

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.

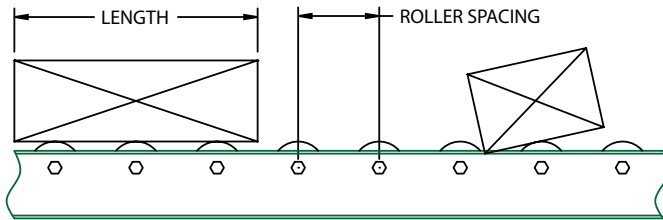
### Roller size

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

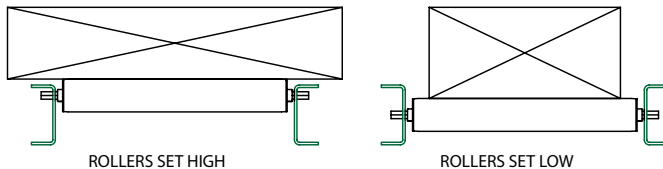
A minimum of three rollers should be in contact with the load at all times. Roller centers may need to be reduced even further in order to reduce the load per roller.



### 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

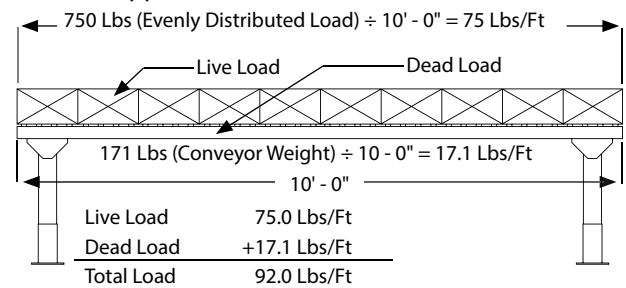
The two standard frame couplers are butt couplings, 2-1/2", 3-1/2" and 4" channel, and hook and rod couplers, 2-1/2"

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.**

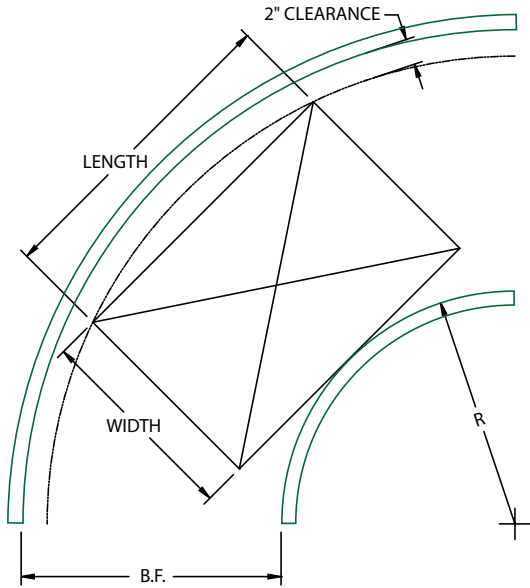
Item	Weight (Lbs.)	Slope Required To Start And Move Product	
		Inches/Foot	Inches/10'
Firm Cartons	5	7/8"	9"
	10	3/4"	7-1/2"
	50	1/2"	5"
	100	3/8"	3-3/4"
Steel Drums	150	3/8"	3-3/4"
	300	1/4"	2-1/2"
Tote	10	1/2"	5"
	25	3/8"	3-3/4"
	50	5/16"	3-1/8"
	100	1/4"	2-1/2"
Pallet With Runners	50	1/2"	5"
	100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

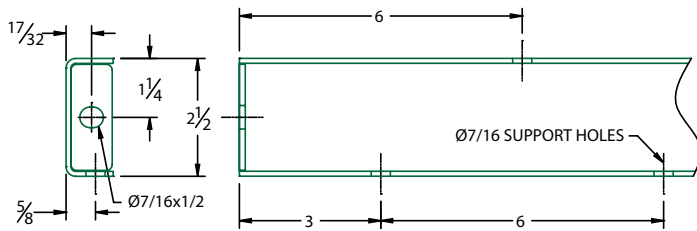
Product Length	Product Width								
	4"	8"	12"	16"	20"	24"	28"	32"	36"
Min. Conveyor Between Frame Dimension									
4"	6"	10"	14"	18"	22"	26"	30"	34"	38"
8"	6"	10"	14"	18"	22"	26"	30"	34"	38"
12"	6"	10"	14"	18"	22"	26"	30"	34"	38"
16"	7"	11"	15"	19"	23"	27"	31"	34"	38"
20"	7"	11"	15"	19"	23"	27"	31"	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

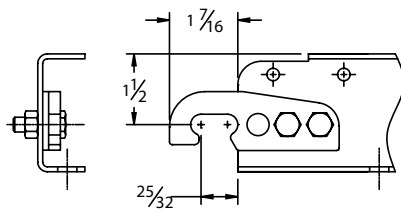
Both the weight of the conveyed items and the conveyor must be considered when selecting floor supports. The nominal height of the support is to the bottom of the conveyor frame. For hook and rod conveyor either H-stand supports or tripods may be selected.

### 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.

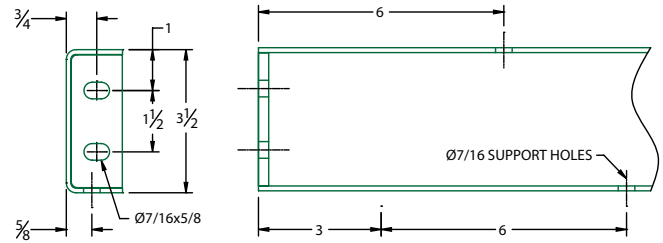
36 Lbs./Ft. on 10' support centers

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

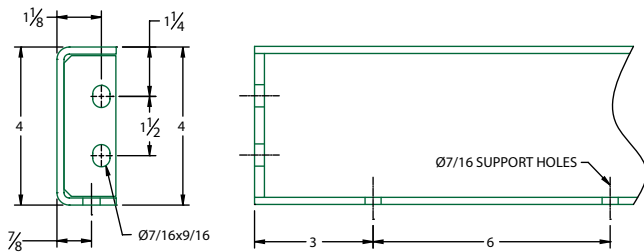
## General Information

Roller Conveyor

### 4" Channel



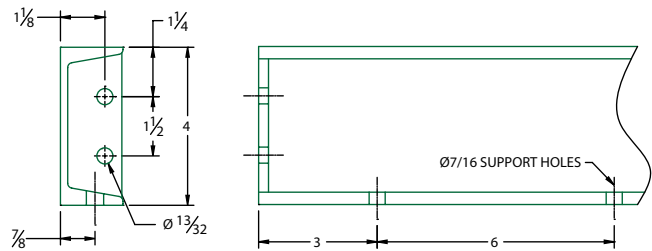
### 4" Structural



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

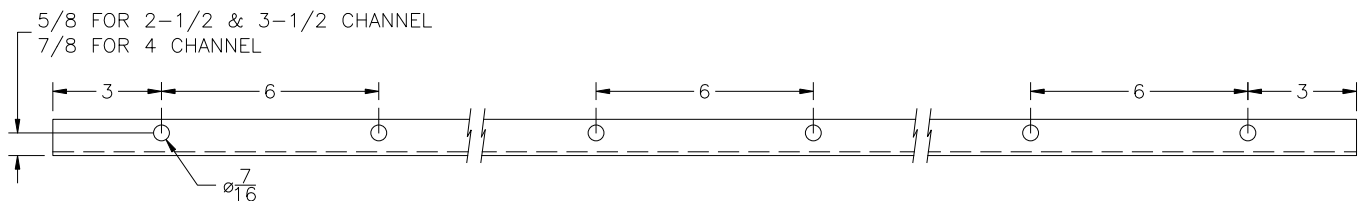
### 4" x 7 Ga. Formed Channel

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

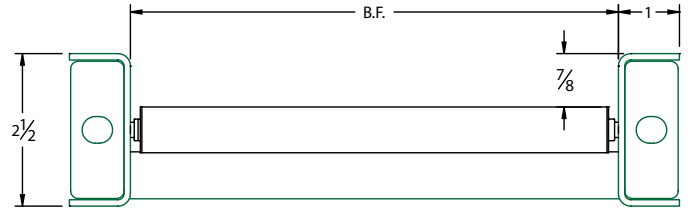
**Coupling:** Butt plate standard

**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

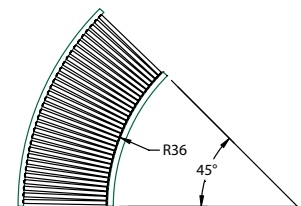
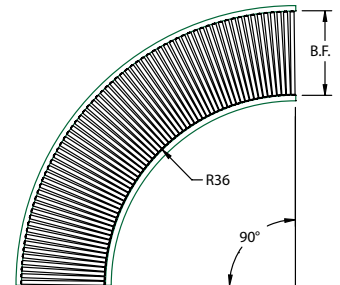
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
1F__B01B19L	19"	1"	65	130
1F__B02B19L		2"	41	83
1F__B03B19L		3"	34	67
1F__B01B21L	21"	1"	70	139
1F__B02B21L		2"	44	88
1F__B03B21L		3"	35	71
1F__B01B22L	22"	1"	72	144
1F__B02B22L		2"	45	90
1F__B03B22L		3"	36	72

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**

## 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

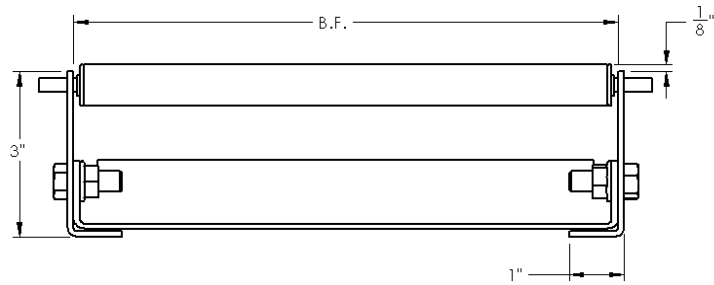
**Capacity:** Weight of section must be included

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:

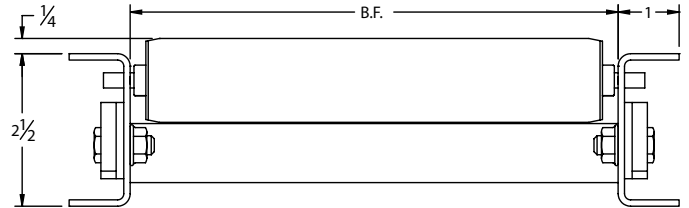
Frame 36 Lbs./Ft. on 10' support centers

260 Lbs./Ft. on 5' support centers

Roller Refer to Roller models for capacity



Roller  
Conveyor



## STRAIGHT SECTIONS - 5' & 10' LENGTHS

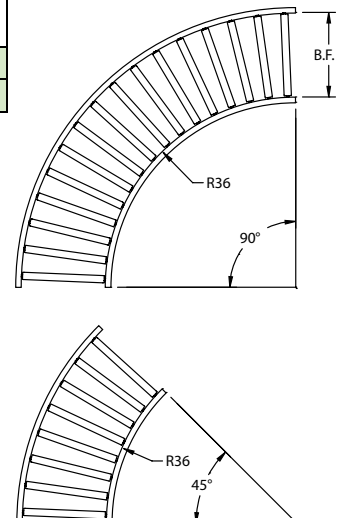
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
11F__EG15B07	7"	1-1/2"	43	85	11F__EG15B15	15"	1-1/2"	66	131	11F__EG15B21	21"	1-1/2"	84	166
11F__EG03B07		3"	30	59	11F__EG03B15		3"	42	82	11F__EG03B21		3"	51	100
11F__EG45B07		4-1/2"	26	51	11F__EG45B15		4-1/2"	34	66	11F__EG45B21		4-1/2"	40	79
11F__EG06B07		6"	23	46	11F__EG06B15		6"	30	58	11F__EG06B21		6"	34	67
11F__EG15B10	10"	1-1/2"	51	101	11F__EG15B16	16"	1-1/2"	69	137	11F__EG15B22	22"	1-1/2"	86	171
11F__EG03B10		3"	34	67	11F__EG03B16		3"	43	85	11F__EG03B22		3"	52	103
11F__EG45B10		4-1/2"	28	56	11F__EG45B16		4-1/2"	34	68	11F__EG45B22		4-1/2"	40	81
11F__EG06B10	6"	26	50	11F__EG06B16	6"	30	59	11F__EG06B22	6"	35	68			
11F__EG15B13	13"	1-1/2"	61	120	11F__EG15B19	19"	1-1/2"	78	155					
11F__EG03B13		3"	39	77	11F__EG03B19		3"	48	94					
11F__EG45B13		4-1/2"	32	63	11F__EG45B19		4-1/2"	38	75					
11F__EG06B13		6"	28	55	11F__EG06B19		6"	33	64					

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.)	Part Number	BF	Roller Centers	Wt. 45 (lbs.)	Wt. 90 (lbs.)
11F__EG15B07	7"	1-1/2"	23	44	11F__EG15B22	22"	1-1/2"	45	88
11F__EG03B07		3"	17	32	11F__EG03B22		3"	28	55
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					

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

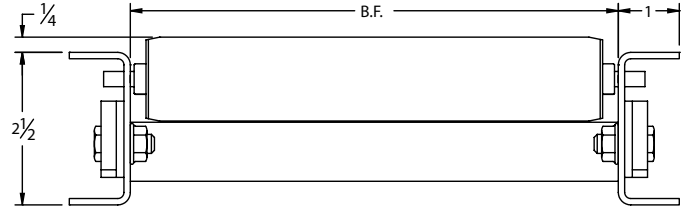
**Capacity:** Weight of section must be included

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	13"	6"	12	24
12F__EA15B13		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	19"	6"	14	28
12F__EA15B19		1-1/2"	39	79
12F__EA03B19		3"	23	42
12F__EA45B19		4-1/2"	18	36
12F__EA06B19		6"	15	30

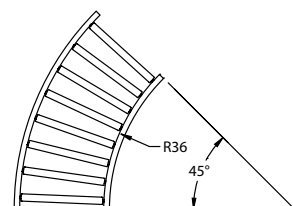
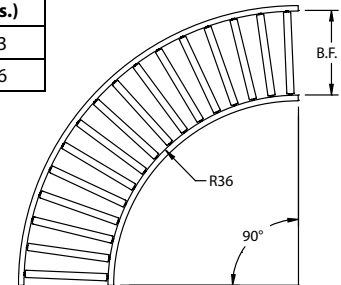
Part Number	BF	Roller Centers	Wt. .5' (lbs.)	Wt. 10' (lbs.)
12F__EA15B21	21"	1-1/2"	42	85
12F__EA03B21		3"	25	50
12F__EA45B21		4-1/2"	19	38
12F__EA06B21		6"	16	32
12F__EA15B22	22"	1-1/2"	44	87
12F__EA03B22		3"	25	51
12F__EA45B22		4-1/2"	19	39
12F__EA06B22		6"	16	33

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:

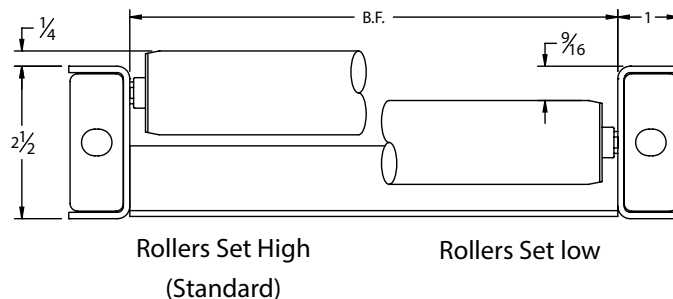
**Frame** 16 Lbs./Ft. on 10' support centers

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

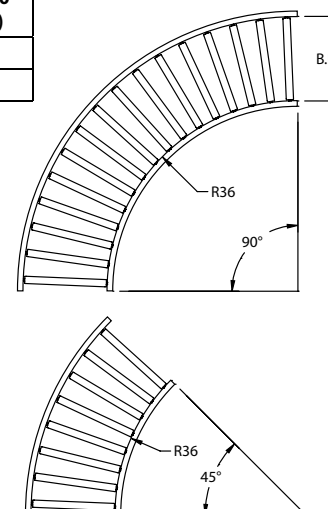
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
2F__EFA15B21	21"	1-1/2"	56	112
2F__EFA03B21		3"	32	63
2F__EFA45B21		4-1/2"	23	47
2F__EFA06B21		6"	19	39
2F__EFA15B22	22"	1-1/2"	58	115
2F__EFA03B22		3"	32	65
2F__EFA45B22		4-1/2"	24	49
2F__EFA06B22		6"	20	40

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

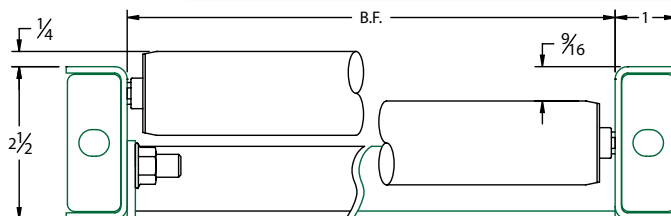
**Capacity:** Weight of section must be included

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

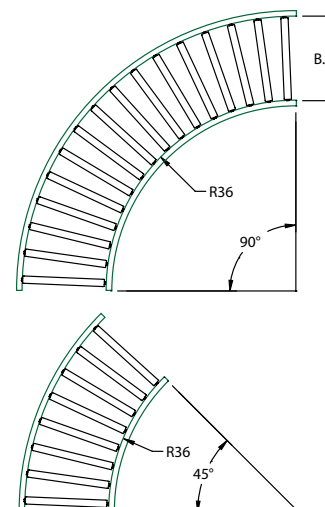
Replace "\_\_" in Part Number with "05" for 5' or "10" for 10' length.

## 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

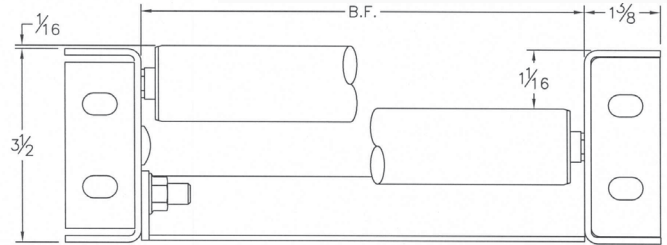
**CG Roller Tube 1-3/8" Dia. x 16 Ga. Frame 3-1/2" x 1-3/8" x 11 Ga. Steel**

## 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



Galvanized Steel Frames Available Use 7F Prefix



Rollers Set High (Standard)

Rollers Set low

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

## 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

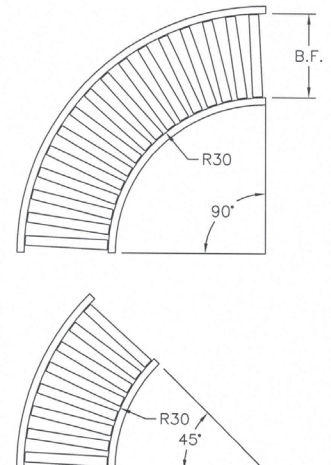
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__CG15B31	31"	1-1/2"	194	388
10F__CG03B31		3"	114	228
10F__CG06B31		6"	74	148
10F__CG15B33	33"	1-1/2"	204	409
10F__CG03B33		3"	119	239
10F__CG06B33		6"	100	154
10F__CG15B36	36"	1-1/2"	220	440
10F__CG03B36		3"	128	255
10F__CG06B36		6"	82	163

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

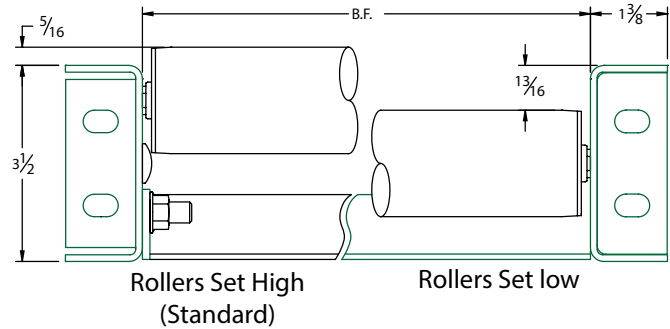
Maximum distributed live load:

**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

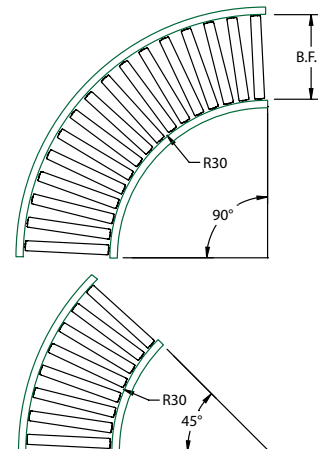
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)	Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
10F__K/KG03B07	7"	3"	55	111	10F__K/KG03B21	21"	3"	102	205	10F__K/KG03B36	36"	3"	153	306
10F__K/KG45B07		4-1/2"	47	92	10F__K/KG45B21		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

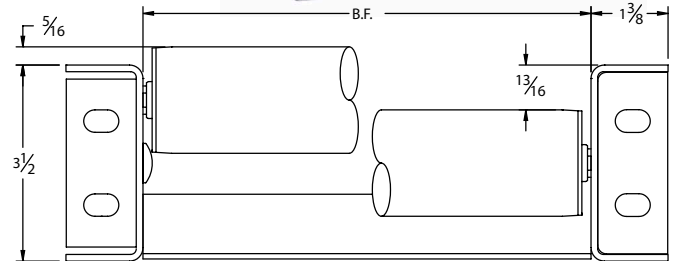
**Capacity:** Weight of section must be included

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	

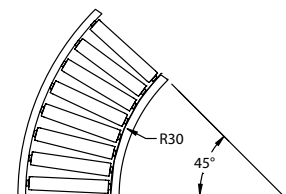
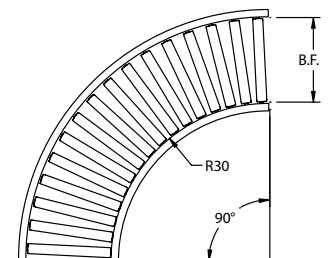
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lb.)
4F__KA03B36	36"	3"	77	154
4F__KA45B36		4-1/2"	56	109
4F__KA06B36		6"	43	86
4F__KA03B37	37"	3"	79	157
4F__KA45B37		4-1/2"	58	112
4F__KA06B37	6"	44	87	
4F__KA03B39	39"	3"	82	164
4F__KA45B39		4-1/2"	60	117
4F__KA06B39	6"	46	91	
4F__KA03B43	43"	3"	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

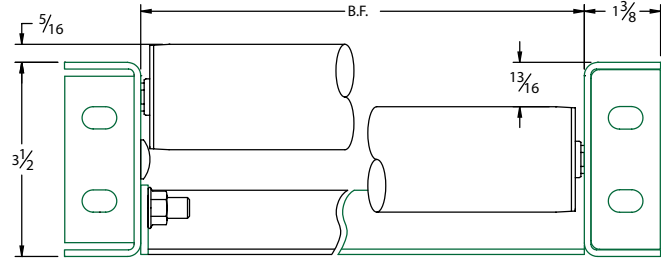
**Capacity:** Weight of section must be included

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
<b>10F__DG03B10</b>	<b>10"</b>	<b>3"</b>	<b>80</b>	<b>159</b>
<b>10F__DG45B10</b>		<b>4-1/2"</b>	<b>64</b>	<b>125</b>
<b>10F__DG06B10</b>		<b>6"</b>	<b>54</b>	<b>107</b>
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
<b>10F__DG03B16</b>	<b>16"</b>	<b>3"</b>	<b>108</b>	<b>216</b>
<b>10F__DG45B16</b>		<b>4-1/2"</b>	<b>84</b>	<b>164</b>
<b>10F__DG06B16</b>		<b>6"</b>	<b>69</b>	<b>137</b>
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
<b>10F__DG03B22</b>	<b>22"</b>	<b>3"</b>	<b>136</b>	<b>272</b>
<b>10F__DG45B22</b>		<b>4-1/2"</b>	<b>104</b>	<b>204</b>
<b>10F__DG06B22</b>		<b>6"</b>	<b>84</b>	<b>167</b>
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

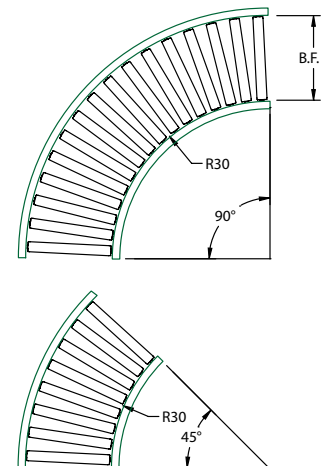
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
<b>10F__DG03B36</b>	<b>36"</b>	<b>3"</b>	<b>202</b>	<b>404</b>
<b>10F__DG45B36</b>		<b>4-1/2"</b>	<b>152</b>	<b>296</b>
<b>10F__DG06B36</b>		<b>6"</b>	<b>119</b>	<b>237</b>
10F__DG03B37	37"	3"	207	413
10F__DG45B37		4-1/2"	155	302
10F__DG06B37		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
<b>10F__DG03B10</b>	<b>10"</b>	<b>3"</b>	<b>35</b>	<b>70</b>
10F__DG03B13	13"	3"	42	83
10F__DG03B15	15"	3"	46	92
<b>10F__DG03B16</b>	<b>16"</b>	<b>3"</b>	<b>48</b>	<b>97</b>
10F__DG03B17	17"	3"	51	101
10F__DG03B19	19"	3"	55	110
10F__DG03B21	21"	3"	59	119
<b>10F__DG03B22</b>	<b>22"</b>	<b>3"</b>	<b>62</b>	<b>123</b>
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
<b>10F__DG03B36</b>	<b>36"</b>	<b>3"</b>	<b>93</b>	<b>186</b>
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

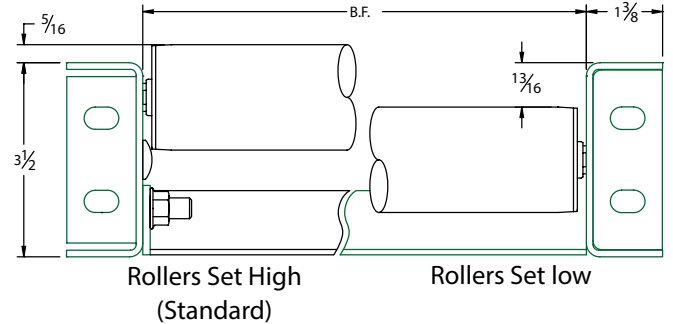
**Crossbraces:** 1-3/4" 11 ga. angle

**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
<b>10F__KD03B10</b>	<b>10"</b>	<b>3"</b>	<b>92</b>	<b>185</b>
<b>10F__KD45B10</b>		<b>4-1/2"</b>	<b>73</b>	<b>142</b>
<b>10F__KD06B10</b>		<b>6"</b>	<b>60</b>	<b>120</b>
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
<b>10F__KD03B16</b>	<b>16"</b>	<b>3"</b>	<b>128</b>	<b>255</b>
<b>10F__KD45B16</b>		<b>4-1/2"</b>	<b>98</b>	<b>199</b>
<b>10F__KD06B16</b>		<b>6"</b>	<b>78</b>	<b>157</b>
10F__KD03B17	17"	3"	133	267
10F__KD45 B17		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
<b>10F__KD03B22</b>	<b>22"</b>	<b>3"</b>	<b>163</b>	<b>325</b>
<b>10F__KD45B22</b>		<b>4-1/2"</b>	<b>123</b>	<b>240</b>
<b>10F__KD06B22</b>		<b>6"</b>	<b>97</b>	<b>194</b>
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

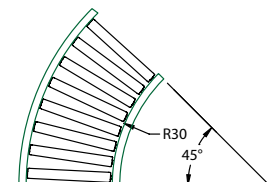
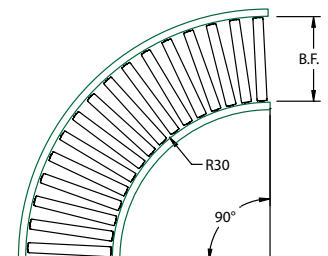
Part Number	BF	Roller Centers	Wt. 5' (Lbs.)	Wt. 10' (lbs.)
<b>10F__KD03B36</b>	<b>36"</b>	<b>3"</b>	<b>245</b>	<b>489</b>
<b>10F__KD45B36</b>		<b>4-1/2"</b>	<b>182</b>	<b>353</b>
<b>10F__KD06B36</b>		<b>6"</b>	<b>140</b>	<b>280</b>
10F__KD03B37	37"	3"	250	500
10F__KD45B37		4-1/2"	186	361
10F__KD06B37		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
<b>10F__KD03B10</b>	<b>10"</b>	<b>3"</b>	<b>40</b>	<b>80</b>
10F__KD03B13	13"	3"	48	96
10F__KD03B15	15"	3"	54	107
<b>10F__KD03B16</b>	<b>16"</b>	<b>3"</b>	<b>56</b>	<b>113</b>
10F__KD03B17	17"	3"	59	118
10F__KD03B19	19"	3"	64	129
10F__KD03B21	21"	3"	70	139
<b>10F__KD03B22</b>	<b>22"</b>	<b>3"</b>	<b>72</b>	<b>145</b>
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
<b>10F__KD03B36</b>	<b>36"</b>	<b>3"</b>	<b>110</b>	<b>220</b>
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.

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# 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

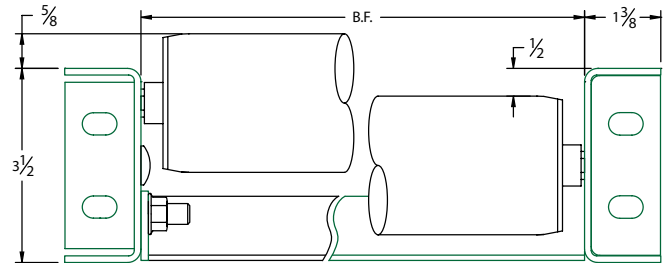
**Roller** Refer to Roller models for capacity



UG Rollers

U Rollers

Galvanized Steel Frames Available Use 7F Prefix



Rollers Set High (Standard)

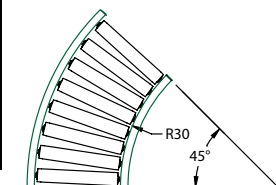
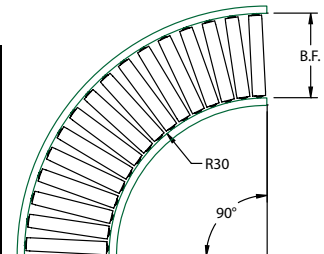
Rollers Set low

## 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:

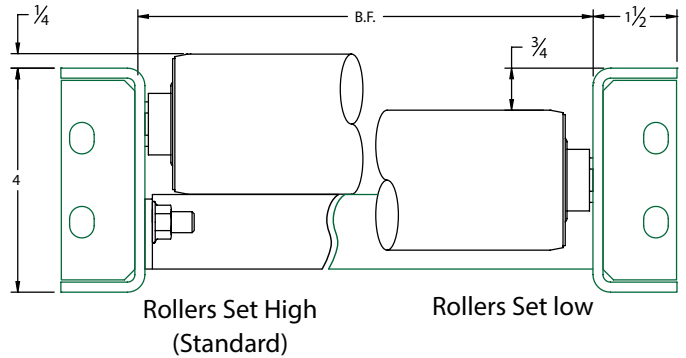
<u>Frame</u>	230 Lbs./Ft. on 10' support centers 1,050 Lbs./Ft. on 5' support centers
<u>Roller</u>	Refer to Roller models for capacity



SG Rollers



S Rollers



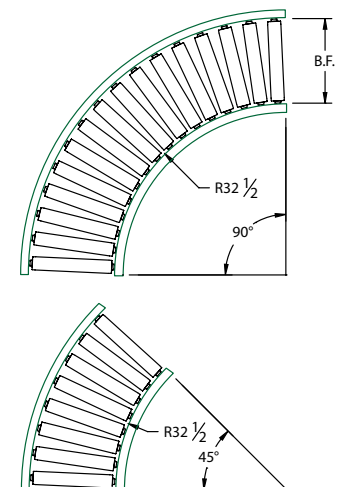
Roller Conveyor

## 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	10"	3"	144	288	14F__S/SG03B22	22"	3"	237	473	14F__S/SG03B37	37"	3"	352	704
14F__S/SG45B10		4-1/2"	115	224	14F__S/SG45B22		4-1/2"	180	351	14F__S/SG45B37		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	13"	3"	167	335	14F__S/SG03B23	23"	3"	244	489	14F__S/SG03B39	39"	3"	368	735
14F__S/SG45B13		4-1/2"	131	256	14F__S/SG45B23		4-1/2"	186	362	14F__S/SG45B39		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	15"	3"	183	365	14F__S/SG03B25	25"	3"	260	519	14F__S/SG03B43	43"	3"	403	806
14F__S/SG45B15		4-1/2"	142	277	14F__S/SG45B25		4-1/2"	197	383	14F__S/SG45B43		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	16"	3"	190	381	14F__S/SG03B27	27"	3"	275	550	14F__S/SG03B47	47"	3"	434	868
14F__S/SG45B16		4-1/2"	148	288	14F__S/SG45B27		4-1/2"	208	404	14F__S/SG45B47		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	17"	3"	198	396	14F__S/SG03B31	31"	3"	306	612	14F__S/SG03B51	51"	3"	465	931
14F__S/SG45B17		4.5"	153	298	14F__S/SG45B31		4-1/2"	230	447	14F__S/SG45B51		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	19"	3"	214	427	14F__S/SG03B33	33"	3"	321	643	Replace "__" in Part Number with "05" for 5' or "10" for 10' length. Select S or SG rollers.				
14F__S/SG45B19		4-1/2"	164	320	14F__S/SG45B33		4-1/2"	241	468					
14F__S/SG06B19		6"	131	262	14F__S/SG06B33		6"	187	374					
14F__S/SG03B21	21"	3"	229	458	14F__S/SG03B36	36"	3"	344	689					
14F__S/SG45B21		4-1/2"	175	341	14F__S/SG45B36		4-1/2"	257	500					
14F__S/SG06B21		6"	139	278	14F__S/SG06B36		6"	199	398					

## 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.

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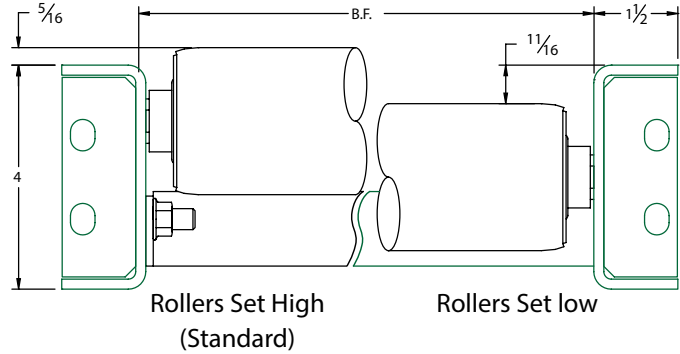
# GRAVITY ROLLER CONVEYOR

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

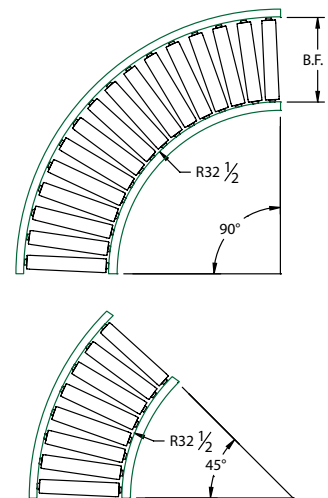
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
14F__T03B37	37"	3"	349	911
14F__T45B37		4-1/2"	260	650
14F__T06B37		6"	201	509
14F__T03B39	39"	3"	364	953
14F__T45B39		4-1/2"	271	679
14F__T06B39		6"	209	531
14F__T03B43	43"	3"	399	1,047
14F__T45B43		4-1/2"	298	745
14F__T06B43		6"	230	583
14F__T03B47	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:

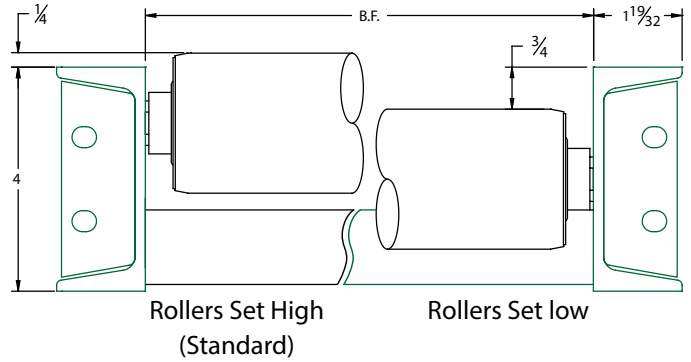
**Frame** 300 Lbs./Ft. on 10' support centers  
1,550 Lbs./Ft. on 5' support centers  
**Roller** Refer to Roller models for capacity



SG Rollers



S Rollers



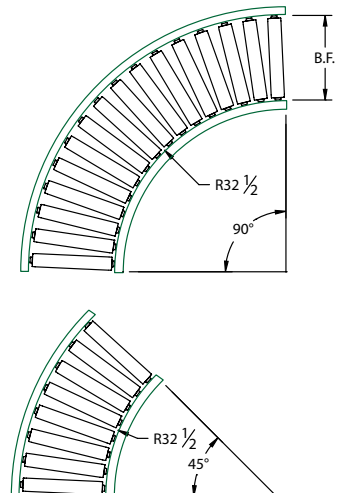
Roller Conveyor

## 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		6"	118	237	5F__S/SG06B23		6"	158	317	5F__S/SG06B39		6"	222	445
5F__S/SG03B15	15"	3"	194	388	5F__S/SG03B25	25"	3"	271	542	5F__S/SG03B43	43"	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		6"	126	253	5F__S/SG06B25		6"	166	333	5F__S/SG06B43		6"	243	486
5F__S/SG03B16	16"	3"	202	404	5F__S/SG03B27	27"	3"	287	573	5F__S/SG03B47	47"	3"	445	891
5F__S/SG45B16		4-1/2"	159	311	5F__S/SG45B27		4-1/2"	219	427	5F__S/SG45B47		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	17"	3"	210	419	5F__S/SG03B31	31"	3"	317	635	5F__S/SG03B51	51"	3"	477	953
5F__S/SG45B17		4-1/2"	164	321	5F__S/SG45B31		4-1/2"	241	470	5F__S/SG45B51		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	19"	3"	225	450	5F__S/SG03B33	33"	3"	333	665	Replace " __ " in Part Number with "05" for 5' or "10" for 10' length. Select S or SG rollers.				
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	21"	3"	240	481	5F__S/SG03B36	36"	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					

## 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.

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# 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

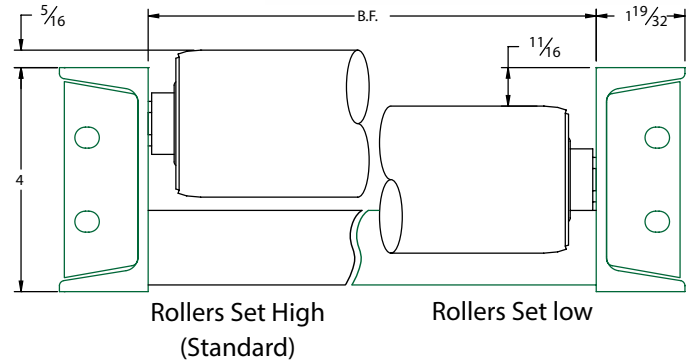
**Coupling:** Butt plate

**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

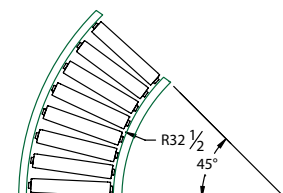
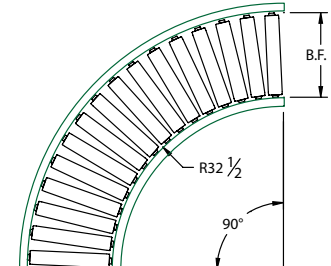
Part Number	BF	Roller Centers	Wt. 5' (lbs.)	Wt. 10' (lbs.)
5F__T03B37	37"	3"	485	969
5F__T45B37		4-1/2"	349	697
5F__T06B37		6"	276	550
5F__T03B39	39"	3"	506	1012
5F__T45B39		4-1/2"	364	726
5F__T06B39		6"	287	572
5F__T03B43	43"	3"	554	1106
5F__T45B43		4-1/2"	397	794
5F__T06B43		6"	313	625
5F__T03B47	47"	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.