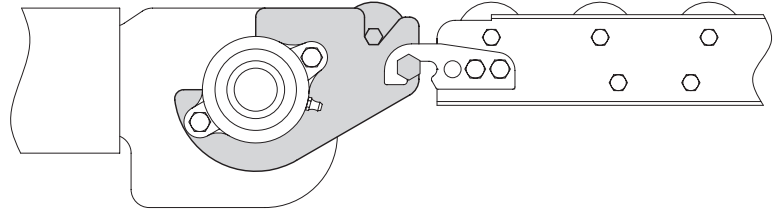
Warning!



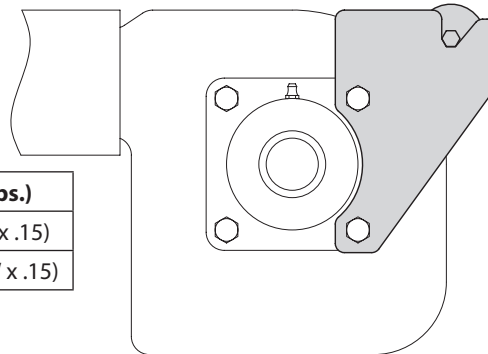
To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.

SB400

For SB400 belt conveyors, use at head pulley and also tail pulley if the conveyor is reversing. The 4" pulley model allows hook and rod gravity conveyor to be attached using the included shoulder bolts. Gravity conveyor OF must be 6" more than the belt width. Model KG roller included.



SB400 Pop-Out Brkt 4"



SB400 Pop-Out Brkt 8"

Part Number	Pulley Dia.	Roller BF	Wt. (Lbs.)
PB SB40 4 B__	4"	Belt Width+ 4"	2 + (BW x .15)
PB SB40 8 B__	8"	Belt Width + 5-1/4"	2.5 + (BW x .15)

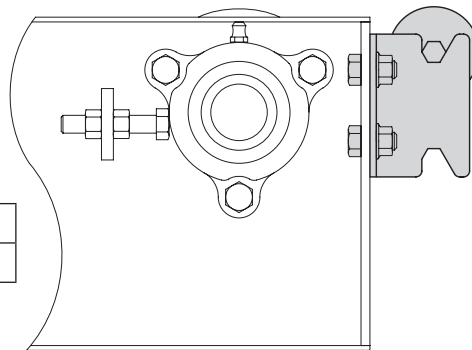
Replace "__" in Part Number with Belt Width.

RB190/SB350

For RB190 and SB350 belt conveyor, use at head pulley. Model KG roller included.

Part Number	Pulley Dia.	Roller BF	Wt. (Lbs.)
PB RB19/SB35 4/8 B__	4" & 8"	Belt Width+ 3"	2 + (BW x .15)

Replace "__" in Part Number with Belt Width.



RB190/SB350 Pop-Out Brkt 4" & 8"

Power feeders are for use with RBI190 and SBI350 incline conveyors. Power feeders ensure a smooth transition to an incline conveyor.

Construction:

Belting: PVC 120 with staple lacing. Other belts available.

Drive Pulley: 4" diameter, crowned and lagged; 1-3/16" diameter shaft.

Tail Pulley: 4" diameter, crowned.

Drive: Driven from tail pulley of conveyor at a 1:1 ratio. Other ratios available. RH standard; LH available.

Take-Up: 12" belt take-up at tail pulley

Bearings: Sealed and prelubricated with cast iron housings

Frame: 3-1/2" x 1-3/8" x 11 ga. channel painted steel

Bed:

SBPF (slider bed)

RBPF (roller bed)

14 ga. steel for 9", 15" & 21" BF

1.9" O.D. x 16 ga. galvanized steel rollers

12 ga. steel for 27", 33", & 39" BF



Part Number	Belt Width					
	6"	12"	18"	24"	30"	36"
	Between Frame Width (BF)					
	9"	15"	21"	27"	33"	39"
SBPFB__	120	141	162	205	256	353
RPFB__	118	139	160	200	244	331
Standard Length	4' - 0"	4' - 0"	4' - 0"	5' - 0"	6' - 0"	8' - 0"

Replace "__" in Part Number with Belt Width.

Minimum Length is 4'-0".

CDLR - CHAIN DRIVEN LIVE ROLL TO ROLL CONVEYOR

Chain Driven Live Roller - Model CDLR17F

The Model CDLR17F is a roll to roll chain driven live roller conveyor. This CDLR is a low cost, high load capacity powered conveyor suitable for many conveying applications such as:

- Pallet Loads
- Drums
- Containers
- Testing

Warning!

To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.



UNIQUE FEATURES

- Heavy duty 7 ga. material used for roll to roll guarding
- Abec 1 precision bearings utilized for the two main drive rollers
- Roll to roll chains can be linked and installed on the rollers before inserting them into the frame, ideal when performing maintenance or replacing rollers.
- Drives and slaves sections are available in 5' and 10' lengths allowing for customizable configurations and expansion.

STANDARD CONSTRUCTION

Effective Width: 27 and 51" standard.

Drive: Standard mounted high center drive for maximum capacity. No. 40 roller chain is standard.

Motor: 1 HP 230/460 VAC 3 phase.

Speed: 30 FPM standard.

Rollers: 1.9" x 9 ga. with 7/16" hex axles. The two drive rollers contain Abec 1 precision bearings, all others contain grease packed and sealed commercial bearings.

Roller Centers: 4" standard.

Frame: 1-1/2" x 3-1/2" x 8 ga. steel channel on non-drive side and 1-1/2" x 5" x 8 ga. steel channel on drive side. Roller chain guarding made of heavy duty 7 ga. material. Standard frames available in 5' and 10' lengths.

Frame Finish: Powder painted ACP Green, all guards powder painted Safety Yellow.

CAPACITY

- Any combination of a drive and slaves up to 50'
- Maximum live load is 4,500 pounds per drive at 50' in length.
- Maximum live load is 12,000 pounds per drive at 30' in length.
- Maximum live load is 800 pounds evenly distributed per foot using 5' support centers.

Concerning Capacity: Drive must be positioned near center - otherwise capacity may be reduced. Conveyor must also be level.

OPTIONAL EQUIPMENT

Floor Supports: Recommended support is model 4BH30, refer to Supports section. Support BF required is the Effective Width plus 3", 5' support centers are recommended.

Motor: Other voltages, single phase, energy efficient, inverter duty, etc.

Speed: Other constant and variable speeds available.

Controls: Manual starters, magnetic starters, push button stations, photo eyes, etc. are available.



Drive with Guards Removed

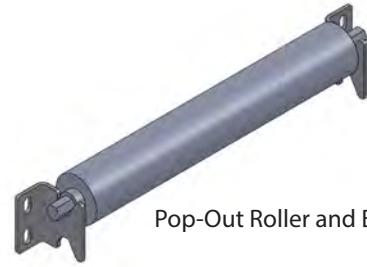
CDLR - CHAIN DRIVEN LIVE ROLL TO ROLL CONVEYOR

Chain Driven Live Roller - Model CDLR17F

CDLR16F TABLE OF WEIGHTS (LBS.)

Part Number	Overall Length	Type	Effective Width	
			27"	51"
			Overall Bed Width	
			33"	57"
CDLR17F10KD04 __EW1A3ID30	10'	Drive	591	808
CDLR17F05KD04 __EW1AID30	5'	Drive	526	448
CDLR17F10KD04 __EW	10'	Slave	526	760
CDLR17F05KD04 __EW	5'	Slave	266	382

Replace "__" in Part Number with Effective Width.

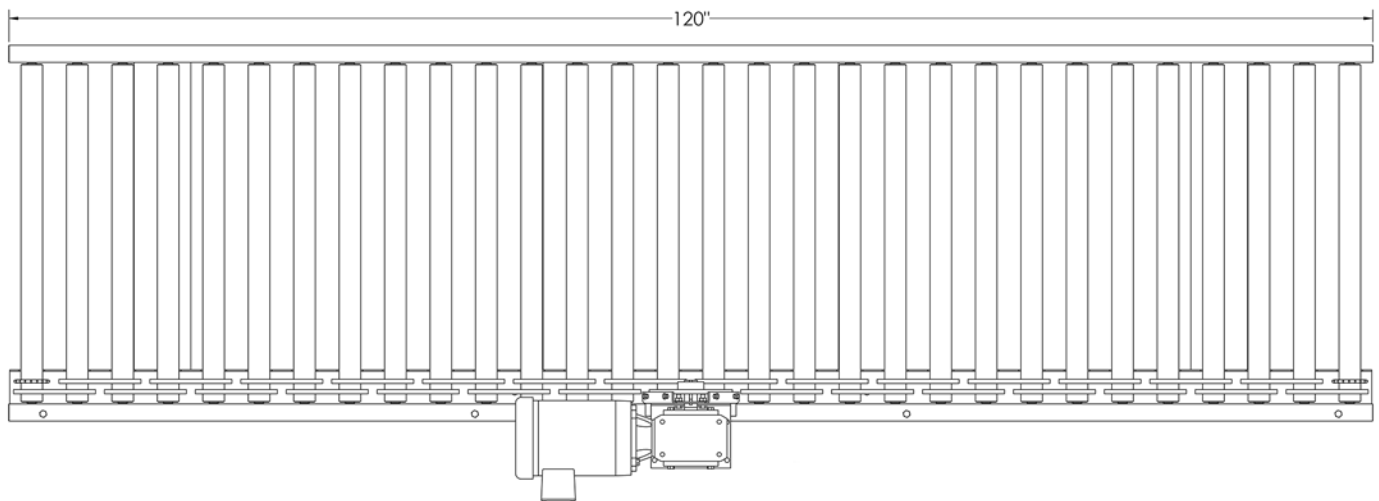


Pop-Out Roller and Brackets

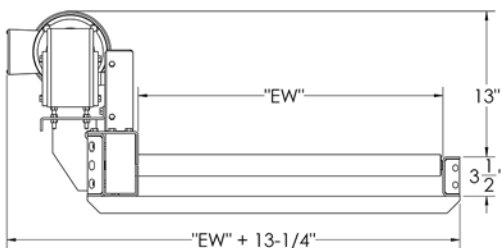
POP-OUT ROLLER/BRACKETS

Part Number	Roller BF	Wt. (Lbs.)
PBCDLR17FB__	EW + 3"	2.2 + (BF x .37)

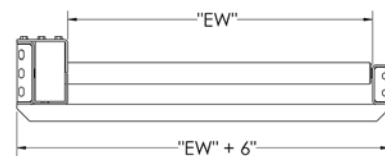
Replace "__" in Part Number with Roller BF.



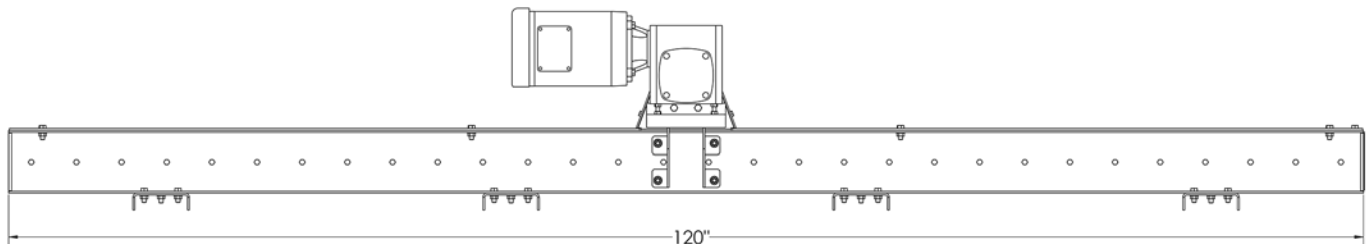
Drive Section Top View
(chain guard removed)



Drive End View



Slave End View



Drive Section Side View

CDLR
Conveyor

CDLR - CHAIN DRIVEN LIVE ROLL TO ROLL CONVEYOR

Chain Driven Live Roller - Model CDLR16F

The Model CDLR16F is a roll to roll chain driven live roller conveyor. This CDLR is a low cost, high load capacity powered conveyor suitable for many conveying applications such as:

- Pallet Loads
- Drums
- Containers
- Testing

Warning!

To prevent pinch points that exist when power conveyors are placed adjacent to other conveyors or equipment use pop-out brackets and rollers.



UNIQUE FEATURES

- Heavy duty 7 ga. material used for roll to roll guarding
- Abec 1 precision bearings utilized for the two main drive rollers
- Roll to roll chains can be linked and installed on the rollers before inserting them into the frame, ideal when performing maintenance or replacing rollers.
- Drives and slaves sections are available in 5' and 10' lengths allowing for customizable configurations and expansion.

STANDARD CONSTRUCTION

Effective Width: 27 and 51" standard.

Drive: Standard mounted high center drive for maximum capacity. No. 50 roller chain is standard.

Motor: 1 HP 230/460 VAC 3 phase.

Speed: 30 FPM standard.

Rollers: 2-1/2" x 11 ga. with 11/16" hex axles. The two drive rollers contain Abec 1 precision bearings, all others contain grease packed and sealed commercial bearings.

Roller Centers: 5" standard.

Frame: 1-1/2" x 4" x 8 ga. steel channel on non-drive side and 1-1/2" x 6" x 8 ga. steel channel on drive side. Roller chain guarding made of heavy duty 7 ga. material. Standard frames available in 5' and 10' lengths.

Frame Finish: Powder painted ACP Green, all guards powder painted Safety Yellow.

CAPACITY

- Any combination of a drive and slaves up to 50'
- Maximum live load is 7,000 pounds per drive at 50' in length.
- Maximum live load is 15,000 pounds per drive at 30' in length.
- Maximum live load is 900 pounds evenly distributed per foot using 5' support centers.

Concerning Capacity: Drive must be positioned near center - otherwise capacity may be reduced. Conveyor must also be level.

OPTIONAL EQUIPMENT

Floor Supports: Recommended support is model 4BH30, refer to Supports section. Support BF required is the Effective Width plus 4", 5' support centers are recommended.

Motor: Other voltages, single phase, energy efficient, inverter duty, etc.

Speed: Other constant and variable speeds available.

Controls: Manual starters, magnetic starters, push button stations, photo eyes, etc. are available.



Drive with Guards Removed

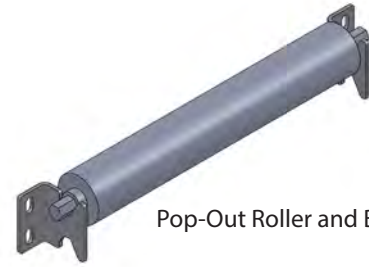
CDLR - CHAIN DRIVEN LIVE ROLL TO ROLL CONVEYOR

Chain Driven Live Roller - Model CDLR16F

CDLR16F TABLE OF WEIGHTS (LBS.)

Part Number	Overall Length	Type	Effective Width	
			27"	51"
			Overall Bed Width	
			34"	58"
CDLR16F10S05 __EW CN51A3 30	10'	Drive	635	815
CDLR16F05S05 __EW CN51A3 30	5'	Drive	365	455
CDLR16F10S05 __EW N5	10'	Slave	550	725
CDLR16F05S05 __EW N5	5'	Slave	275	365

Replace " __ " in Part Number with Effective Width.

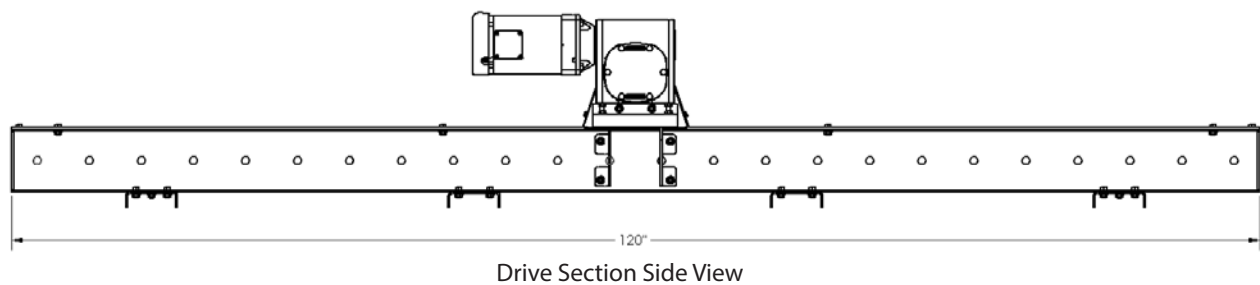
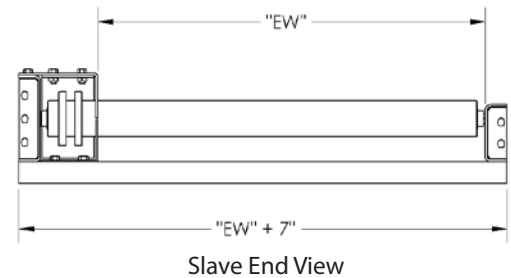
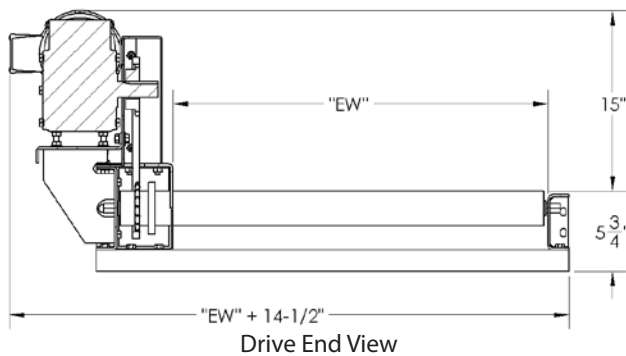
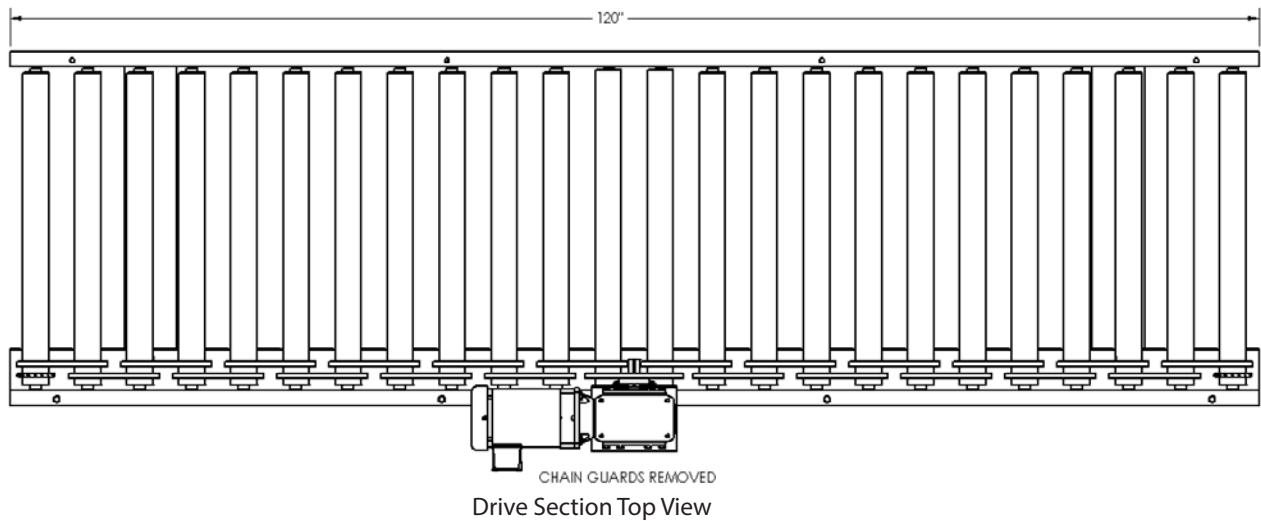


Pop-Out Roller and Brackets

POP-OUT ROLLER/BRACKETS

Part Number	Roller BF	Wt. (Lbs.)
PBCDLR16FB __	EW + 4"	1.2 + (BF x .30)

Replace " __ " in Part Number with Roller BF.



CDLR
Conveyor

SUPPORTS

Tripod - Model DT

Adjustable height tripod stands may be used with straight or curved sections of skatewheel and 11F roller conveyors. They are easily adjustable and very portable.

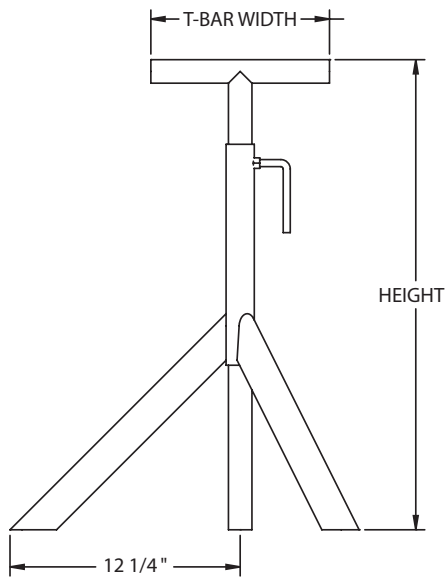
Construction:

T-Bar: 1-1/4" O.D. x 11 ga. steel

Legs: 12 ga. steel

Capacity: 400 Lbs.

Packaging: Shipped unassembled



Part Number	Height Range Top of Stand	Top of Wheel and Roller (12F/11F)	OAW of Conveyor	T-Bar Width	Wt. (Lbs.)
DT12S16T27	16" - 27"	17.7" - 27.7"	12"	9.5"	10
DT12S25T43	25" - 43"	26.7" - 44.7"			10.9
DT12S42T60	42" - 60"	43.7" - 61.7"			12.8

DT15S16T27	16" - 27"	17.7" - 27.7"	15"	12.5"	10.3
DT15S25T43	25" - 43"	26.7" - 44.7"			11.2
DT15S42T60	42" - 60"	43.7" - 61.7"			13.1

DT18S16T27	16" - 27"	17.7" - 27.7"	18"	15.5"	10.7
DT18S25T43	25" - 43"	26.7" - 44.7"			11.6
DT18S42T60	42" - 60"	43.7" - 61.7"			13.5

DT24S16T27	16" - 27"	17.7" - 27.7"	24"	21.5"	11.3
DT24S25T43	25" - 43"	26.7" - 44.7"			12.2
DT24S42T60	42" - 60"	43.7" - 61.7"			14.1

Light Duty H-Stand - Model H15

The H15 1500 lb. capacity H-Stand support may be used with gravity skatewheel, gravity roller conveyor (2-1/2" and 3-1/2" frames), and power belt conveyor. The h-stand is used for permanent, as opposed to portable, conveyor installations. Single legs are available for curves if desired.

Construction:

Upper Legs: 12 ga. steel

Lower Legs: 12 ga. steel

Pivot Brackets: 12 ga. steel

Crossbraces: 1-3/4" 11 ga. angle

Floor Pad: 3/16" steel

Widths: Standard BF's include: 4, 5, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 41, 42, 43, 46, 47, 48, 51 Other BF's available

Capacity: 1, 500 Lbs.

Packaging: Shipped unassembled, factory assembly additional charge

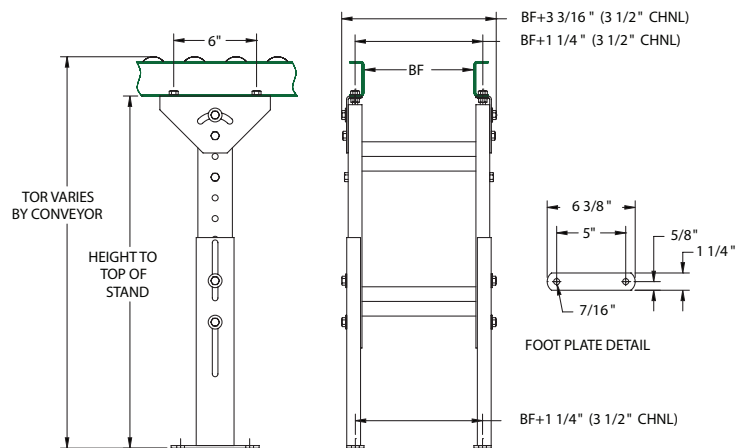


Part Number	Height Range Top of Stand	Top of Skatewheel	Top of Roller B	Top of Roller EA, EG, EFA, EFG	Wt. (Lbs.)	No. Crossbraces
H15M13B__	11-1/2" - 15-3/8"	14-3/8" to 18-1/4"	13-1/8" to 17"	14-1/4" to 18-1/8"	8.2 + (.11 x BF)	1
H15M17B__	13-3/4" - 19-5/8"	16-5/8" to 22-1/2"	15-3/8" to 21-1/4"	16-1/2" to 22-3/8"	9.3 + (.11 x BF)	1
H15M25B__	19-1/2" - 31"	22-3/8" to 33-7/8"	21-1/8" to 32-5/8"	22-1/4" to 33-3/4"	12 + (.11 x BF)	1
H15M37B__	31" - 43"	33-7/8" to 45-7/8"	32-5/8" to 44-5/8"	33-3/4" to 45-3/4"	14.9 + (.11 x BF)	1
H15M49B__	43" - 55"	45-7/8" to 57-7/8"	44-5/8" to 56-5/8"	45-3/4" to 57-3/4"	18.5 + (.23 x BF)	2
H15M61B__	55" - 67"	57-7/8" to 69-7/8"	56-5/8" to 68-5/8"	57-3/4" to 69-3/4"	21.4 + (.23 x BF)	2
H15M73B__	67" - 79"	67-7/8" to 81-7/8"	68-5/8" to 80-5/8"	69-3/4" to 81-3/4"	24.6 + (.34 x BF)	3
H15M94B__	79" - 109"	81-7/8" to 111-7/8"	80-5/8" to 110-5/8"	81-3/4" to 111-3/4"	34.1 + (.34 x BF)	3

Part Number	Height Range Top of Stand	Top of Roller CG	Top of Roller KA, K, KG, DG, KD	Top of Roller U	Wt. (Lbs.)	No. Crossbraces
H15M13B__	11-1/2" - 15-3/8"	15-1/16" to 18-15/16"	15-5/16" to 19-3/16"	15-5/8" to 19-1/2"	8.2 + (.11 x BF)	1
H15M17B__	13-3/4" - 19-5/8"	17-5/16" to 23-3/16"	17-9/16" to 23-7/16"	17-7/8" to 23-3/4"	9.3 + (.11 x BF)	1
H15M25B__	19-1/2" - 31"	23-1/8" to 34-1/2"	23-3/8" to 34-3/4"	23-5/8" to 35-1/8"	12 + (.11 x BF)	1
H15M37B__	31" - 43"	34-1/2" to 46-1/2"	34-3/4" to 46-3/4"	35-1/8" to 47-1/8"	14.9 + (.11 x BF)	1
H15M49B__	43" - 55"	46-1/2" to 58-1/2"	46-3/4" to 58-3/4"	47-1/8" to 59-1/8"	18.5 + (.23 x BF)	2
H15M61B__	55" - 67"	58-9/16" to 70-9/16"	58-13/16" to 70-13/16"	59-1/8" to 71-1/8"	21.4 + (.23 x BF)	2
H15M73B__	67" - 79"	70-9/16" to 82-9/16"	70-13/16" to 82-13/16"	71-1/8" to 83-1/8"	24.6 + (.34 x BF)	3
H15M94B__	79" - 109"	82-9/16" to 112-9/16"	82-13/16" to 112-13/16"	83-1/8" to 113-1/8"	34.1 + (.34 x BF)	3

Replace "__" in Part Number with BF

Single Leg	
Part Number	Wt. (Lbs.)
H15M13	4
H15M17	4.5
H15M25	5.8
H15M37	7.2
H15M49	8.6
H15M61	10.5
H15M73	12
H15M94	17



SUPPORTS

Medium Duty H-Stand - Model BH30

The 3BH30 3000 lb. capacity H-Stand support may be used with gravity skatewheel, gravity roller conveyor (2-1/2" and 3-1/2" frames), and power belt conveyor while the 4BH30 may be used with gravity roller conveyor (4" frames). The H-Stand is used for permanent, as opposed to portable, conveyor installations. Single legs are available for curves.



Construction:

Legs: 11 ga. steel

Pivot Brackets: 3BH 12 ga. steel, 4BH 10 ga. steel

Crossbraces: 2-1/2" x 1" x 12 ga. steel channel

Floor Pad: 3/16" steel

Widths: Standard BF's include: 7" to 51", other BF's available

Capacity: 3,000 Lbs.

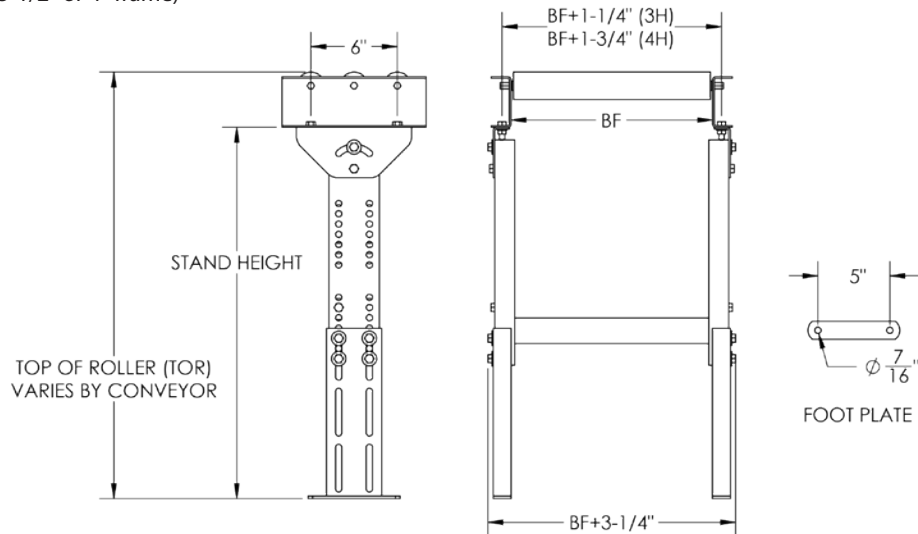
Packaging: Shipped unassembled

Part Number	Height Range Top of Stand	Top of Roller K, KA, KG, DG, KD	Top of Roller U	Top of Roller S, SG, T	Wt. (Lbs.)	No. Cbraces
_BH30M08PR	6-5/16" to 9-3/4"	10-1/8" to 13-9/16"	10-7/16" to 13-7/8"	10-9/16" to 14"	8.6	na
BH30M11B	9-3/4" to 12-1/4"	13-9/16" to 16-1/16"	13-7/8" to 16-3/8"	14" to 16-1/2"	10.1 + (.11 x BF)	1
BH30M15B	12-1/4" to 17-1/8"	16-1/16" to 20-15/16"	16-3/8" to 21-1/4"	16-1/2" to 21-3/8"	11.9 + (.11 x BF)	1
BH30M21B	17-1/8" to 25-3/4"	20-15/16" to 29-9/16"	21-1/4" to 29-7/8"	21-3/8" to 30"	15.1 + (.11 x BF)	1
BH30M31B	25-1/4" to 37-1/4"	29-1/16" to 41-1/16"	29-3/8" to 41-3/8"	29-1/2" to 41-1/2"	20.2 + (.23 x BF)	2
BH30M43B	37-1/4" to 49-1/4"	41-1/16" to 53-1/16"	41-3/8" to 53-3/8"	41-1/2" to 53-1/2"	25 + (.23 x BF)	2
BH30M55B	49-1/4" to 61-1/4"	53-1/16" to 65-1/16"	53-3/8" to 65-3/8"	53-1/2" to 65-1/2"	31.2 + (.34 x BF)	3
BH30M67B	61-1/4" to 73-1/4"	65-1/16" to 77-1/16"	65-3/8" to 77-3/8"	65-1/2" to 77-1/2"	36 + (.34 x BF)	3
BH30M79B	73-1/4" to 85-1/4"	77-1/16" to 89-1/16"	77-3/8" to 89-3/8"	77-1/2" to 89-1/2"	40.8 + (.34 x BF)	3
BH30M91B	85-1/4" to 97-1/4"	89-1/16" to 101-1/16"	89-3/8" to 101-3/8"	89-1/2" to 101-1/2"	45.9 + (.45 x BF)	4
BH30M103B	97-1/4" to 109-1/4"	101-1/16" to 113-1/16"	101-3/8" to 113-3/8"	101-1/2" to 113-1/2"	50.7 + (.45 x BF)	4
BH30M115B	109-1/4" to 121-1/4"	113-1/16" to 125-1/16"	113-3/8" to 125-3/8"	113-1/2" to 125-1/2"	55.5 + (.45 x BF)	4
BH30M127B	121-1/4" to 133-1/4"	125-1/16" to 137-1/16"	125-3/8" to 137-3/8"	125-1/2" to 137-1/2"	60.6 + (.57 x BF)	5
BH30M139B	133-1/4" to 145-1/4"	137-1/16" to 149-1/16"	137-3/8" to 149-3/8"	137-1/2" to 149-1/2"	65.4 + (.57 x BF)	5
BH30M151B	145-1/4" to 157-1/4"	149-1/16" to 161-1/16"	149-3/8" to 161-3/8"	149-1/2" to 161-1/2"	70.2 + (.57 x BF)	5

Replace "_" in Part Number with 3 or 4 (3-1/2" or 4" frame)

Replace " _ " in Part Number with BF

Single Leg	
Part Number	Wt. (Lbs.)
_BH30M08	4.9
_BH30M11	5.5
_BH30M15	6.4
_BH30M21	8
_BH30M31	10.4
_BH30M43	12.8
_BH30M55	16.4
_BH30M67	18.8



Medium Duty H-Stand - Model BH30 Castered

The BH30 castered support has a 2000 lb. capacity and uses 5" diameter swivel wheels (details page 69) with side-lock brakes. These supports may be used with gravity skatewheel, gravity roller conveyor having 2-1/2" and 3-1/2" frames and powered belt conveyors. Castered supports make conveyor sections portable on smooth floor surfaces and should not be used on uneven surfaces and floors with items that could block wheels and cause conveyor to tip. 9 BF minimum due to casters.

Knee braces (page 69) are recommended and sold separately



Construction:

Upper Legs: 11 ga. steel

Lower Legs: 11 ga. steel

Pivot Brackets: 3BH 12 ga. steel, 4BH 10 ga. steel

Crossbraces: 2-1/2" x 1" x 12 ga. steel channel

Floor Pad: 3/16" steel

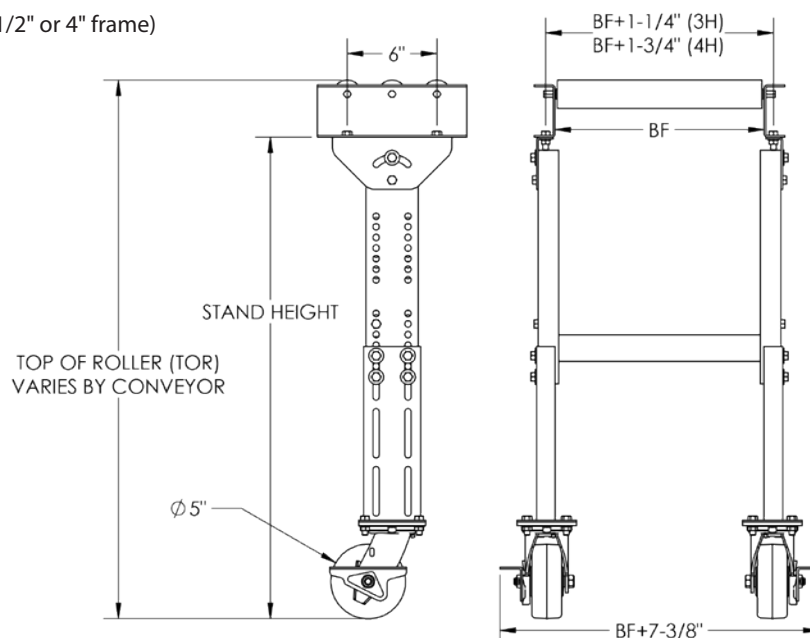
Capacity: 2,000 Lbs.

Packaging: Shipped unassembled

Part Number	Height Range Top of Stand	Top of Roller K, KA, KG, DG, KD	Top of Roller U	Top of Roller S, SG, T	Wt. (Lbs.)	No. Cbraces
_BH30M14-1/2PR CS5SL	12-13/16" to 16-1/4"	16-5/8" to 20-1/16"	16-15/16" to 20-3/8"	17-1/16" to 20-1/2"	21	na
_BH30M17-1/2B__ CS5SL	16-1/4" to 18-3/4"	20-1/16" to 22-9/16"	20-3/8" to 22-7/8"	20-1/2" to 23"	22 + (.11 x BF)	1
_BH30M21-1/2B__ CS5SL	18-3/4" to 23-5/8"	22-9/16" to 27-7/16"	22-7/8" to 27-3/4"	23" to 27-7/8"	24 + (.11 x BF)	1
_BH30M27-1/2B__ CS5SL	23-5/8" to 32-1/4"	27-7/16" to 36-1/16"	27-3/4" to 36-3/8"	27-7/8" to 36-1/2"	27 + (.11 x BF)	1
_BH30M37-1/2B__ CS5SL	31-3/4" to 43-3/4"	35-9/16" to 47-9/16"	35-7/8" to 47-7/8"	36" to 48"	32 + (.23 x BF)	2
_BH30M49-1/2B__ CS5SL	43-3/4" to 55-3/4"	47-9/16" to 59-9/16"	47-7/8" to 59-7/8"	48" to 60"	37 + (.23 x BF)	2
_BH30M61-1/2B__ CS5SL	55-3/4" to 67-3/4"	59-9/16" to 71-9/16"	59-7/8" to 71-7/8"	60" to 72"	43 + (.34 x BF)	3

Replace "_" in Part Number with 3 or 4 (3-1/2" or 4" frame)

Replace "__" in Part Number with BF



SUPPORTS

Heavy Duty H-Stand - Model H50

The H50 5000 lb. capacity H-Stand support may be used with gravity roller conveyor (4" frames). The h-stand is used for permanent, as opposed to portable, conveyor installations. Single legs are available for curves if desired.

Construction:

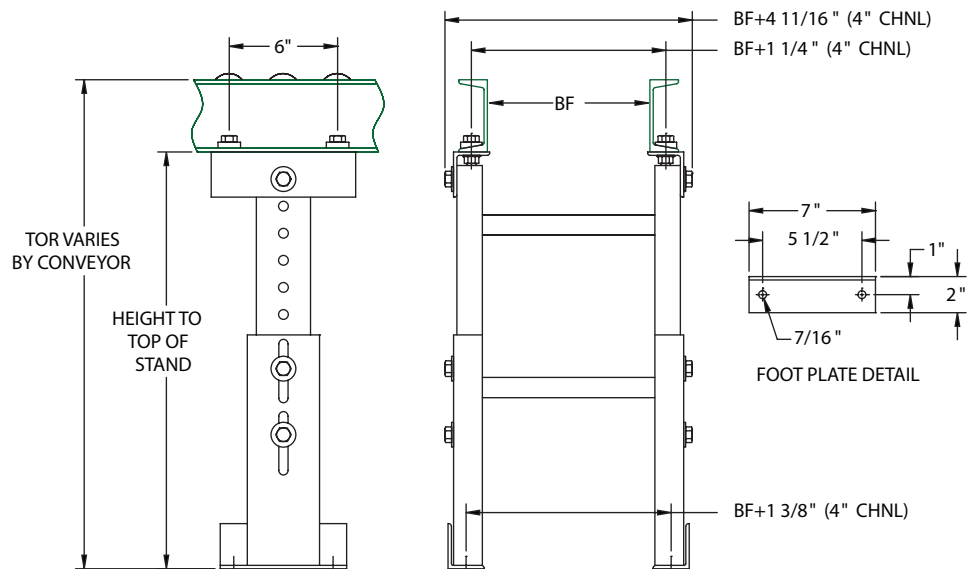
- Upper Legs:** 3" x 4.1 Lb. structural steel
- Lower Legs:** 4" x 5.4 Lb. structural steel
- Pivot Brackets:** 3/16" x 2" x 2" steel angle
- Crossbraces:** 1-1/2" x 1-1/2" x 3/16" steel angle
- Floor Pad:** 2" x 2" x 3/16" steel angle
- Capacity:** 5,000 Lbs.
- Packaging:** Shipped unassembled, factory assembly additional charge



Part Number	Height Range Top of Stand	Top of Roller S, SG, T	Wt. (Lbs.)	No. Crossbraces
H50M08B __	7-1/4" - 8-5/8"	11-1/2" to 12-7/8"	20 + (.2 x BF)	1
H50M10B __	8-1/4"-11"	12-3/4" to 15-1/4"	21 + (.2 x BF)	1
H50M12B __	9-7/8" - 14"	14-3/8" to 18-1/4"	23 + (.2 x BF)	1
H50M15B __	12" - 17-3/4"	16-1/4" to 22-1/4"	28 + (.3 x BF)	2
H50M22B __	17" - 27-1/4"	21-1/4" to 31-1/2"	35 + (.3 x BF)	2
H50M33B __	25" - 41-1/2"	29-1/4" to 45-3/4"	47 + (.3 x BF)	2
H50M51B __	38-1/2" - 64"	42-3/4" to 68-1/4"	60 + (.5 x BF)	3

Replace "__" in Part Number with BF

Single Legs	
Part Number	Wt. (Lbs.)
H50M10B	10
H50M12B	11
H50M15B	13
H50M22B	17
H50M33B	23
H50M51B	30



Multitier - Model HMT

Multitier supports provide support for multi-level conveyor runs. Multitier supports may be used with all gravity skatewheel and gravity roller conveyor. Kneebraces are included to provide extra stability. Assembly required. Additional tiers available.

Construction:

Legs: 1-1/2" x 4" x 7 ga. steel channel

Crosspipe: 1" inside dia., schedule 40

Hat Bracket: 7 ga. steel

Tiers: (2) tiers included

Kneebraces: (1) pair of kneebraces included

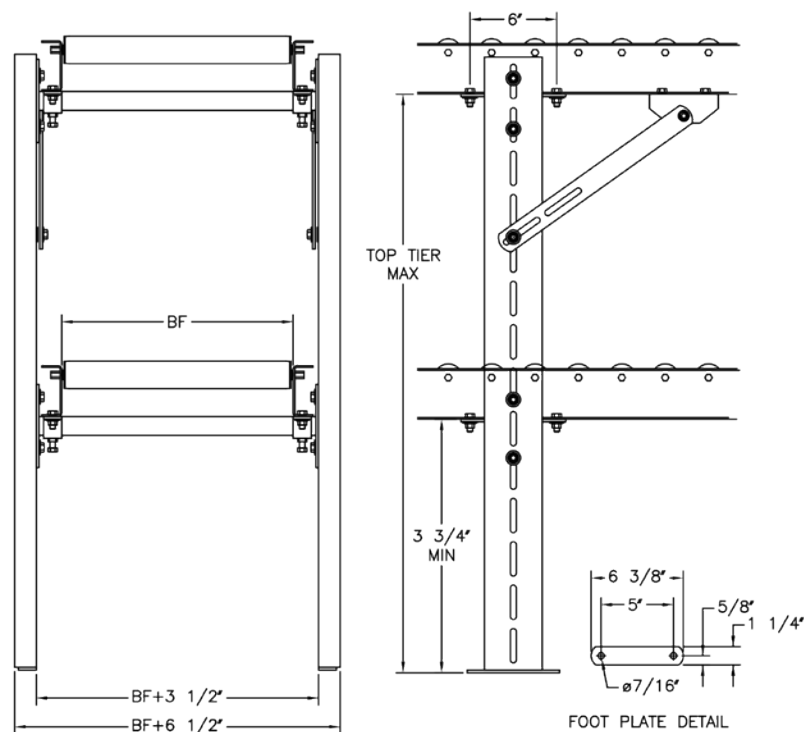
Capacity: 1, 250 Lbs. per tier

2, 500 Lbs. per stand



Part Number	Top of Tier Max	Wt. (Lbs.)
HMT22B_ _	22"	30 + (BF x .3)
HMT34B_ _	34"	38 + (BF x .3)
HMT46B_ _	46"	46 + (BF x .3)
HMT58B_ _	58"	54 + (BF x .3)
HMT70B_ _	70"	62 + (BF x .3)
HMT82B_ _	82"	70 + (BF x .3)
HMT94B_ _	94"	78 + (BF x .3)
HMT106B_ _	106"	86 + (BF x .3)
HMTB_ _	Additional Tier	6 + (BF x .2)

Replace " _ " in Part Number with BF



SUPPORTS

Medium Duty Low Profile Support - Model LP25

Construction:

Legs: 11 ga. steel

Pivot Brackets: 1" to 3.4" Mean Heights -- 3/16" x 2" x 2" angle
4.7" to 6" Mean Heights -- 12 ga. steel

Crossbraces: None

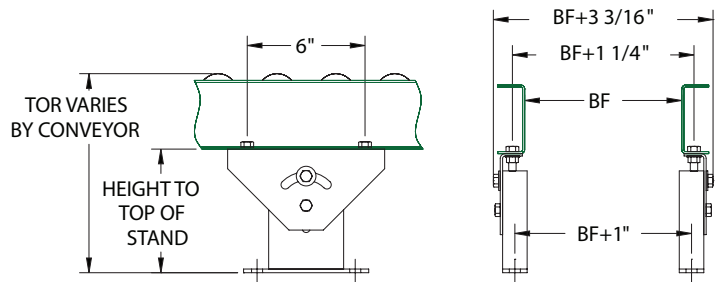
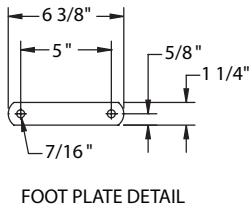
Floor Pad: 3/16" steel

Capacity: 2, 500 Lbs./Pair

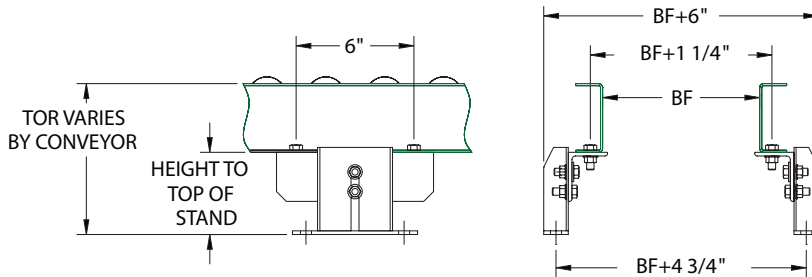
All stands shipped as pairs.



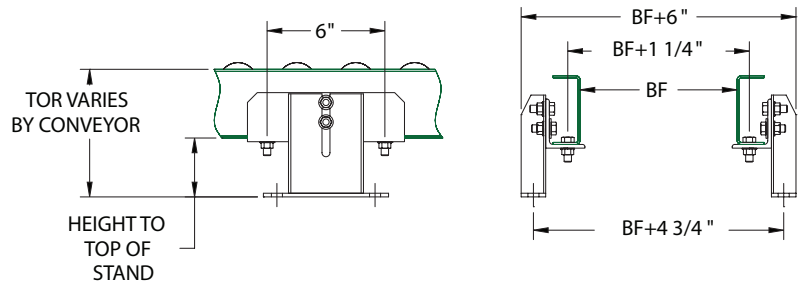
Part Number	Mean Height	Height Range Top of Stand	Wt. (Lbs.)
LP25M01	1"	5/8" - 1-3/8"	7.11
LP25M02	2"	1-7/16" - 3"	7.33
LP25M3.4	3.4"	2-11/16" - 4-3/16"	7.11
LP25M4.7	4.7"	4-3/8" - 5"	5.25
LP25M05	5"	4-11/16" - 5-9/16"	5.44
LP25M06	6"	5-9/16" - 6-5/16"	5.66



4.7" - 6" Mean Heights



3.4" Mean Heights



1" - 2" Mean Heights

Kneebraces provide added structural support between the conveyor and floor support. Recommended for use with nose-over units, supports with casters, or free standing conveyors.

Construction:

Kneebrace: 1-1/2" x 3/16" painted steel

Bracket: 1-1/2" x 1-1/2" x 1/8" steel angle



Part Number	Length	Applications	Wt. (Lbs.)
KB16	16"	2-1/2" & 3-1/2" Frames	4
KB25	25"	Powered Conveyors	5.5
KB16H50*	16"	H50 5000# Supports	4

* For H50-5000Lb. supports

Use KB25 for Nose Over applications

Above includes 2 sets of kneebraces, brackets, & fasteners

Some field drilling may be needed

Casters

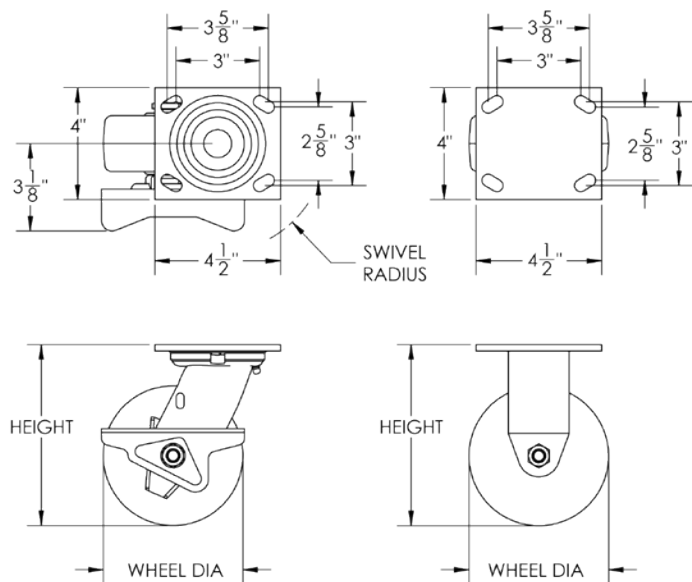
Construction:

Casters are available in 5" and 8" diameter in either swivel or rigid style. **Casters will not mount to standard supports.** Support requires a caster base plate. The swivel has sidelocks. **Capacity:** 1,000 Lbs.



Swivel Caster

Rigid Caster



Part Number	Wheel Dia.	Height	Style	Swivel Radius	Wt. (Lbs.)
CS5SL	5"	6-1/2"	Swivel	3-7/8"	5.8
CR5	5"	6-1/2"	Rigid	NA	4.4
CS8SL	8"	9-1/2"	Swivel	6-1/8"	9.4
CR8	8"	9-1/2"	Rigid	NA	8.2

SUPPORTS

Ceiling Hanger - Model CH

Ceiling hangers provide a safe means of providing higher elevation than floor supports. Also floor space can more readily be utilized. Ceiling hangers may be used with all conveyors. Conveyor guarding is recommend for overhead applications.



Construction:

Crosspipe: 1" IPS schedule 40

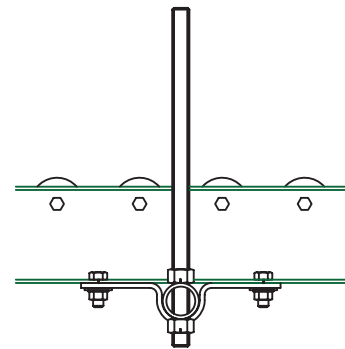
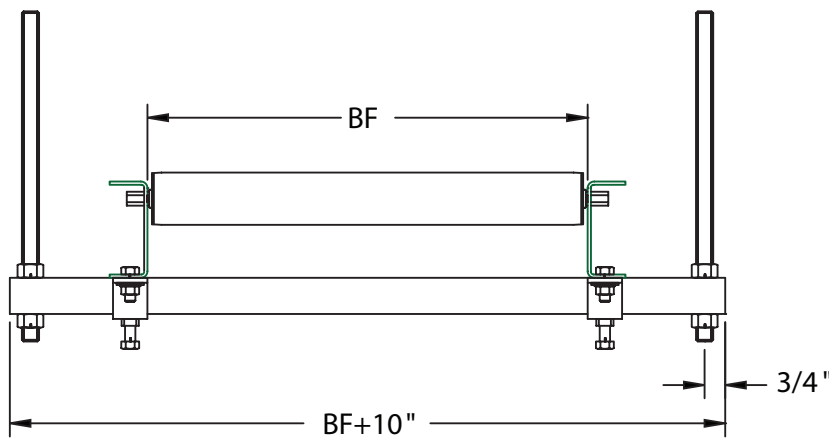
Hat Bracket: 7 ga. steel

Hanger Rods: 5/8 all thread, 8' long

Capacity: 1, 250 Lbs.

PartNumber	Wt. (Lbs.)
CHB__	20 + (BF x .15)

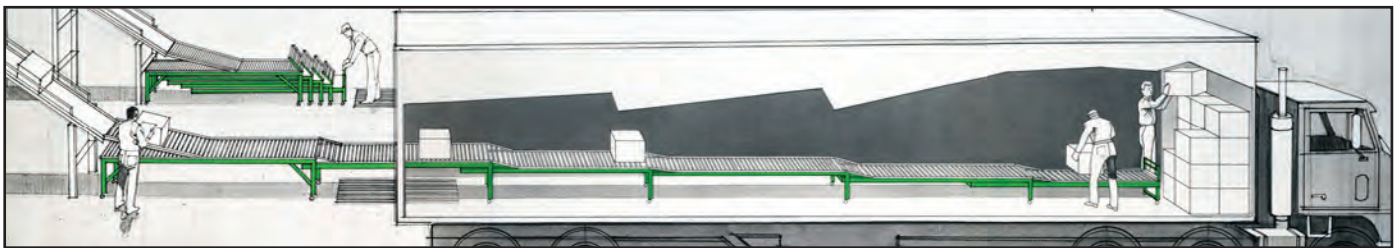
Replace "__" in Part Number with BF.



Note: For power conveyor applications add Spacer Kit part number 44632

Ashland's Telescoping Conveyor is a durable, low maintenance product designed to reduce the time and effort required to hand load and unload trailers. Unlike "expanding" conveyors, the centerline distance between rollers remains unchanged at any extension. Also, each section is individually replaceable.

There are two basic models in three widths and five lengths with a range of elevations and slopes. You may also choose between roller or skatewheel conveyor.



Ease of operation is one of the reasons warehouse managers prefer Ashland Telescoping Conveyors. Our unique design suspends the lower sections by ball bearings which glide inside the side channels of the section above.

The Legs are equipped with 5" diameter swivel casters. Casters with a diameter of 8" are standard on 6 section telescopes and available as an option on others. Ashland Telescoping Conveyors extend so easily that a 5 section unit with 3" slope per 10' will extend itself on a smooth floor.

The package stop also serves as a handle to extend and retract the conveyor.

Durability is another reason our product is preferred. The main frame stringers are formed from 7 ga. steel plate. All other formed parts are either 10 ga. or structural steel. The legs are secured in place with 1/2" heat treated bolts. Our customers have testified that units have fallen from the dock and were put back into service without any repair. Durability and weight are synonymous in telescoping conveyors. Compare the weight of our product with other brands.

To specify a telescoping conveyor you will need to know the following:

1. Overall length or number of 10' sections
2. High end (upper) elevation
3. Required slope or low elevation
4. Overall width
5. Model (skatewheel or roller)
6. 5" or 8" diameter casters

The elevation/slope tables will aid in the selection process. Please note the slope must be a whole number (1" through 6" per a 10' section).

The slope may vary from section to section; however, the slope must be constant or increase as you descend through the sections. **The slope cannot decrease.**

Telescopes ship fully assembled less the attachment of the transition sections and the safety stop bracket.

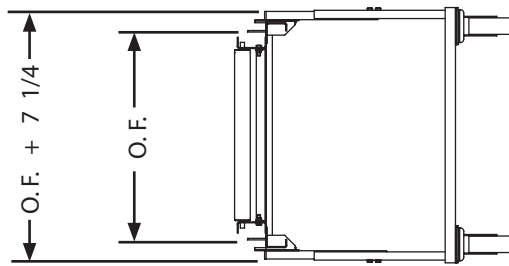
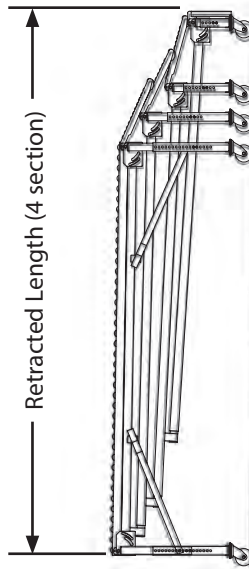
Telescopes must be shipped via dedicated carrier, secured to trailer.

TELESCOPING CONVEYOR

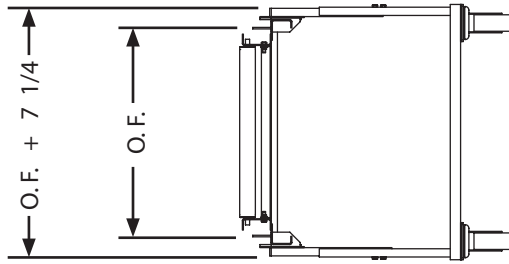
General Information

Extended/Retracted Lengths

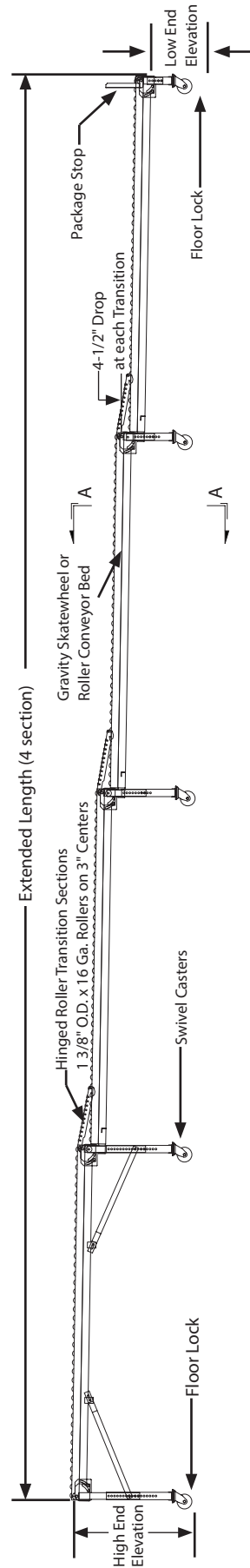
Number of Sections	2	3	4	5	6
Extended Length	20'	30'	40'	50'	60'
Retracted Length	12' 8"	13' 4"	14'	14' 8"	14' 8"
5" diameter	12' 8"	13' 7"	14' 6"	15' 5"	16' 4"
8" diameter					NA



Section A-A
Skatewheel Conveyor



Section A-A
Roller Conveyor



Model 4B
2" Slope/10'

Elevation/Slope Tables

2 Section Units			
Slope Inches/10' Section	Model	Elevation	
		High End	Low End
1	T2A5	36"	29-1/2"
1		42"	35-1/2"
2		37"	28-1/2"
2		44"	35-1/2"
3		39"	28-1/2"
3		45"	34-1/2"
4	T2B5	51"	38-1/2"
4		57"	44-1/2"
5		52"	37-1/2"
5		59"	44-1/2"
6		53"	36-1/2"
6		62"	45-1/2"

3 Section Units			
Slope Inches/10' Section	Model	Elevation	
		High End	Low End
1	T3A5	36"	24"
1		40"	28"
2		37"	22"
2		43"	28"
3		40"	22"
3		46"	28"
4	T3B5	49"	28"
4		55"	34"
5		52"	28"
5		58"	34"
6		55"	28"
6		61"	34"

4 Section Units			
Slope Inches/10' Section	Model	Elevation	
		High End	Low End
1	T4A5	36"	18-1/2"
1		38"	20-1/2"
2		39"	17-1/2"
2		42"	20-1/2"
3		43"	17-1/2"
3		46"	20-1/2"
4	T4B5	51"	21-1/2"
4		55"	25-1/2"
5		56"	22-1/2"
5		58"	24-1/2"
6		61"	23-1/2"

5 Section Units			
Slope Inches/10' Section	Model	Elevation	
		High End	Low End
0	T5A5	41-1/2"	23-1/2"
1		42-1/2"	19-1/2"
2		42-1/2"	14-1/2" *
3		53-1/2"	20-1/2"
4	T5B5	55"	17"
5		58"	15" *
6		63"	15" *
1	T5C5	38"	15" *
2		43"	15" *
3		48"	15" *
1	T5D5	47"	24"
1		51"	28"
2		50"	22"
2		56"	28"
3		55"	22"
3		59"	26"

6 Section Units			
Slope Inches/10' Section	Model	Elevation	
		High End	Low End
0	T6A8	47"	24-1/2"
1		52"	23-1/2"
2		58"	23-1/2" *
3		63"	22-1/2"
4		67"	20-1/2"
2	T6B8	53"	18" *
3		59"	18" *
4		65"	18" *

- * Elevations not adjustable
- The Number in the model following the letter "T" refers to the number of sections. The next number refers to model A, B, C, or D which determines high and low elevations. The last number refers to the caster diameter.
- Substituting 8" for 5" casters adds 3" to all heights except 6 section units.
- Six section units are **only available with 8" diameter casters.**

Telescoping Conveyor

TELESCOPING CONVEYOR

Skatewheel on All Sections

The all-skatewheel style is best suited to handle products that weigh an average of 10 lbs or less. A slope of 3" - 6" per 10' should be adequate for proper flow.

Options:

1. 8" diameter casters for uneven floor/dock situations; adds 3" to all heights.
2. Transition rollers on 1-1/2" centers
3. Contact a representative for information concerning transition herringbone sections that help center packages.

Construction:

All Sections: 2-1/2" x 1" x 12 ga. galvanized steel frames with 1-15/16" diameter skatewheels.

Main Frame: 10 ga. formed steel channel

Transition Sections: 1-3/8" x 18 ga. galvanized steel rollers; 3" centers.

Casters: 5" diameter swivel standard up to 5 section units; 8" diameter on 6 section units.

Floor Locks: Foot activated standard on each end.

Capacity: 140 Lbs. per foot.

Part Number	Number of 10' Sections	Slope Per 10' Section	Wheels Per Ft.	"OF"	Wt. (Lbs.)
T2A518x16TL	2	1" - 3"	16	18"	384
T2B518x16TL	2	4" - 6"	16	18"	384
T3A518x16TL	3	1" - 3"	16	18"	626
T3B518x16TL	3	4" - 6"	16	18"	626
T4A518x16TL	4	1" - 3"	16	18"	868
T4B518x16TL	4	4" - 6"	16	18"	868
T5A518x16TL	5	0" - 3"	16	18"	1,210
T5B518x16TL	5	4" - 6"	16	18"	1,210
T5C518x16TL	5	1" - 3"	16	18"	1,210
T5D518x16TL	5	1" - 3"	16	18"	1,210
T6A818x16TL	6	0" - 4"	16	18"	1,592
T6B818x16TL	6	2" - 4"	16	18"	1,592

T2A524x20TL	2	1" - 3"	20	24"	510
T2B524x20TL	2	4" - 6"	20	24"	510
T3A524x20TL	3	1" - 3"	20	24"	765
T3B524x20TL	3	4" - 6"	20	24"	765
T4A524x20TL	4	1" - 3"	20	24"	1,020
T4B524x20TL	4	4" - 6"	20	24"	1,020
T5A524x20TL	5	0" - 3"	20	24"	1,275
T5B524x20TL	5	4" - 6"	20	24"	1,275
T5C524x20TL	5	1" - 3"	20	24"	1,275
T5D524x20TL	5	1" - 3"	20	24"	1,275
T6A824x20TL	6	0" - 4"	20	24"	1,670
T6B824x20TL	6	2" - 4"	20	24"	1,670

TELESCOPING CONVEYOR

1-3/8 x 16 Ga. On All Sections

This unit is best utilized for hand loading of products. A slope of 2" - 4" per 10' should be adequate for proper flow of product over 40 pounds; and 4" - 6" per 10' for 5 - 40 pound product. The rollers at close centers in the top section provide a smooth transition between existing systems and the telescope conveyor.

Part Number	Number of 10' Sections	Slope Per 10' Section	"OF"	Wt. (Lbs.)
T2A51814TL EFG	2	1" - 3"	18"	690
T2B51814TL EFG	2	4" - 6"	18"	690
T3A51814TL EFG	3	1" - 3"	18"	1,044
T3B51814TL EFG	3	4" - 6"	18"	1,044
T4A51814TL EFG	4	1" - 3"	18"	1,392
T4B51814TL EFG	4	4" - 6"	18"	1,392
T5A51814TL EFG	5	0" - 3"	18"	1,740
T5B51814TL EFG	5	4" - 6"	18"	1,740
T5C51814TL EFG	5	1" - 3"	18"	1,740
T5D51814TL EFG	5	1" - 3"	18"	1,740
T6A81814TL EFG	6	0" - 4"	18"	2,090
T6B81814TL EFG	6	2" - 4"	18"	2,090

T2A52414TL EFG	2	1" - 3"	24"	802
T2B52414TL EFG	2	4" - 6"	24"	802
T3A52414TL EFG	3	1" - 3"	24"	1,200
T3B52414TL EFG	3	4" - 6"	24"	1,200
T4A52414TL EFG	4	1" - 3"	24"	1,604
T4B52414TL EFG	4	4" - 6"	24"	1,604
T5A52414TL EFG	5	0" - 3"	24"	2,005
T5B52414TL EFG	5	4" - 6"	24"	2,005
T5C52414TL EFG	5	1" - 3"	24"	2,005
T5D52414TL EFG	5	1" - 3"	24"	2,005
T6A82414TL EFG	6	0" - 4"	24"	2,405
T6B82414TL EFG	6	2" - 4"	24"	2,405

Part Number	Number of 10' Sections	Slope Per 10' Section	"OF"	Wt. (Lbs.)
T2A53214TL EFG	2	1" - 3"	32"	845
T2B53214TL EFG	2	4" - 6"	32"	845
T3A53214TL EFG	3	1" - 3"	32"	1,243
T3B53214TL EFG	3	4" - 6"	32"	1,243
T4A53214TL EFG	4	1" - 3"	32"	1,660
T4B53214TL EFG	4	4" - 6"	32"	1,660
T5A53214TL EFG	5	0" - 3"	32"	2,065
T5B53214TL EFG	5	4" - 6"	32"	2,065
T5C53214TL EFG	5	1" - 3"	32"	2,065
T5D53214TL EFG	5	1" - 3"	32"	2,065
T6A83214TL EFG	6	0" - 4"	32"	2,495
T6B83214TL EFG	6	2" - 4"	32"	2,495

Construction:

All Sections: 2-1/2" x 1" x 12 ga. galvanized steel frames with 1-3/8" x 18 ga. galvanized steel rollers on 1-1/2" centers

Main Frame: 10 ga. formed steel channel

Transition Sections: 1-3/8" x 18 ga. galvanized steel rollers; 1-1/2" centers.

Casters: 5" diameter swivel standard up to 5 section units; 8" diameter on 6 section units.

Floor Locks: Foot activated standard on each end.

Capacity: 140 Lbs. per foot.

Options:

1. 8" diameter casters for uneven floor/dock situations; adds 3" to all heights.
2. Contact a representative for information concerning transition herringbone sections that help center packages.

BALL TRANSFER

Ball Transfer Tables

Ball transfer units are used where product must change direction or at an intersection of two conveyors. Table assemblies are designed to match-up with 1.9" diameter roller conveyor frames. For existing conveyors, the drop-in insert plate design allows for the removal of rollers and ball assembly insert plates to be "dropped-in" and bolted, applies to 1.9" & 1-3/8" roller conveyors. **Stands not included with ball table assemblies.**

Construction:

Ball Assemblies: 1" diameter steel ball with a 1-3/4" diameter steel housing, 1/4-20 center post mount.

Frame: 3-1/2" x 1-3/8" x 11 ga. painted steel channel with butt plates.

Insert Plates: 6" x 1" x 12 ga. galvanized channel; bolts into side frames; ball holes punched on 1" centers.

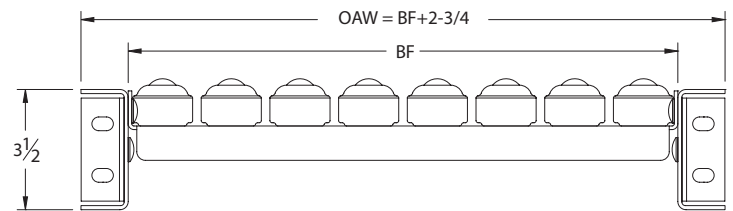
Widths: Standard BF's include 10", 16", 22" & 36".

Capacity: Maximum distributed live Load:

Frame 120 Lbs./Ft. on 10' support centers
 600 Lbs./Ft. on 5' support centers (except 36" BF)
 500 Lbs./Ft. on 5' support centers for 36" BF

Ball Assembly 75 Lbs. each

Note: Welded construction tables available in different widths and lengths.



Part Number	BF	Ball Centers	Wt. (Lbs./Ft.)
BTIT10__2	10"	2"	23
BTIT10__3	10"	3"	16
BTIT10__4	10"	4"	15
BTIT13__2	13"	2"	27
BTIT13__3	13"	3"	19
BTIT13__4	13"	4"	17
BTIT16__2	16"	2"	33
BTIT16__3	16"	3"	22
BTIT16__4	16"	4"	18
BTIT16__6	16"	6"	16
BTIT22__2	22"	2"	43
BTIT22__3	22"	3"	27
BTIT22__4	22"	4"	23
BTIT22__6	22"	6"	19
BTIT27__2	27"	2"	50
BTIT27__3	27"	3"	33
BTIT27__4	27"	4"	27
BTIT27__6	27"	6"	22
BTIT36__2	36"	2"	65
BTIT36__3	36"	3"	41
BTIT36__4	36"	4"	33
BTIT36__6	36"	6"	27

Table Capacity (evenly distributed load)
Pounds/Foot

Support Centers	10BF	13BF	16BF	22BF	27BF	36BF
10'	120	120	120	120	120	120
5'	600	600	600	500	350	250

Replace "___" in Part Number with length in 6" increments up to 10' (1' = 010; 1'-6" = 015)

Ball Transfer Inserts

For existing conveyors, the drop-in insert plate design allows for the removal of rollers and ball assembly insert plates to be "dropped-in" and bolted, applies to 1.9" & 1-3/8" roller conveyors.

Construction:

Ball Assemblies: 1" diameter steel ball with a 1-3/4" diameter steel housing, 1/4-20 center post mount.

Insert Plates: 6" x 1" x 12 ga. galvanized channel; bolts into side frames; ball holes punched on 1" centers.

Capacity: Ball assembly 75 Lbs. each

Part Number	BF	Ball Centers	Wt. (Lbs.)
BTI102	10"	2"	8.4
BTI103	10"	3"	4.8
BTI104 1ROW	10"	4"	3.6
BT104 2ROW	10"	4"	4.8

Part Number	BF	Ball Centers	Wt. (Lbs.)
BTI132	13"	2"	10.2
BTI133	13"	3"	6.2
BTI134 1ROW	13"	4"	4.6
BTI134 2ROW	13"	4"	6.2

Part Number	BF	Ball Centers	Wt. (Lbs.)
BTI162	16"	2"	13.3
BTI163	16"	3"	7.7
BTI164 1ROW	16"	4"	5.3
BTI164 2ROW	16"	4"	6.9
BTI166	16"	6"	4.9

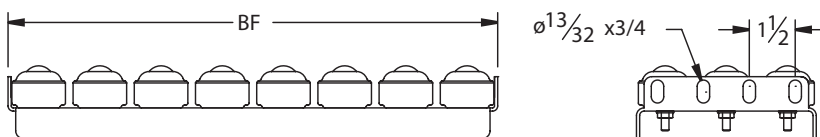
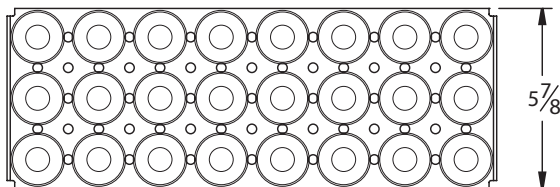
Part Number	BF	Ball Centers	Wt. (Lbs.)
BTI223	22"	2"	18.2
BTI223	22"	3"	10.6
BTI224 1ROW	22"	4"	7.4
BTI224 2ROW	22"	4"	9.8
BTI226	22"	6"	6.6

Part Number	BF	Ball Centers	Wt. (Lbs.)
BTI273	27"	2"	20.6
BTI273	27"	3"	12.2
BTI274 1ROW	27"	4"	7.4
BTI274 2ROW	27"	4"	10.6
BTI276	27"	6"	7.0

Part Number	BF	Ball Centers	Wt. (Lbs.)
BTI362	36"	2"	29.6
BTI363	36"	3"	17.6
BTI364 1ROW	36"	4"	11.6
BTI364 2ROW	36"	4"	15.2
BTI366	36"	6"	10.4

Insert Capacity (pounds - evenly distributed load)
(does not include ball capacity)

10BF	13BF	16BF	22BF	27BF	36BF
400	375	300	250	175	125



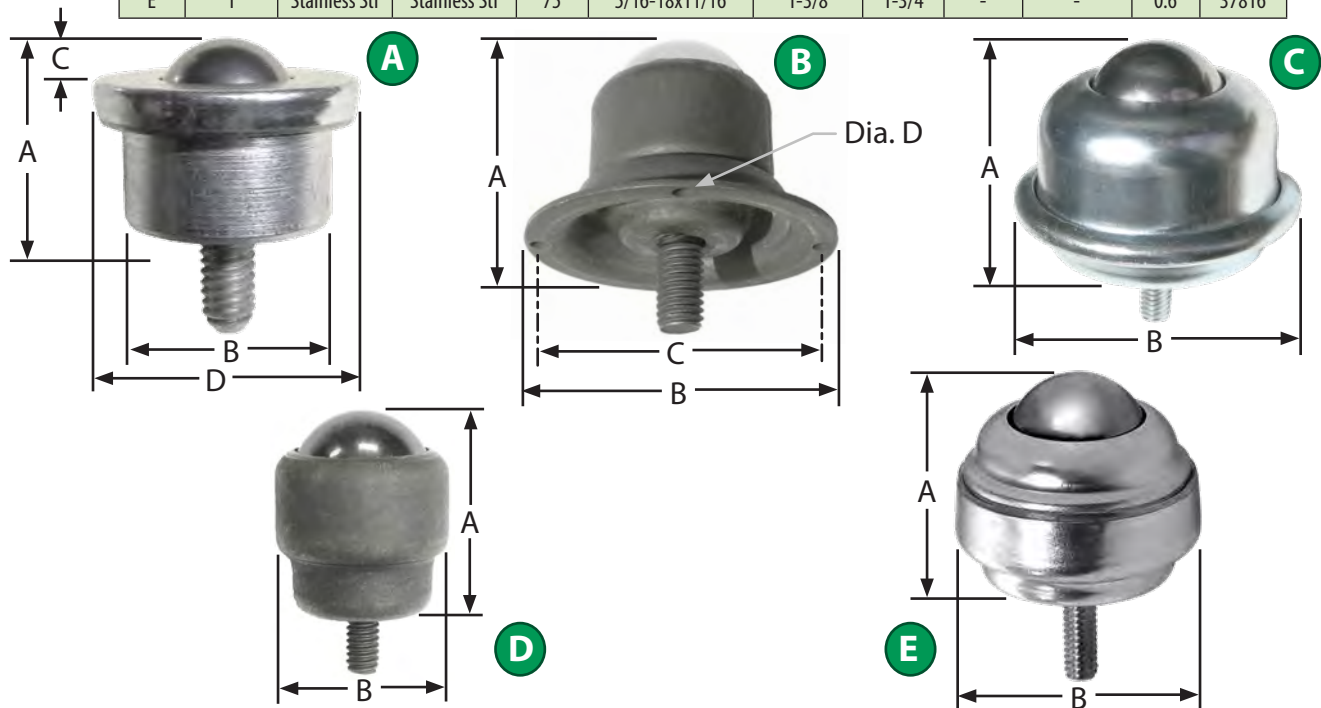
BALL TRANSFER

Ball Transfer Units

Ball transfers allow for change of direction and rotation. Ideal for free movement of tools, dies, fixtures, containers, and assemblies. Use where smooth-surfaced items must change direction such as the intersection of two conveyors. Applications include conveyor system ball transfer tables, turntables, sorting tables, cargo decks, feed tables for metal working, die and fixture handling and storage and assembly lines. All ball transfers are sealed and lubricated for long life (except nylon ball). Carbon steel components are zinc plated.

Threaded Stud Style Ball Transfer Units

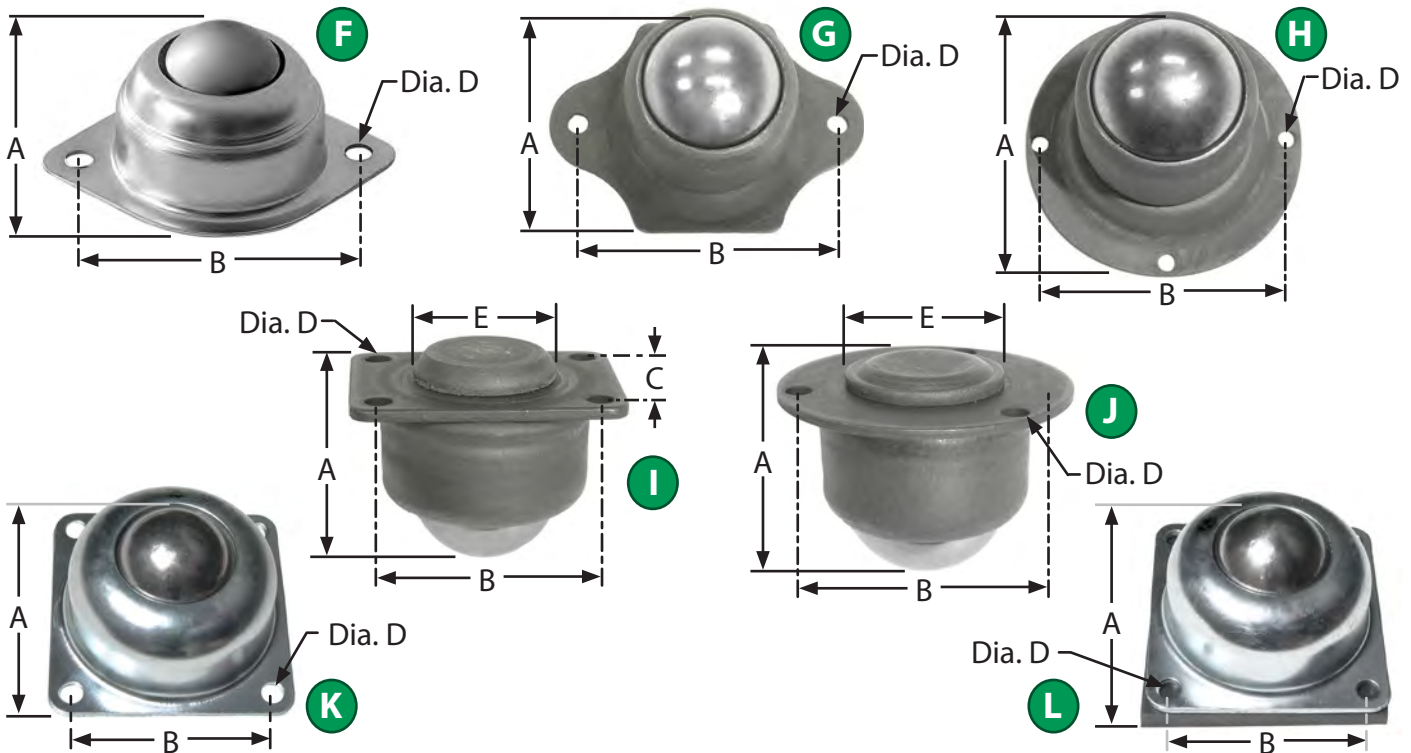
Key	Ball Dia. (In.)	Ball Material	Housing Material	Cap. (Lbs.)	Stud Size	A (In.)	B (In.)	C (In.)	D (In.)	Wt. (Lbs.)	Part No.
A	5/8	Nylon	Carbon Stl	17	1/4-20x1/2	13/16	15/16	5/32	1-3/16	0.3	37809
A	5/8	Carbon Stl	Carbon Stl	33	1/4-20x1/2	13/16	15/16	5/32	1-3/16	0.3	25906
A	1	Nylon	Carbon Stl	100	5/16-18x3/4	1-1/4	1-3/8	9/32	1-43/64	0.5	37810
A	1	Carbon Stl	Carbon Stl	200	5/16-18x3/4	1-1/4	1-3/8	9/32	1-43/64	0.7	25907
B	1	Carbon Stl	Carbon Stl	150	3/8-16x11/16	1-1/2	2-7/16	2-3/16	5/32	.4	48774
B	1-1/8	Carbon Stl	Carbon Stl	200	3/8-16x11/16	1-19/32	2-7/16	2-3/16	5/32	.5	48772
B	1-1/4	Carbon Stl	Carbon Stl	250	3/8-16x11/16	1-3/4	2-7/16	2-3/16	5/32	.6	48773
C	1-1/2	Nylon	Carbon Stl	125	3/8-16x1	2-5/16	3-1/4	-	-	1.6	39049
C	1-1/2	Carbon Stl	Carbon Stl	250	3/8-16x1	2-5/16	3-1/4	-	-	1.6	37817
C	1-1/2	Stainless Stl	Carbon Stl	250	3/8-16x1	2-5/16	3-1/4	-	-	1.6	39051
D	1	Carbon Stl	Carbon Stl	150	1/4-20x13/32	1-7/16	1-1/4	-	-	.3	48775
D	1	Carbon Stl	Carbon Stl	150	5/16-18x11/16	1-7/16	1-1/4	-	-	.3	48776
E	1	Nylon	Carbon Stl	35	1/4-20x11/16	1-3/8	1-3/4	-	-	0.5	24256
E	1	Nylon	Stainless Stl	35	1/4-20x11/16	1-3/8	1-3/4	-	-	0.5	37811
E	1	Carbon Stl	Carbon Stl	75	1/4-20x11/16	1-3/8	1-3/4	-	-	0.6	14038
E	1	Stainless Stl	Stainless Stl	75	1/4-20x11/16	1-3/8	1-3/4	-	-	0.6	25904
E	1	Nylon	Carbon Stl	35	5/16-18x11/16	1-3/8	1-3/4	-	-	0.5	37813
E	1	Carbon Stl	Carbon Stl	75	5/16-18x11/16	1-3/8	1-3/4	-	-	0.6	37812
E	1	Stainless Stl	Carbon Stl	75	5/16-18x11/16	1-3/8	1-3/4	-	-	0.6	37815
E	1	Stainless Stl	Stainless Stl	75	5/16-18x11/16	1-3/8	1-3/4	-	-	0.6	37816



Ball Transfer

Flange Style Ball Transfer Units

Key	Ball Dia. (In.)	Ball Material	Housing Material	Cap. (Lbs.)	Flange Size (In.)	Flange to Ball A (In.)	B (In.)	C (In.)	D (In.)	E (In.)	Wt. (Lbs.)	Part No.
F	1	Nylon	Carbon Stl	35	2x2-3/4	1-3/16	2-3/16	-	7/32	-	0.4	22279
F	1	Nylon	Stainless Stl	35	2x2-3/4	1-3/16	2-3/16	-	7/32	-	0.4	37820
F	1	Carbon Stl	Carbon Stl	75	2x2-3/4	1-3/16	2-3/16	-	7/32	-	0.5	14966
F	1	Stainless Stl	Carbon Stl	75	2x2-3/4	1-3/16	2-3/16	-	7/32	-	0.5	37819
F	1	Stainless Stl	Stainless Stl	75	2x2-3/4	1-3/16	2-3/16	-	7/32	-	0.5	25905
G	11/16	Carbon Stl	Carbon Stl	90	2-7/16x1-11/16	1	2	-	5/32	-	0.2	48767
G	1	Carbon Stl	Carbon Stl	135	2-7/16x1-11/16	1-9/32	2	-	5/32	-	0.3	48768
H	1	Carbon Stl	Carbon Stl	135	2-7/16 Dia	1-1/2	2-3/16	-	5/32	-	0.4	48771
H	1-1/8	Carbon Stl	Carbon Stl	180	2-7/16 dia	1-19/32	2-3/16	-	5/32	-	0.4	48769
H	1-1/4	Carbon Stl	Carbon Stl	225	2-7/16 Dia	1-3/4	2-3/16	-	5/32	-	0.6	48770
I	11/16	Carbon Stl	Carbon Stl	90	15/16x1-7/32	3/4	31/32	11/16	1/8	11/16 Dia	0.2	48764
I	1	Carbon Stl	Carbon Stl	135	1-3/8x1-3/4	1-1/16	1-3/8	1	5/32	31/32 Dia	0.3	48766
I	1-1/8	Carbon Stl	Carbon Stl	180	1-3/8x1-3/4	1-3/16	1-3/8	1	5/32	31/32 Dia	0.4	48765
J	11/16	Carbon Stl	Carbon Stl	90	1-5/16 Dia	3/4	1-1/8 Dia	-	1/8	11/16	0.2	48760
J	1	Carbon Stl	Carbon Stl	135	1-23/32 Dia	1-1/16	1-15/32 Dia	-	5/32	31/32 Dia	0.3	48763
J	1-1/8	Carbon Stl	Carbon Stl	180	1-13/16 Dia	1-3/16	1-9/16 Dia	-	5/32	31/32 Dia	0.4	48761
J	1-1/4	Carbon Stl	Carbon Stl	225	2 Dia	1-5/16	1-11/16 Dia	-	5/32	1-1/16 Dia	0.5	48762
K	1-1/2	Nylon	Carbon Stl	125	3x3	1-13/16	2-19/32	2-7/16	-	-	1.0	37821
K	1-1/2	Nylon	Stainless Stl	125	3x3	1-13/16	2-19/32	2-7/16	-	-	1.0	37823
K	1-1/2	Carbon Stl	Carbon Stl	250	3x3	1-13/16	2-19/32	2-7/16	-	-	1.4	25912
K	1-1/2	Stainless Stl	Carbon Stl	250	3x3	1-13/16	2-19/32	2-7/16	-	-	1.4	37822
K	1-1/2	Stainless Stl	Stainless Stl	250	3x3	1-13/16	2-19/32	2-7/16	-	-	1.4	25913
L	1-1/2	Carbon Stl	Carbon Stl	250	3x3	2-1/32	2-19/32	2-7/16	-	-	1.5	37824
L	1-1/2	Stainless Stl	Stainless Stl	250	3x3	2-1/32	2-19/32	2-7/16	-	-	1.5	37825



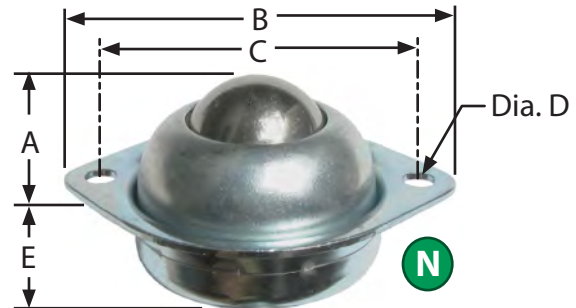
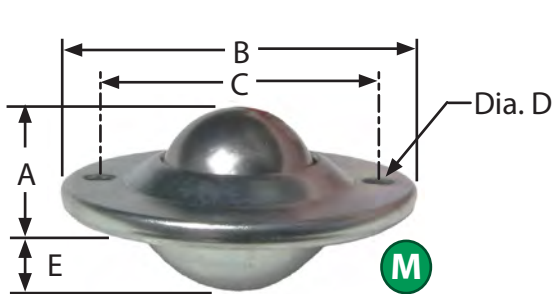
Ball Transfer

BALL TRANSFER

Ball Transfer Units

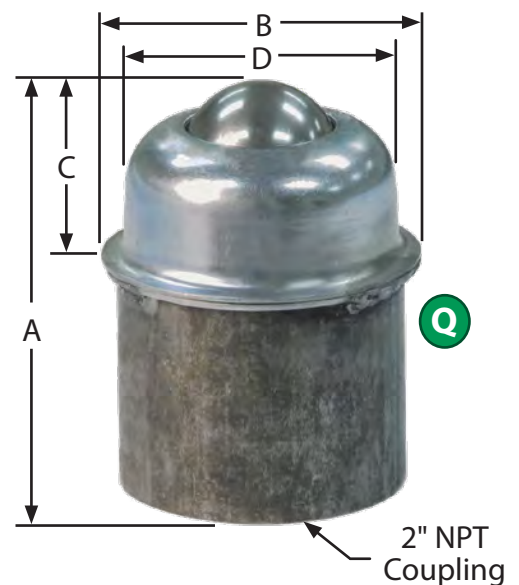
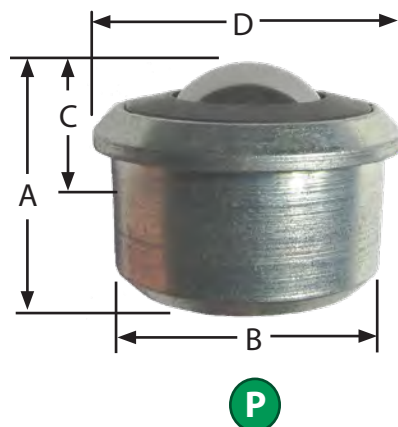
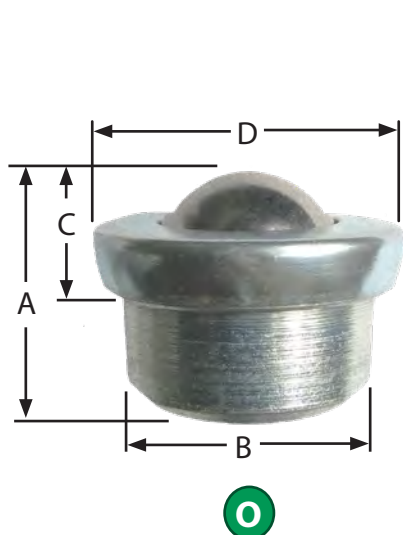
Countersunk Flange Style Ball Transfer Units

Key	Ball Dia. (In.)	Ball Material	Housing Material	Cap. (Lbs.)	Size (In.)	Mounting	A (In.)	B (In.)	C (In.)	D (In.)	E (In.)	Ship Wt.	Part No.
M	5/8	Carbon Stl	Carbon Stl	20	1-11/16 Dia	9/64 dia	3/8	1-11/16	1-1/4	9/64	3/8	0.3	37830
M	1	Carbon Stl	Carbon Stl	75	2-1/4 Dia	3/16 dia	5/8	1-7/32	1-3/4	3/16	19/32	0.5	37831
M	1	Stainless Stl	Carbon Stl	75	2-1/4 Dia	3/16 dia	5/8	1-7/32	1-3/4	3/16	19/32	0.5	37832
N	1	Nylon	Carbon Stl	35	2-3/4X2-1/8	7/32 dia	3/4	2-3/4	2-3/16	3/4	31/64	0.4	37827
N	1	CarbonStl	Carbon Stl	75	2-3/4X2-1/8	7/32 dia	3/4	2-3/4	2-3/16	3/4	31/64	0.6	37826
N	1	Stainless Stl	Stainless Stl	75	2-3/4X2-1/8	7/32 dia	3/4	2-3/4	2-3/16	3/4	31/64	0.6	37829



Drop-In & Pipe Style Ball Transfer Units

Key	Ball Dia. (In.)	Ball Material	Housing Material	Cap. (Lbs.)	A (In.)	B (In.)	C (In.)	D (In.)	Ship Wt.	Part No.
O	5/8	Carbon Stl	Carbon Stl	33	13/16	15/16	3/8	1-3/16	0.3	25910
O	1	Carbon Stl	Carbon Stl	200	1-1/4	1-3/8	5/8	1-43/64	0.6	25911
P	1-3/16	Carbon Stl	Carbon Stl	500	1-7/16	1-3/4	17/32	2	0.9	25909
P	1-3/16	Stainless Stl	Carbon Stl	500	1-7/16	1-3/4	17/32	2	0.9	23647
Q	1-1/2	Nylon	Carbon Stl	125	3-13/16	3	1-13/32	2-19/32	1.7	39045
Q	1-1/2	CarbonStl	Carbon Stl	250	3-13/16	3	1-13/32	2-19/32	1.7	39046
Q	1-1/2	Stainless Stl	Carbon Stl	250	3-13/16	3	1-13/32	2-19/32	2.3	39047



Flow Rail Wheel - Models FR1, FR2, FR3, FR4,FR6

Flow Rails are constructed of standard skatewheels attached to various angle or channel shapes. They are well suited for storage flow racks. For pallet flow, 100 Lb. wheels are recommended. In addition to the models listed, staggered wheels, plastic wheels, and varying lengths are available. The Package stop will work with Models FR2, FR4, and FR6.

CONSTRUCTION:

Wheels: 1-15/16" diameter wheels; 1/4" ball bearings set in hardened raceway, prelubricated, zinc plated steel. Aluminum wheels are available. Wheel capacity 75 Lbs. and 100 Lbs.

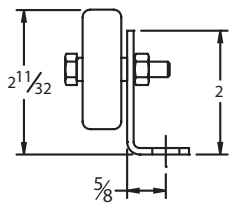
Axles: 1/4" diameter steel; one end threaded with locking nut.

Frame:

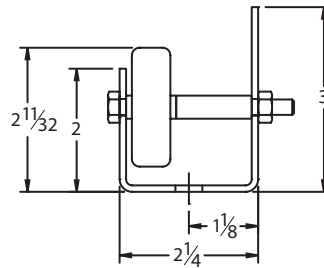
FR1: 2" x 1" x 12 ga. galvanized steel angle.

FR2: 3" x 2-1/4" x 2" x 12 ga. galvanized steel "J" channel.

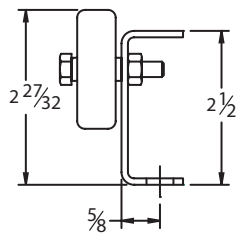
FR3, FR4 & FR6: 2-1/2" x 1" x 12 ga. galvanized steel channel.



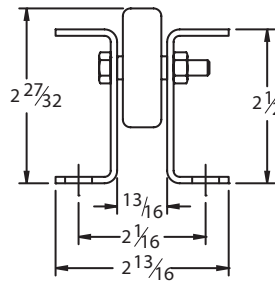
Model FR1



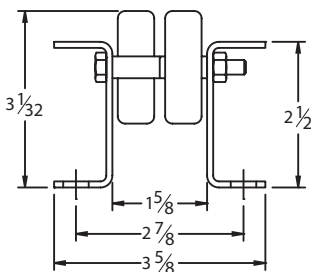
Model FR2



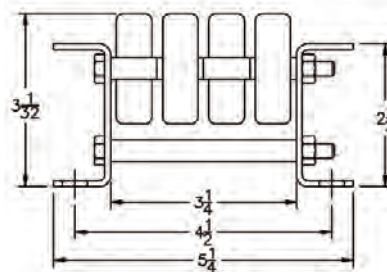
Model FR3



Model FR4 3" Centers



Model FR4 1-1/2"



Model FR6



FLOW RAIL

Flow Rail Wheel - Models FR1, FR2, FR3, FR4,FR6

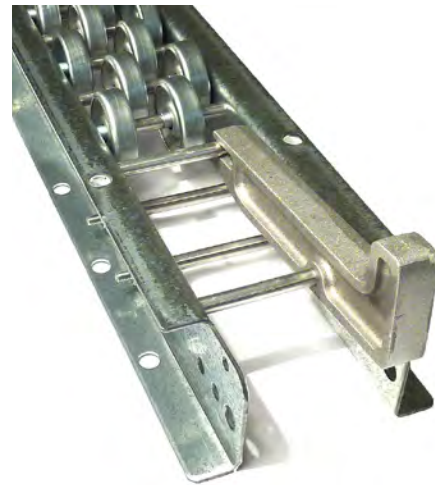
Part Number	Wheel Capacity	Axle Centers	Wt. (Lbs./Ft.)	Maximum Load Per Foot (Lbs.) At Specified Support Centers						
				3'	4'	5'	6'	7'	8'	10'
__FR17503	75 Lbs.	3"	2.3	100	55	36	25	18	14	6
__FR110003	100	3"	2.6	100	55	36	25	18	14	6
__FR27503	75	3"	3.5	300	300	196	113	71	48	24
__FR27515	75	1-1/2"	4.5	300	300	196	113	71	48	24
__FR37503	75	3"	2.5	300	281	144	83	52	35	18
__FR310003	100	3"	2.7	325	281	144	83	52	35	18
__FR47503	75	3"	4	300	300	240	165	105	70	36
__FR47515	75	1-1/2"	4.8	600	375	240	165	105	70	36
__FR410003	100	3"	4.2	400	375	240	165	105	70	36
__FR410015	100	1-1/2"	5.4	650	375	240	165	105	70	36
__FR67515	75	1-1/2"	4.8	650	375	240	165	105	70	36
__FR610015	75	1-1/2"	4.8	650	375	240	165	105	70	36

Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

FLOW RAIL PACKAGE STOP



Model FR Package Stop
Compatible with FR2, FR4, & FR6 Flow Rails



FR Package Stop Installed in
FR6 Flowrail

Part Number	Material	Bore	Length	Width	Wt. (Lbs.)
FR PKG STOP ASSY	Cast Aluminum	1/4"	7-1/2"	13/16"	.6

Flow Rail Ball Transfer - Models BTFRLPCS, BTFRF, BTFR2

CONSTRUCTION:

Ball transfer flow rail allow an item to be moved both in-line and across the flow rail. Applications for ball transfer flow rail include equipment tool change, packaging stations, assembly stations, etc. Intended to be continuously supported.

Ball Transfers:

BTFRLPCS: recessed style, 5/8" dia. carbon steel ball, 20 Lbs. capacity.

BTFRF: flange style, 1" dia. carbon steel ball, 75 Lbs. capacity.

BTFRS: stud style, 1" dia. carbon steel ball, 75 Lbs. capacity.

Frame:

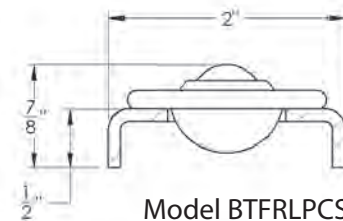
BTFRLPCS: 2" x 1/2" x 12 ga. galvanized steel channel.

BTFRF: 2-1/2" x 1" x 12 ga. galvanized steel channel.

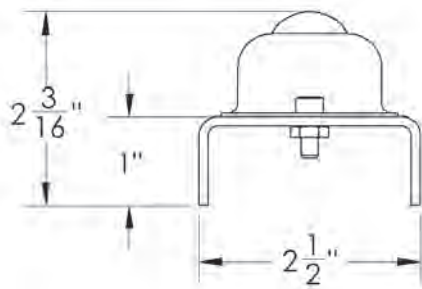
FR3 & FR4: 2-1/2" x 1" x 12 ga. galvanized steel channel.

Part Number	Ball Capacity	Ball Centers	Wt. (Lbs./Ft.)	Maximum Load Per Foot (Lbs.) Continuously Supported
BT05FR02LPCS2C	20 Lbs.	2"	2.1	120
BT__FR03F25C	75	3"	2.7	300
BT__FR06F25C	75	6"	2.1	150
BT__FR03S25C	75	3"	3.1	300
BT__FR06S25C	75	6"	2.3	150

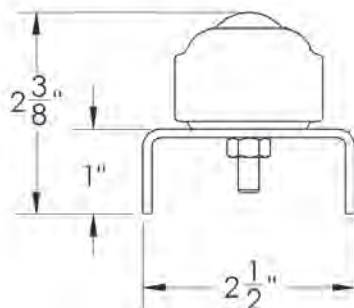
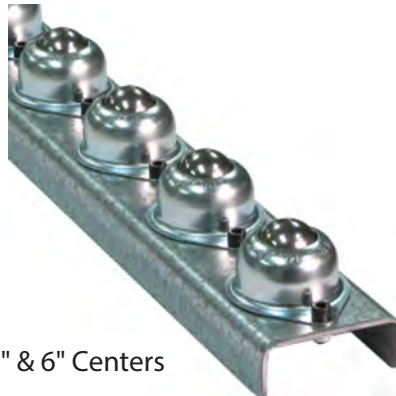
Replace "__" in Part Number with "05" for 5' or "10" for 10' length
BT__FR02LPCS2C only available in 5' lengths.



Model BTFRLPCS - 2" Centers



Model BTFRF, 3" & 6" Centers



Model BTFRS, 3" & 6" Centers



FLOW RAIL

Flow Rail Roller - Models FRM2503, FRMF20003L/R, FRMF3003L/R

CONSTRUCTION:

Roller Flow Rails are constructed of plastic or steel rollers attached to a channel. They are well suited for storage flow racks. The "flanged" style keeps packages on the flow rails using right hand and left hand versions.

Rollers:

FRM2503: 1-5/8" dia. ABS plastic, 25 Lbs. capacity.

FRMF20003: 1.9" dia. galvanized steel with flange, 200 Lbs. capacity.

FRMF3003: 1-5/8" ABS plastic with flange, 30 Lbs. capacity.

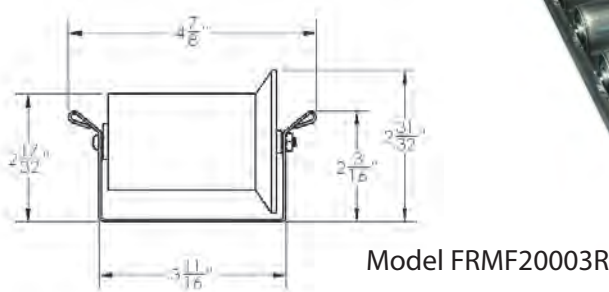
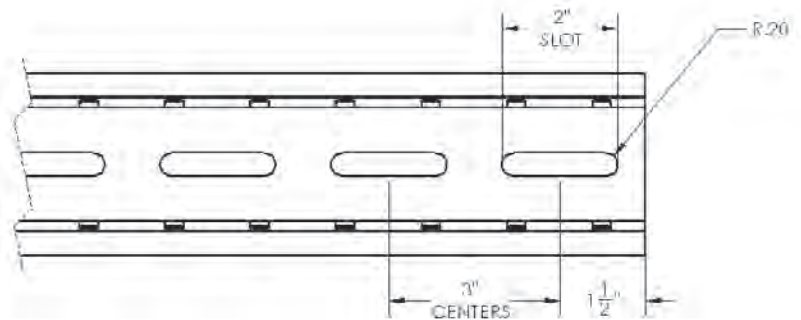
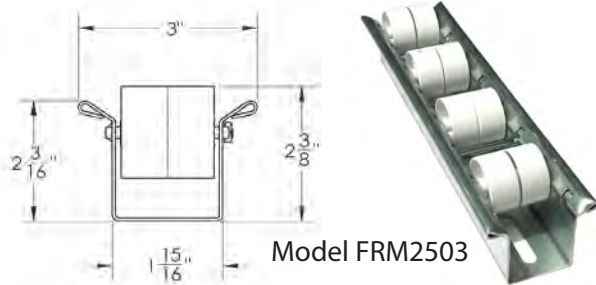
Frame: 17 ga. galvanized steel channel.

Part Number	Roller Capacity	Roller Centers	Wt. (Lbs./Ft.)	Maximum Load Per Foot (Lbs.) At Specified Support Centers							
				2'	3'	4'	5'	6'	7'	8'	10'
__ FRM2503	25 Lbs.	3"	1.6	100	90	55	36	25	18	15	10
__ FRMF20003L	200	3"	4.6	250	110	62	40	28	20	16	10
__ FRMF20003R	200	3"	4.6	250	110	62	40	28	20	16	10
__ FRMF3003L	30	3"	1.7	120	90	55	36	25	18	15	10
__ FRMF3003R	30	3"	1.7	120	90	55	36	25	18	15	10

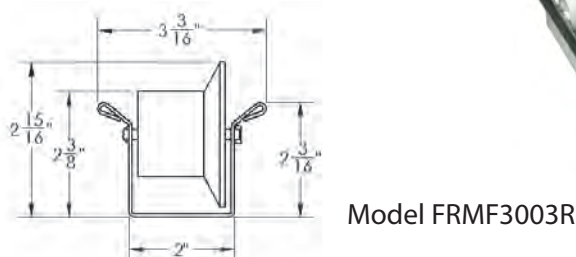
Replace "__" in Part Number with "05" for 5' or "10" for 10' length.

"L" and "R" indicate left hand and right hand models.

Load values are evenly distributed.



Model FRMF20003L



Model FRMF3003L

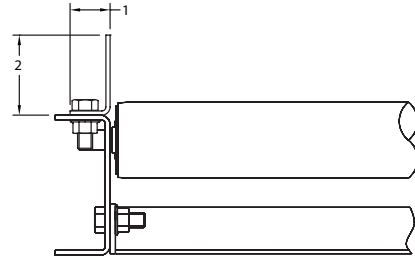
Guard - Model GA2

Construction:

Angle: 2" x 1" x 12 ga. galvanized steel. Set of 2 rails included.

Attachment: Bolted to top flange of conveyor frame; hardware included.

Part Number	Conveyor	Inside Radius	Channel	Wt. (Lbs.)
GA210 G	10' Straight	-	Galvanized	32



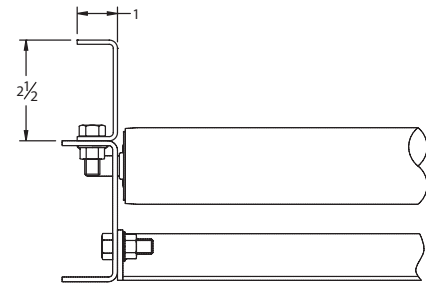
Guard - Model GU3

Construction:

Rail: 2-1/2" x 1" x 12 ga. galvanized steel or 2-1/2" x 1" x 1/8" aluminum channel. Set of 2 rails included.

Attachment: Bolted to top flange of conveyor frame; hardware included.

Part Number	Conveyor	Inside Radius	Channel	Wt. (Lbs.)
GU310	10' Straight	-	Galvanized	32
GU390__R30	90 Degree	30"	Galvanized	23
GU390__R36	90 Degree	36"	Galvanized	28
GU3A10	10' Straight	-	Aluminum	13
GU3A90__R30	90 Degree	30"	Aluminum	10
GU3A90__R36	90 Degree	36"	Aluminum	12



Replace "__" in Part Number with BF
When ordering for curve, specify inner radius & conveyor style

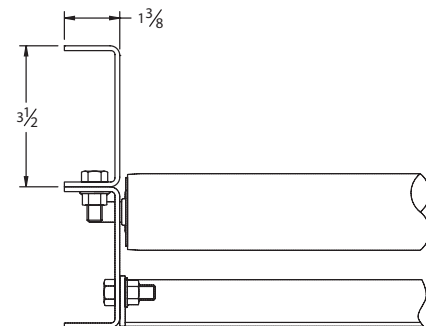
Guard - Model GU4

Construction:

Rail: 3-1/2" x 1-3/8" x 11 ga. galvanized steel or 3-1/2" x 1-3/8" x 1/8" aluminum channel. Set of 2 rails included.

Attachment: Bolted to top flange of conveyor frame; hardware included.

Part Number	Conveyor	Inside Radius	Channel	Wt. (Lbs.)
GU410	10' Straight	-	Galvanized	50
GU490__R30	90 Degree	30"	Galvanized	37
GU4A10	10' Straight	36"	Aluminum	18
GU4A90__R30	90 Degree	-	Aluminum	14



Replace "__" in Part Number with BF
When ordering for curve, specify inner radius & conveyor style

ACCESSORIES

Guard - Model GU5

Construction:

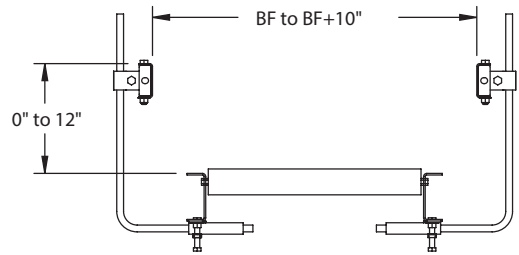
Rail: 2-1/2" x 1" x 12 ga. galvanized steel channel. Set of 2 rails included.

Attachment: Adjustable vertically and horizontally, bolted to bottom of flange conveyor frame, hardware included.

Part Number	Conveyor	Channel	Wt. (Lbs.)
GU510	10' Straight	Galvanized	46
GU590__	90 Degree	Galvanized	38

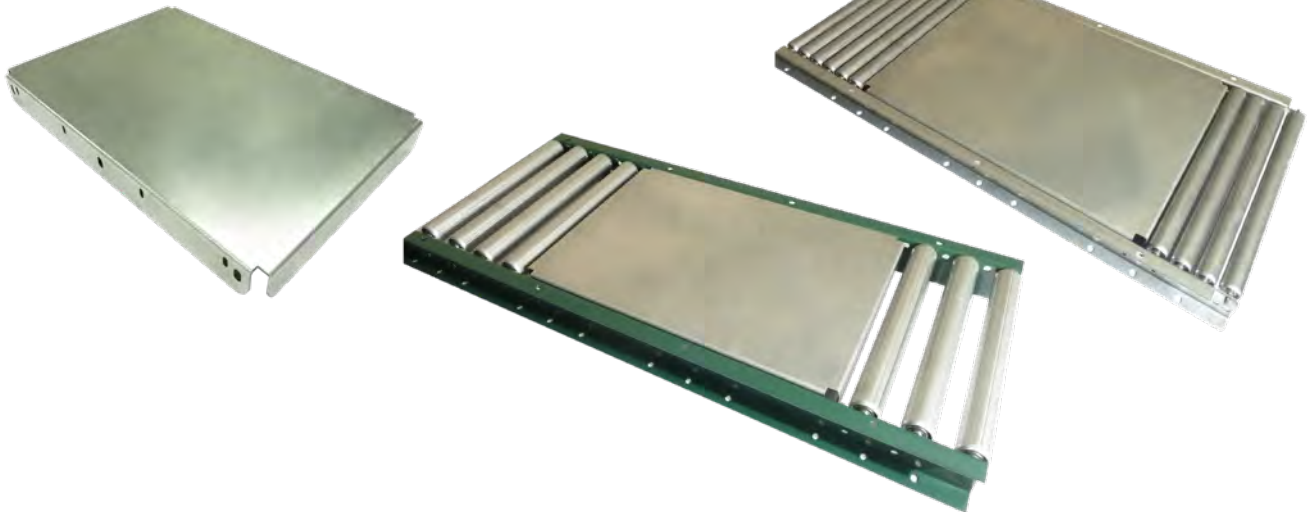
Replace "__" in Part Number with BF

When ordering for curve, specify inner radius & conveyor style
Guards for curves are adjustable vertically only



Dead Plate/Work Surface - Model DP

Dead Plates may be used as a stop or work surface. Dead Plates can be mounted into 2-1/2" and 3-1/2" frames at any location by simply removing existing rollers and bolting in place. The Dead Plate height will match standard roller height. Made of 12 ga. galvanized steel.



Part Number	BF	OAL	Capacity (Lbs.) (evenly distributed)	Wt. (Lbs.)
DP10BFX24	10"	23-7/8"	750	11
DP16BFX24	16"	23-7/8"	500	16
DP22BFX24	22"	23-7/8"	400	21
DP36BFX24	36"	23-7/8"	300	33

Gates are used to create an opening through a gravity conveyor section. The spring assist mechanism reduces the lifting force required to open the gate. Each end of the opening must be supported by floor supports. Gates are available in Skatewheel or Roller conveyor. H-stands sold separately.

Construction:

Frame:

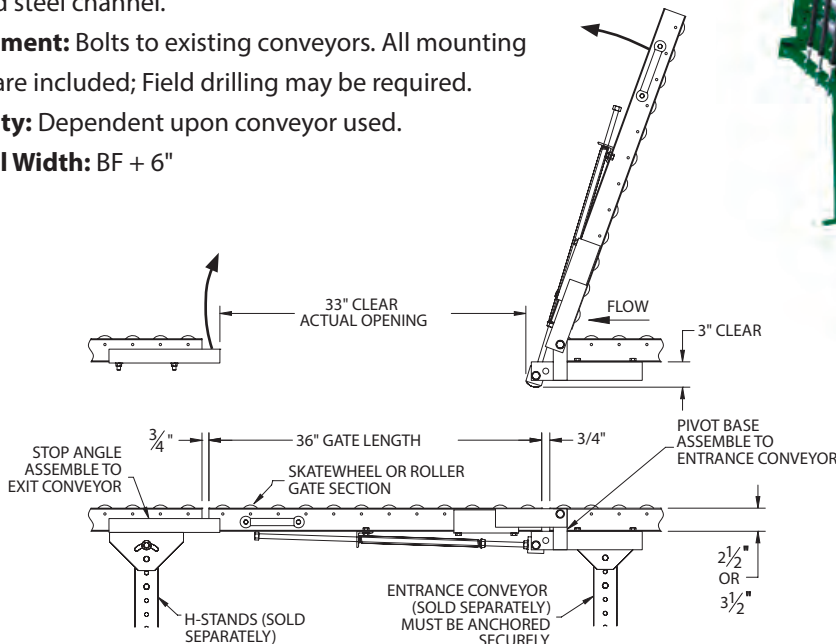
Skatewheel: 2-1/2" x 1" x 12 ga. aluminum or galvanized steel channel.

Roller: 2-1/2" x 1" x 12 ga. galvanized or 3-1/2" x 1-3/8" x 11 ga. painted steel channel.

Attachment: Bolts to existing conveyors. All mounting hardware included; Field drilling may be required.

Capacity: Dependent upon conveyor used.

Overall Width: BF + 6"



3' SKATEWHEEL GATE KITS

Part Number	BF	OAW	Wheels Per Ft	Gate Frame	Wt. (Lbs.)
HG12x10x03A	10"	12"	10	2-1/2" Aluminum	37
HG18x16x03A	16"	18"	16	2-1/2" Aluminum	43
HG24x20x03A	22"	24"	20	2-1/2" Aluminum	49
HG12x10x03G	10"	12"	10	2-1/2" Galvanized	47
HG18x16x03G	16"	18"	16	2-1/2" Galvanized	58
HG24x20x03G	22"	24"	20	2-1/2" Galvanized	66

3' ROLLER GATE KITS

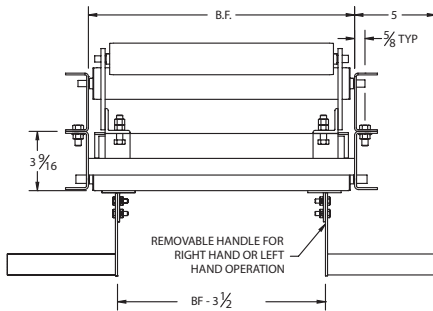
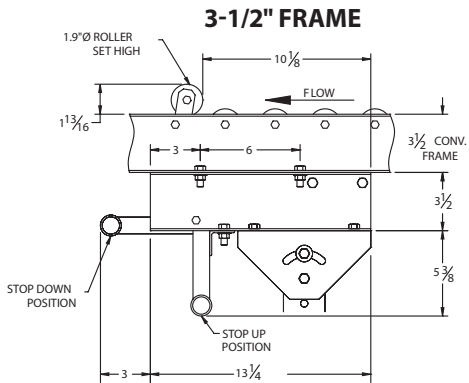
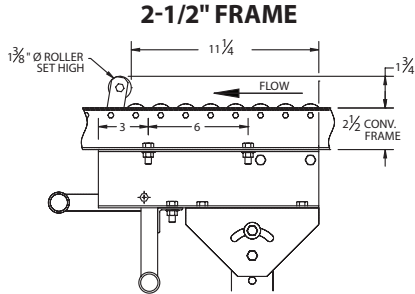
Part Number	BF	Roller	Roller Centers	Gate Frame	Wt. (Lbs.)
HG11F03EG15B10	10"	1-3/8" x 18 ga.	1-1/2"	2-1/2" Galvanized	59
HG11F03EG15B16	16"	1-3/8" x 18 ga.	1-1/2"	2-1/2" Galvanized	72
HG11F03EG15B22	22"	1-3/8" x 18 ga.	1-1/2"	2-1/2" Galvanized	87
HG10F03KG03B10	10"	1.9" x 16 ga.	3"	3-1/2" Painted	70
HG10F03KG03B16	16"	1.9" x 16 ga.	3"	3-1/2" Painted	87
HG10F03KG03B22	22"	1.9" x 16 ga.	3"	3-1/2" Painted	103

ACCESSORIES

Hand Operated Roller Stop - Model RS140/RS190

The hand operated roller stop is used on gravity conveyors where manual line control is required to stop or index conveyed items.

To operate, rotate lever 90 degrees to raise or lower stop. It may be used as normally up or down



Construction:

Stop: 1-3/8" x 16 galvanized steel roller with 7/16" hex shaft. Blade stop is optional. Also available with 1.9" x 16 ga. roller (RS140 is shown).

Lock: Positive over center style.

Attachment: Bolted to bottom flange of conveyor frame, mounting hardware included. Drilling of bottom flange required. During field installation, removal of one conveyor roller is required.

Weight: 15 Lbs. + (1 x BF)

Part Number	Roller	For Frame	Wt.
RS140B__	1-3/8" x 16 Ga Galvanized	2-1/2"	15 + (1 x BF)
RS190B__	1.9" x 16 Ga Galvanized	3-1/2"	15 + (1 x BF)

Replace "__" in Part Number with BF

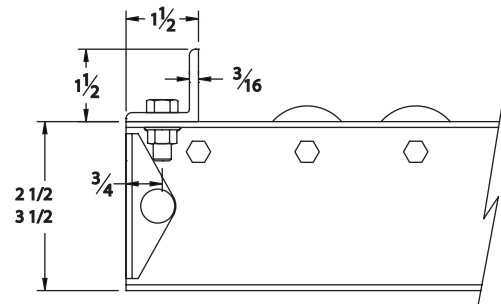
Angle Stop - Model AS15

Used to stop conveyed items at a fixed location.

Construction:

Stop: 1-1/2" x 1-1/2" x 3/16" painted steel angle.

Attachment: Bolted to top flange of 2-1/2", or 3-1/2" frame; mounting hardware included. Drilling of top flange required.



Part Number	Wt.
AS15B__	1 + (.15 x BF)

Replace "__" in Part Number with BF

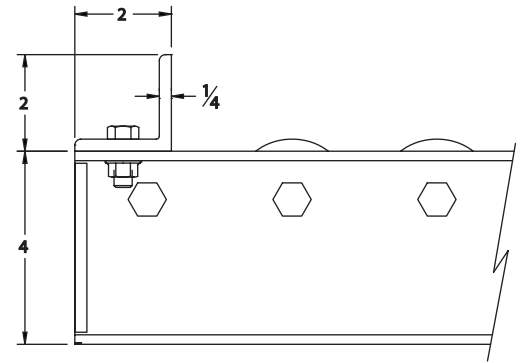
Angle Stop - Model AS20

Used to stop conveyed items at a fixed location.

Construction:

Stop: 2" x 2" x 1/4" painted steel angle.

Attachment: Bolted to top flange of 4" frame; mounting hardware included. Drilling of top flange required.



Part Number	Wt.
AS20B __	1 + (.27 x BF)

Replace "__" in Part Number with BF

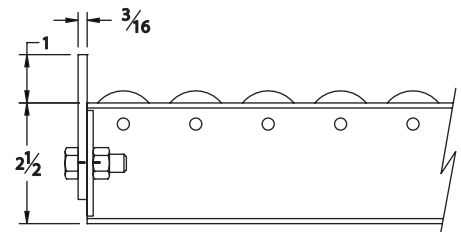
Flat Stop - Model FS25

For use with 2.5" rail.

Construction:

Stop: 3" x 3/16" painted steel

Attachment: Bolted to butt plate; mounting hardware included.



Part Number	Wt.
FS25B __	1 + (.16 x BF)

Replace "__" in Part Number with BF

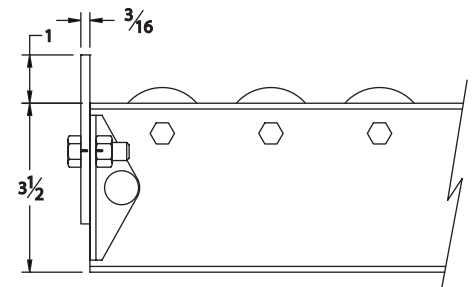
Flat Stop - Model FS35

For use with 3.5" rail.

Construction:

Stop: 3-1/2" x 3/16" painted steel

Attachment: Bolted to butt plate; mounting hardware included.



Part Number	Wt.
FS35B __	1 + (.19 x BF)

Replace "__" in Part Number with BF

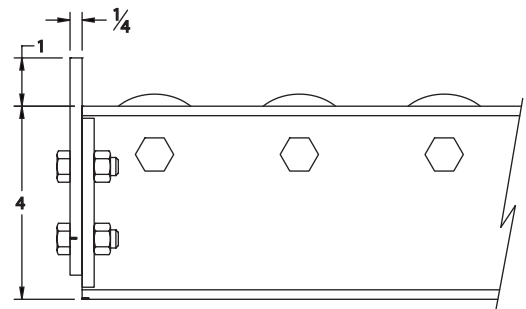
Flat Stop - Model FS40

For use with 4.0" rail.

Construction:

Stop: 4-1/2" x 1/4" painted steel

Attachment: Bolted to butt plate; mounting hardware included.



Part Number	Wt.
FS40B __	1.5 + (.32 x BF)

Replace "__" in Part Number with BF

CUSTOM SOLUTIONS

Custom Solutions

Ashland Conveyor Products has over 45 years experience producing gravity and powered conveyors. We specialize in custom and standard products that provide material handling integrators and distributors an economical advantage. Markets and projects which we excel at are: major retail distribution centers, automotive assembly, warehousing, and parcel delivery.

Ashland Conveyor Products has the experience and products to complete your sortation system. Starting with spur sections off your sortation system, to herringbone

centering and down chute conveyors and finishing in centering and down chute conveyors and finishing in the trailer with our telescoping conveyor. Our engineering and full 3D Cad design capabilities enable us to custom design products for your application, providing you with the most cost effective solution.

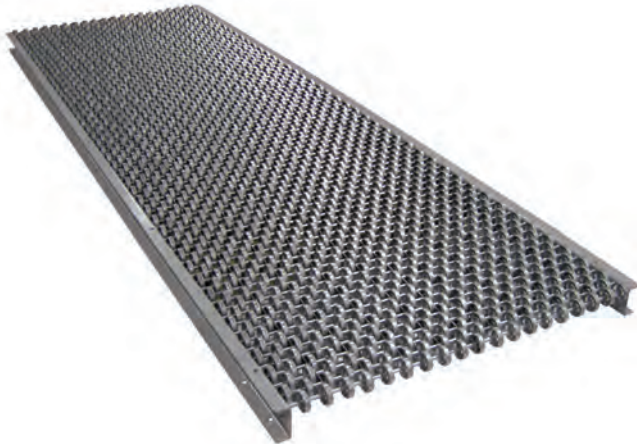
This brochure provides you a limited example of our manufacturing and design capabilities. Please keep us in mind as a source for your gravity material handling projects.



We can apply our expertise in gravity systems to your project as seen in this foot operated escapement stop, or a counter balanced gate designed for a pallet handling operation.



Forklift interface for a 10,000 lb. pallet system.

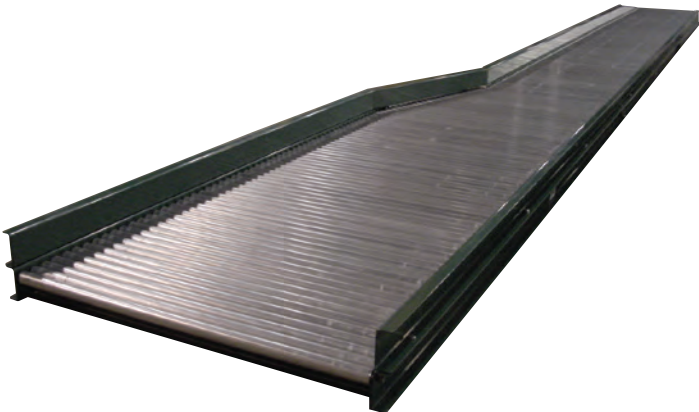
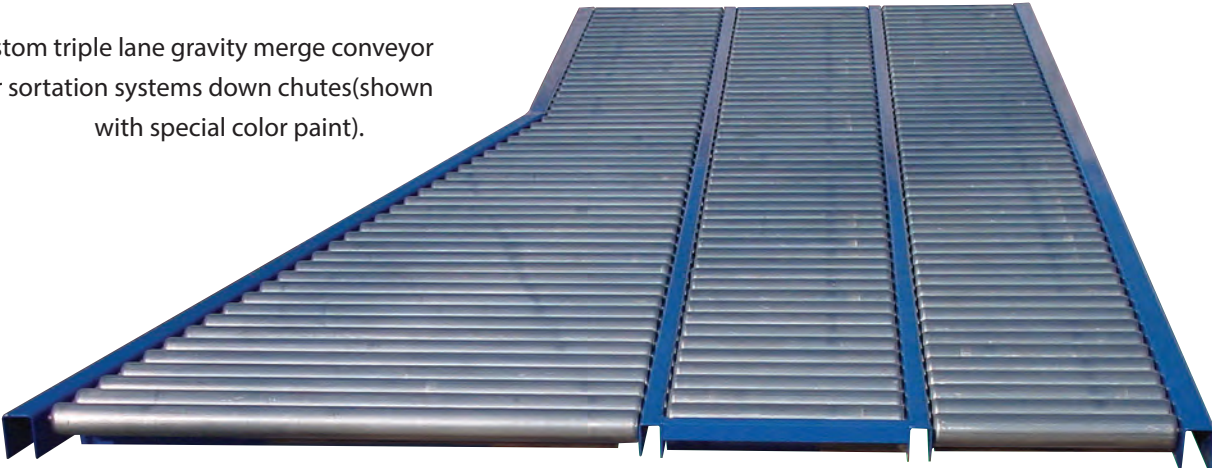


High Density Skatewheel Conveyor



Heavy Duty Flow Rack

Custom triple lane gravity merge conveyor for sortation systems down chutes (shown with special color paint).

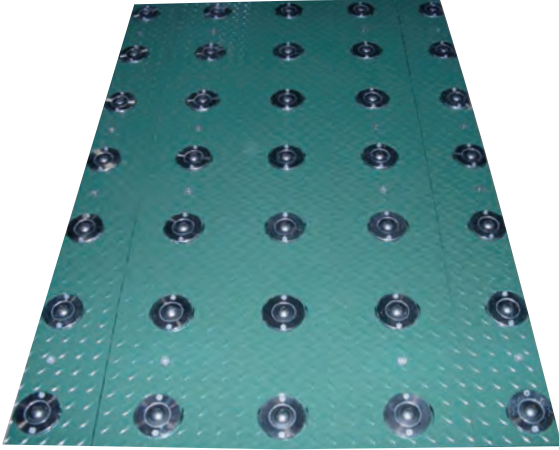


Custom Gravity Merge

This trough gravity conveyor (designed to handle round stock) highlights our flexible manufacturing processes, and is an example of customizing our standard products to meet your specific application, while keeping costs low.

CUSTOM SOLUTIONS

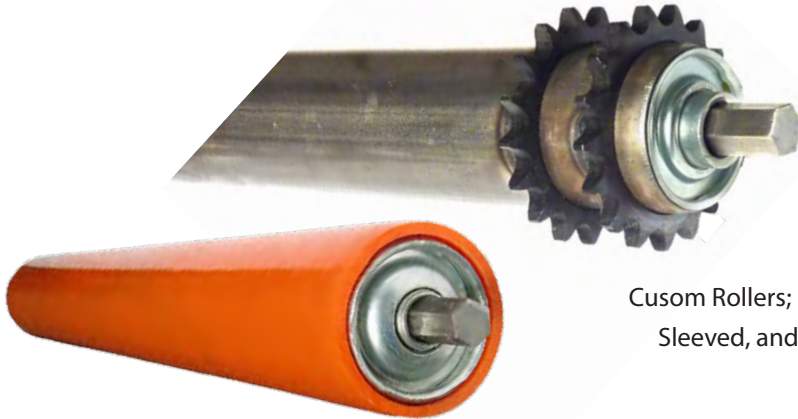
Custom Solutions



Custom Ball Transfer Table with cover plate



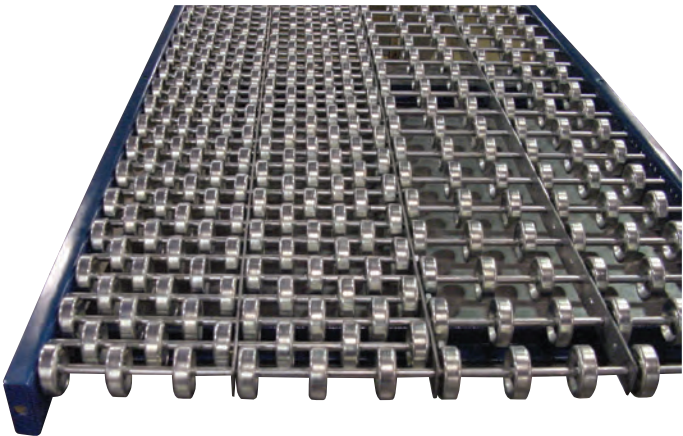
Tapered Roller Curves



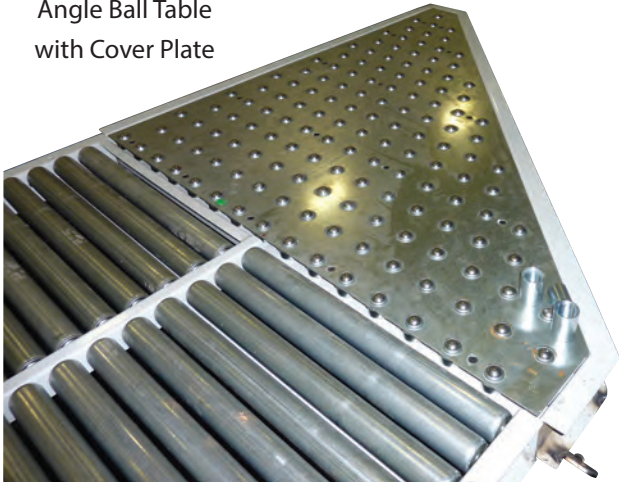
Custom Rollers; Sprocketed, Grooved, Sleeved, and Precision Bearings

Distribution Solutions





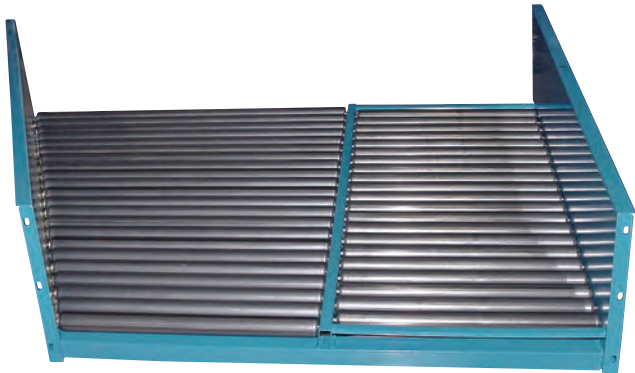
Dual Density Skatwheel Conveyor



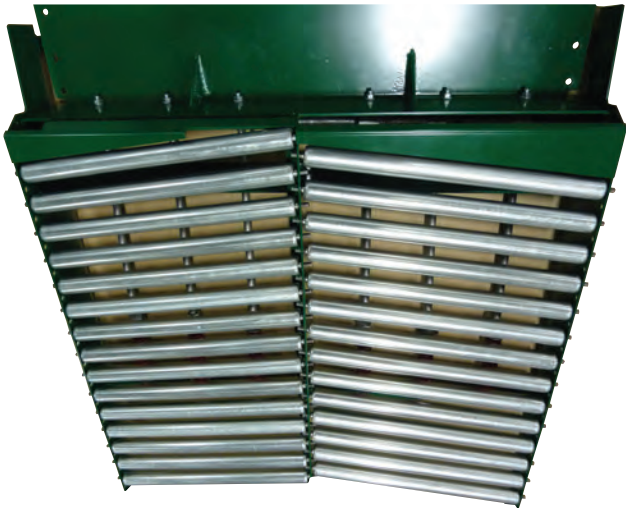
Angle Ball Table
with Cover Plate



Custom Conveyor Gates



Split Roller Merge with High Guards



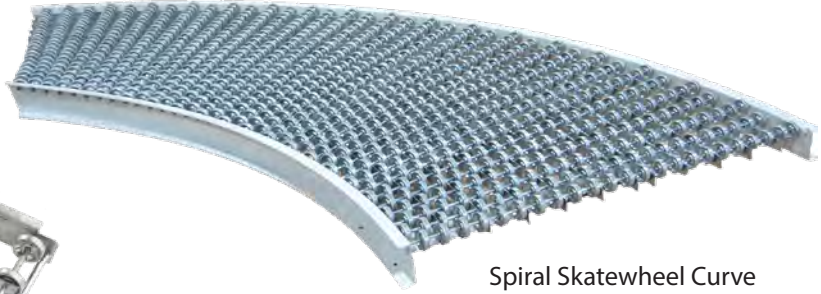
Herringbone Spring Gate

CUSTOM SOLUTIONS

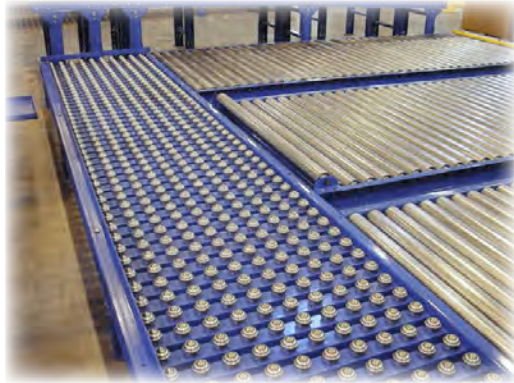
Custom Solutions



Skatewheel with Dead-Plate



Spiral Skatewheel Curve

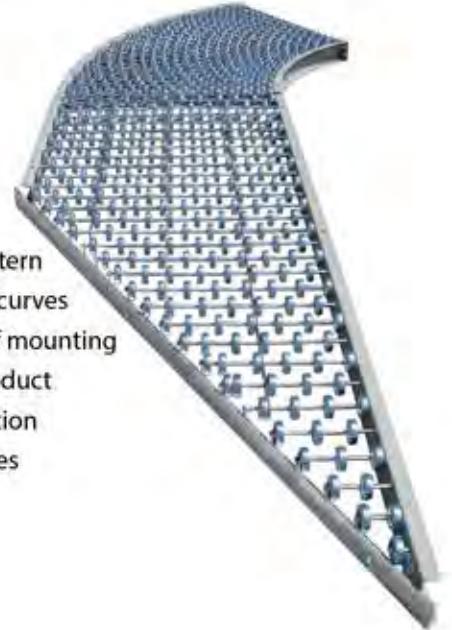


Distribution Solutions





Ashland Conveyor has a number of designs for custom herringbone sections which are used to center or slow products on the conveyors, especially on down lanes from sortation systems.



Custom width and pattern skatewheel spurs and curves (spur shown with shelf mounting bracket) help track product transferred from sortation systems to the pick lines

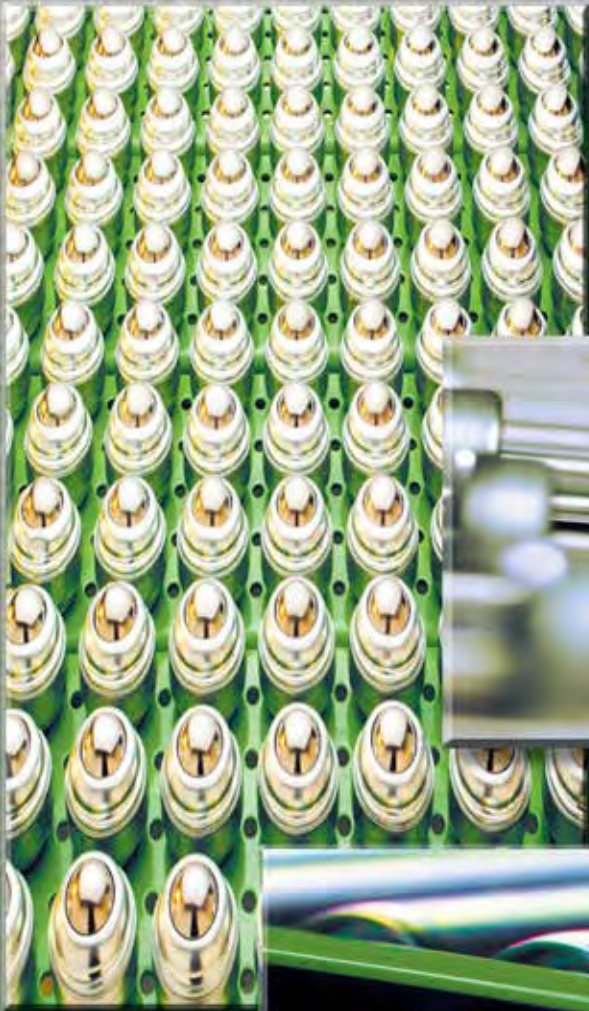


Chain Driven Live Roller Conveyor in both standard and custom configurations.



Fully guarded telescoping conveyor. Customizable for your specific material handling needs.

ASHLAND CONVEYOR PRODUCTS



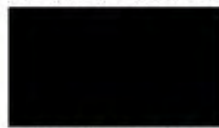
Standard Color



Optional Colors (Additional Lead-Time/Cost May Apply)



Oyster Gray RAL #7038



Black RAL #9017



Blue RAL #5010

Authorized Distributor

Ashland Conveyor Products
1919 Cellar Drive • Ashland, Ohio 44805 • 1-800-587-0045 • www.ashlandconveyor.com