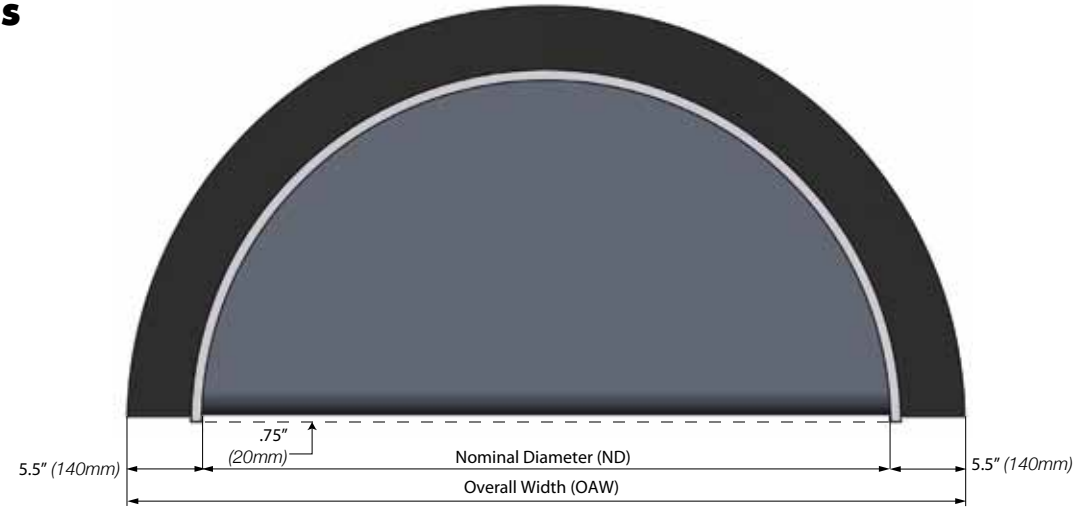


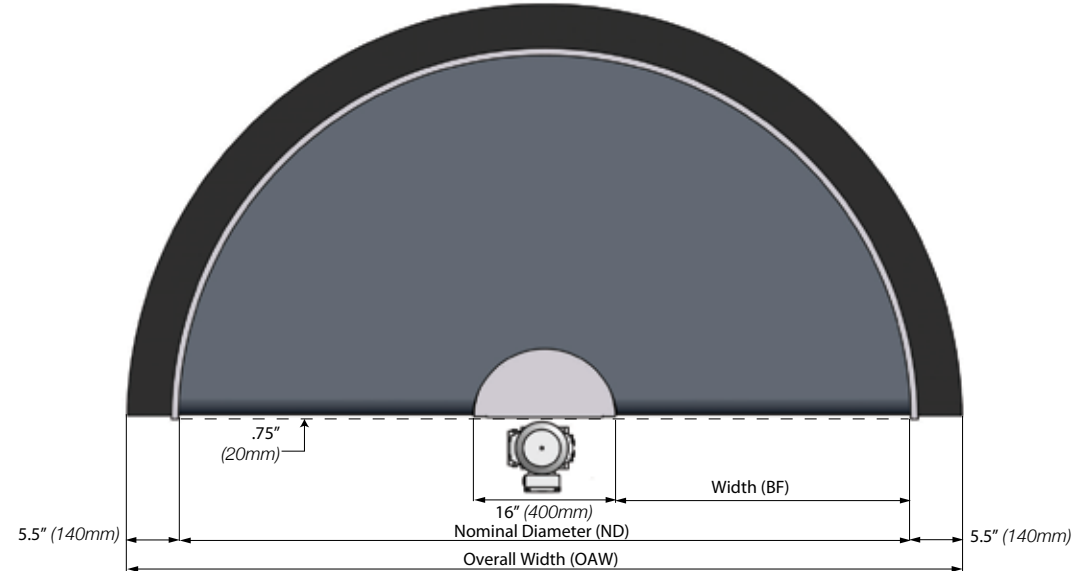
The BM 4096 and BM 4096R are for continuous transfer between parallel lines and 180° change in direction.



**Dimensions**



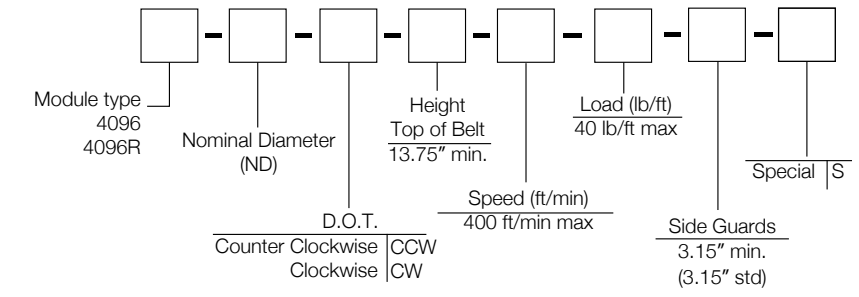
Dimensions Belt Curve BM 4096	
Nominal diameter	31.5" - 55" (800mm - 1400mm)
Overall width	Max. 66" (1676mm)



Dimensions Belt Curve BM 4096R	
Inside diameter (to side guards)	16" (400mm)
Nominal diameter	51" - 157" (1300mm - 4000mm)
Overall width	Max. 168" (4267mm)

**How to order**

Please create the reference number with the following configurator.



Interroll is the most global provider of core products for material handling solutions. Headquartered in Sant'Antonino Switzerland, Interroll is present in more than 30 countries.

Additional sales contacts and addresses are available by visiting [www.interroll.com](http://www.interroll.com)

**USA Manufacturing Center**

Interroll Automation, LLC  
 5035 Keystone Boulevard  
 Jeffersonville, IN 47130  
 Toll free: 800-492-3251  
[us.automation@interroll.com](mailto:us.automation@interroll.com)

Interroll reserves the right to modify the technical characteristics of all its products at any time.

Technical information, dimensions, data and characteristics are provided for reference only.

All products designed and manufactured in the United States of America.

**ORDER INFORMATION**



P/N: BR-4000-APR12-EN-1AU (NICHOLSON)

**INTERROLL  
 POWER BELT CURVES**

BELT CURVES FOR CHANGING PRODUCT DIRECTION AND ZERO OR SMALL INNER RADIUS 180° BELT CURVES

# INTERROLL BELT CURVE BM 4099



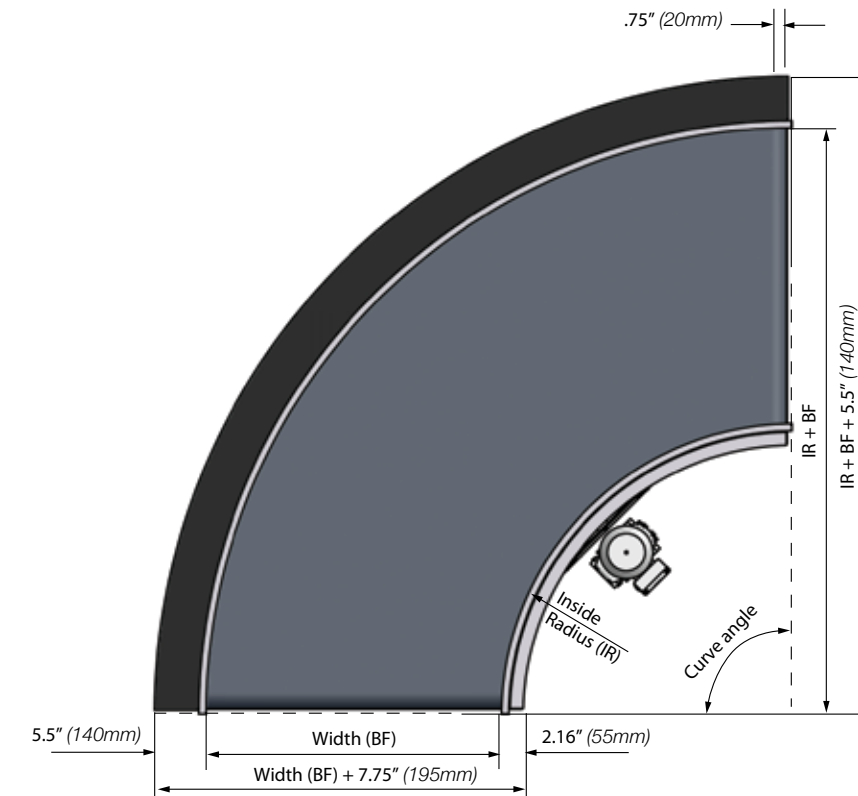
### No lubrication required

The belt is tracked using a bead and bearing arrangement so nothing needs to be lubricated.

### Cylindrical end rollers allow an even gap

Interroll's BM 4099 is the only curve on the market using cylindrical end rollers. This means there is not a large gap to fill between the end rollers of the curve and an adjacent conveyor.

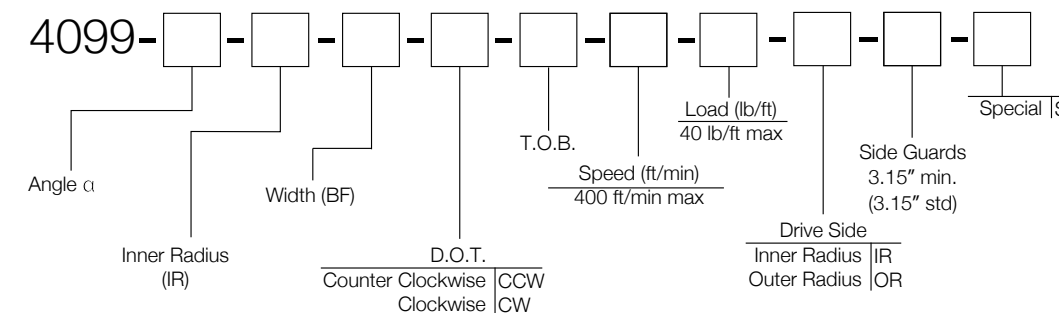
The BM 4099 is used to convey parcels, packages, and soft goods such as polybags when a direction change is required.



Dimensions Belt Curve BM 4099	
Available curve angles	30°, 45°, 60°, 90°, 135°, 180°
Inside Radii available	24" to 98" (600 - 2500mm)
Width (BF) available	12" to 61.5" (300 - 1562mm)

## How to order

Please create a reference number with the following configurator.



# INTERROLL BELT CURVES BM 4096 & BM 4096R



### Higher throughput

Increase your system's throughput by eliminating a chain or belt transfer. These products allow continuous material flow without waiting for a transfer to cycle.

### Under 68 dBa...

Interroll's unique design results in a conveyor that is nearly silent in operation.

### Saves valuable floor space

With zero or small inner radius, inbound and outbound conveyors are able to be placed next to one another.

## Technical Data

### General technical data

Max. load capacity	35 lb/ft (50 kg/m)
Minimum top of belt height	13.75" (350mm)
Maximum speed	400 ft/min (2 m/s)

### Drive

Available voltages	115-230V/1PH/60HZ 230-460V/3PH/60HZ
Motor type	Shaft-mounted gear motor
Drive type	Proportional friction wheel drive
Diameter end rollers	3.15" (80mm) cylindrical

### Materials

Conveyor belt	Endless two-ply polyester fabric with polyurethane cover and polyurethane tracking bead at perimeter
Slider bed	Carbon steel
Support legs	Structural steel

### Side frame

Side frame	Aluminum extrusion, 6.25" (160mm) high
Side guide	Aluminum extrusion or fabricated steel

## Technical Data

### General technical data

Max. load capacity	35 lb/ft (50 kg/m)
Minimum top of belt height	13.75" (350mm)
Maximum speed	400 ft/min (2 m/s)

### Drive

Available voltages	115-230V/1PH/60HZ 230-460V/3PH/60HZ
Motor type	Parallel shaft gear motor (4096) Shaft-mounted gear motor (4096R)
Drive type	Proportional friction wheel drive
Diameter end rollers	3.15" (80mm) cylindrical

### Materials

Conveyor belt	Endless two-ply polyester fabric with polyurethane cover and polyurethane tracking bead at perimeter
Slider bed	Carbon steel
Support legs	Structural steel

### Side frame

Side frame	Aluminum extrusion, 6.25" (160mm) high
Side guide	Aluminum extrusion or fabricated steel