





Conveyor Rollers



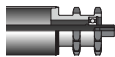



Conveyor Rollers
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Rodillos de Gravedad / Gravity Roller Series

| Series | Name | Configuration | Diameter | Product Features | Page |
|--------|---------------------------|---|------------------|--|---------|
| R101 | Universal gravity roller |  | Ø 50 | Polymer bearing housing, light/medium duty, medium/high speed, low noise | 05 - 07 |
| R111 | Heavy Duty gravity roller |  | Ø 38/50/60/76/89 | Steel bearing housing, heavy duty, medium/high speed, robust, durable | 08 - 12 |

Rodillos Motorizados / Powered Roller Series

| Series | Name | Configuration | Diameter | Product Features | Page |
|----------|---|---|------------|--|---------|
| R201/202 | Single/Double grooved O-belt powered roller |  | Ø 50 | O-belt drive head, light/medium duty, medium/high speed, low noise | 13 - 15 |
| R211 | Poly-V belt powered roller |  | Ø 50 | Poly-V belt drive head, light/medium duty, high speed, low noise | 16 - 18 |
| R221/222 | Steel single/double sprocket powered roller |  | Ø 50/60/76 | Steel sprocket drive head, steel bearing housing, heavy duty, low speed, robust, durable | 19 - 23 |
| R231/232 | Steel single/double sprocket adjustable accumulation powered roller |  | Ø 50/60/76 | Steel sprocket drive head, steel bearing housing, heavy duty, low speed, adjustable accumulation force | 24 - 28 |

Rodillos Cónicos / Tapered Roller Series

| Series | Name | Configuration | Diameter | Product Features | Page |
|--------|--|---|------------|--|---------|
| R301 | Universal tapered sleeve gravity roller |  | Ø 52.9 /56 | Polymer tapered sleeve, light/medium duty, medium/high speed, low noise | 29 - 32 |
| R321 | Poly-V belt tapered sleeve powered roller |  | Ø 52.9 /56 | Polymer poly-V belt drive head, polymer tapered sleeve, light/medium duty, high speed, low noise | 33 - 36 |
| R331 | Steel sprocket tapered sleeve powered roller |  | Ø 52.9 /56 | Steel sprocket drive head, polymer tapered sleeve, medium duty, low speed, robust, durable | 37 - 39 |

Especificación Básica del Producto / Basic Product Spec:

Material del Tubo: acero al carbono, acero inoxidable

Tratamiento Superficial del Tubo y Revestimiento: zincado, galvanizado en caliente, no tratado

Material del Eje: acero al carbono

Tratamiento Superficial del Eje: aceite anticorrosivo, zincado

Tipo de Rodamiento: rodamiento de bolas de precisión standard, juego interno C3, sello tipo RZ

Tube Material: carbon steel, stainless steel, aluminium and PVC.

Tube Surface Treatment and Coating: zinc plating, hot-galvanized, non-treated

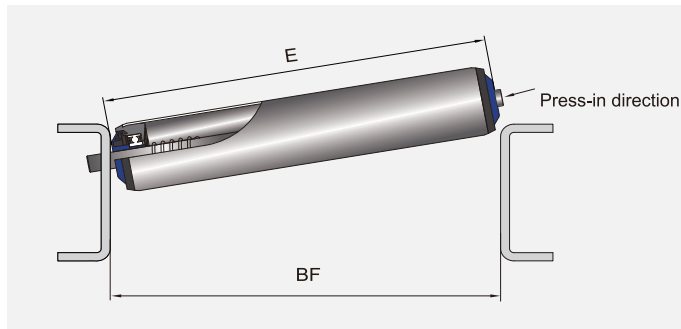
Shaft Material: carbon steel

Shaft Surface Treatment: antirust oil, zinc plating

Bearing Type: standard precision ball bearing, C3 clearance, RZ type sealing

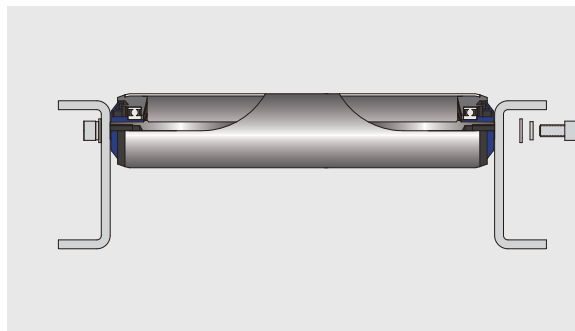
Método de instalación / Installation Method:

Eje Cargado con Resorte / Spring Loaded Shaft



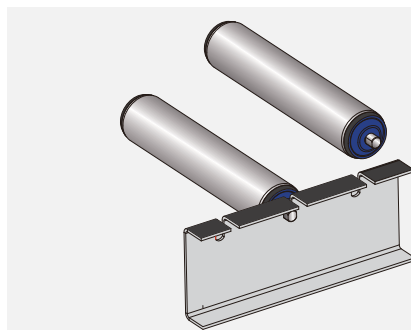
- Se fabrican a partir de barras redondas o hexagonales.
- Se colocan en forma oblicua en agujeros del bastidor presionando el extremo del eje con resorte.
- Son de montaje rápido y fácil.
- They are made out of round bars or hex bars.
- They are installed in oblique position into conveyor frame holes by pressing the spring loaded shaft end.
- They are quick and easy to install.

Eje con Rosca Interna / Internal Threaded Shaft



- Se fabrican a partir de barras redondas o hexagonales.
- Se atornillan firmemente generando una unión solidaria entre el rodillo y el bastidor del transportador.
- Son más silenciosos y poseen menor desgaste que sus pares.
- Son de montaje lento.
- They are made out of round bars or hex bars.
- They are screwed firmly generating a fixed connection between the roller and the conveyor frame.
- They make less noise and suffer less wear than its peers.
- They are slow to install.

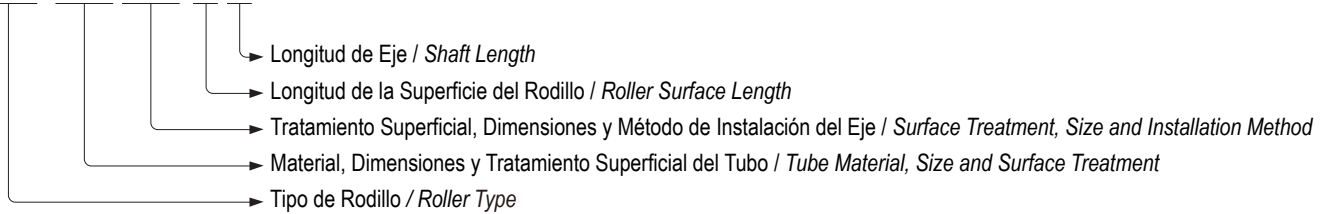
Eje con Caras Fresadas / Milled Flatted Shaft



- Se fabrican a partir de barras redondas y poseen dos caras fresadas paralelas en sus extremos.
- Se colocan desde arriba en agujeros abiertos longitudinales que posee el bastidor.
- Son de montaje rápido y fácil.
- They are made out of round bars and have two parallel milled surfaces at the shaft ends.
- They are fitted into conveyor frames with open longitudinal holes.
- Quick and easy installation.

Número de parte del Rodillo / Roller Part Number

R101. C1A. A1A. W. L



- **R101:** Tipo de Rodillo / Roller Type

| | |
|--|---|
| R101 — Universal gravity roller | R201 — Single/Double grooved O-belt powered roller |
| R111 — Heavy duty gravity roller | R202 — Single/Double grooved O-belt powered roller |
| R301 — Universal tapered sleeve gravity roller | R211 — Poly-V belt powered roller |
| R311 — Double grooved O-belt tapered sleeve powered roller | R221 — Steel single sprocket powered roller |
| R321 — Poly-V belt tapered sleeve powered roller | R222 — Steel double sprocket powered roller |
| R331 — Steel sprocket tapered sleeve powered roller | R231 — Steel single sprocket adjustable accumulation powered roller |
| | R232 — Steel double sprocket adjustable accumulation powered roller |

- **C1A:** Material, Dimensiones y Tratamiento Superficial del Tubo / Tube Material, Size and Surface Treatment

C: Material

| | |
|-------------------------------|------------------------------|
| C — Carbon steel tube | S — Stainless steel 304 tube |
| H — Hot-galvanized steel tube | J — Stainless steel 201 tube |

1: Diameter and thickness

| | | | | | |
|--------------|------------|------------|--------------|--------------|--------------|
| 1 — Ø 50x1.5 | 2 — Ø 60x2 | 3 — Ø 76x3 | 4 — Ø 38x1.2 | 5 — Ø 50x2.0 | 6 — Ø 89x3.0 |
|--------------|------------|------------|--------------|--------------|--------------|

A1: Surface treatment (including surface attachments)

| | |
|-------------------------|-----------------|
| A — Closed zinc plating | C — Non-treated |
| B — Common zinc plating | |

- **A1A:** Tratamiento Superficial, Dimensiones y Método de Instalación del Eje / Surface Treatment, Size and Installation Method

A: Diameter and thickness

| | |
|------------------|------------------|
| A — Antirust oil | B — Zinc plating |
|------------------|------------------|

1: Diameter

| | | | |
|----------|----------|----------|------------------------|
| 1 — Ø 12 | 2 — Ø 15 | 3 — Ø 20 | 4 — 11 hex (Hexagonal) |
|----------|----------|----------|------------------------|

A: Installation method

| | |
|-------------------------|--|
| A — Spring Loaded | D — Milling Round Flat |
| B — Internal Thread | E — Milling Round Flat & Internal Thread |
| C — Double Milling Flat | |

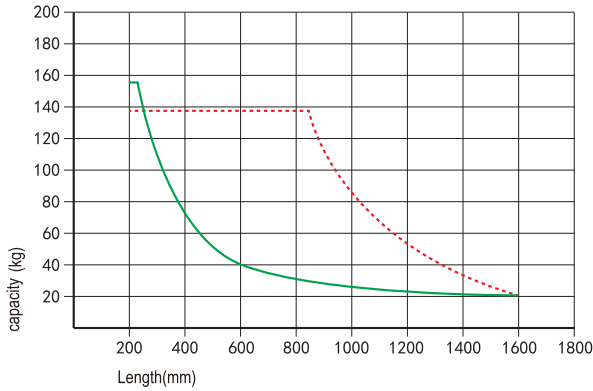
- **W:** Longitud de la Superficie del Rodillo / Roller Surface Length

- **L:** Longitud de Eje / Shaft Length

🔔 If you do not find the model you need in the standard selection form, please contact us

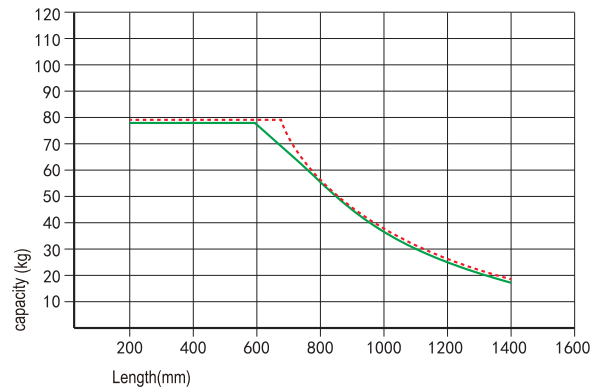
Capacidad de Carga del Rodillo / Roller Load Capacity

R101 series load capacity



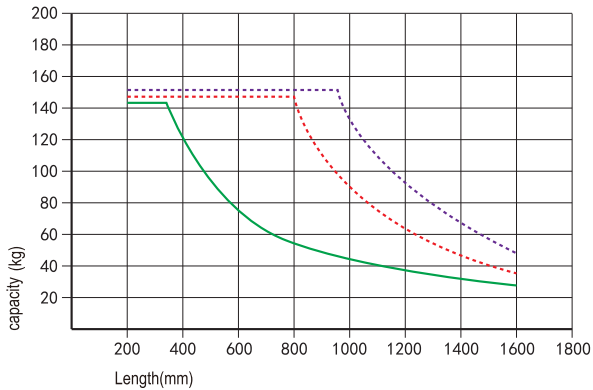
- Steel tube ϕ 50x1.5, shaft ϕ 12, internal thread
- Steel tube ϕ 50x1.5, shaft ϕ 12, spring loaded

R111 series load capacity



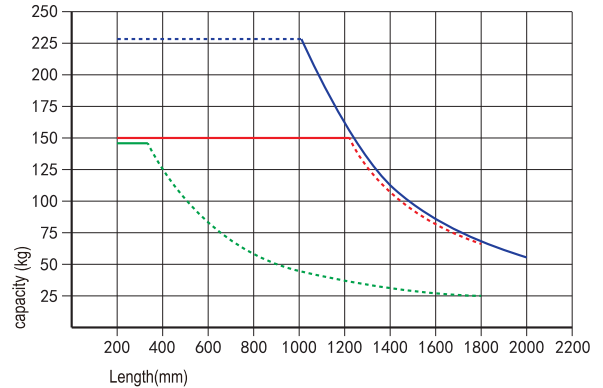
- Steel tube ϕ 38x1.2, shaft ϕ 12, internal thread
- Steel tube ϕ 38x1.2, shaft ϕ 12, spring loaded

R111/R221/R222 series load capacity



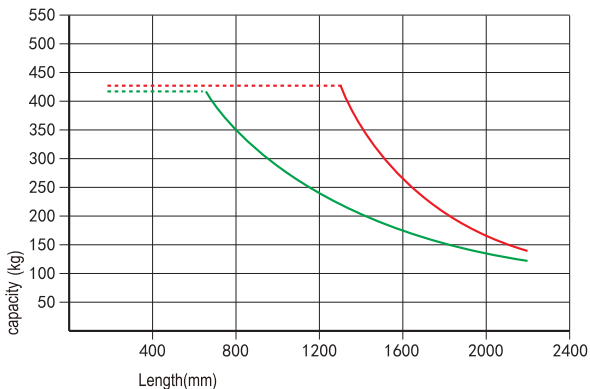
- Steel tube ϕ 50x1.5, shaft ϕ 12, internal thread
- Steel tube ϕ 50x1.5/ ϕ 50x2.0, shaft ϕ 12, spring loaded
- Steel tube ϕ 50x2.0, shaft ϕ 12, internal thread

R111/R221/R222 series load capacity



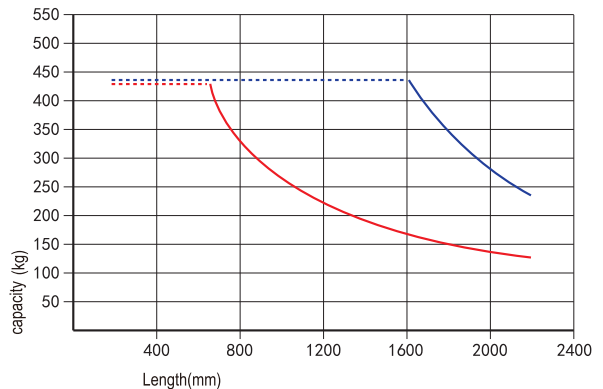
- Steel tube ϕ 60x2.0, shaft ϕ 12, internal thread
- Steel tube ϕ 60x2.0, shaft ϕ 12, spring loaded
- Steel tube ϕ 60x2.0, shaft ϕ 15, internal thread

R111/R221/R222 series load capacity



- Steel tube ϕ 76x3.0, shaft ϕ 20, internal thread
- Steel tube ϕ 76x3.0, shaft ϕ 20, spring loaded

R111/R222 series load capacity



- Steel tube ϕ 89x3.0, shaft ϕ 20, internal thread
- Steel tube ϕ 89x3.0, shaft ϕ 20, spring loaded

▲ Above data shows the static load capacity of the roller for a uniformly distributed load.



R101 Series

Universal Gravity Roller

■ **Ámbito de Aplicación / Application Area**

Comúnmente utilizado para aplicaciones de transporte de cajas de servicio liviano y mediano. Adecuado para aplicaciones de alta velocidad.

*It is commonly used for light/medium duty carton conveying applications.
Suitable for high speed applications.*

Rango de temperatura / *Temperature range*: - 5°C ~ + 40°C

■ **Características / Features**

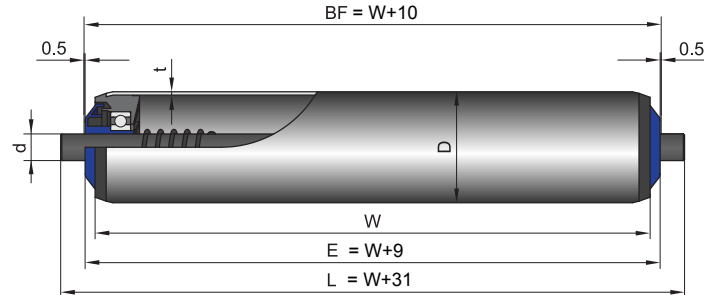
- Funcionamiento silencioso gracias a la utilización de rodamientos de bolas de precisión.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.
- *Low-noise running thanks to the use of precision ball bearings fixed in polymer housing.*
- *Good protection against dirt and water thanks to the end cap design.*

■ **Especificaciones / Specifications**

- Bearing Housing: Polyamide, Black.
- End Cap: Polypropylene, ETON Blue.
- Precision Ball Bearing: Deep Groove Ball Bearing 6001.

R101 Series

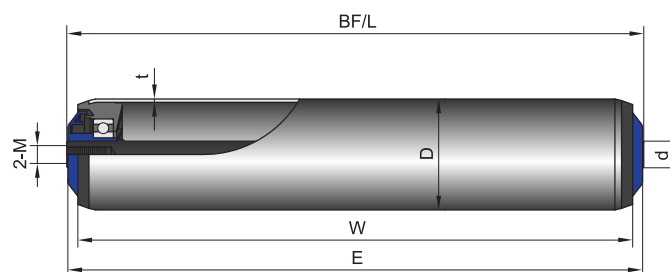
Spring loaded



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------|-------|--------|
| | | | Ø12mm | 11Hex | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R101.C1A.A1A | R101.C1A.A4A | W+10mm | W+9mm | W+31mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R101.S1C.B1A | R101.S1A.B4A | W+10mm | W+9mm | W+31mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R101.J1C.B1A | R101.J1A.B4A | W+10mm | W+9mm | W+31mm |

R101 Series

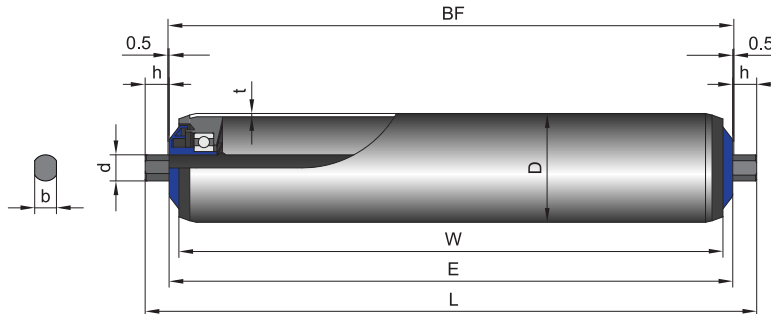
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | BF | E | L |
|---------------------|---------------|---------------|----------------|--------|-------|--------|
| | | | Ø12mm (M8x15) | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R101.C1A.A1B | W+11mm | W+9mm | W+11mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R101.S1C.B1B | W+11mm | W+9mm | W+11mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R101.J1C.B1B | W+11mm | W+9mm | W+11mm |

R101 Series

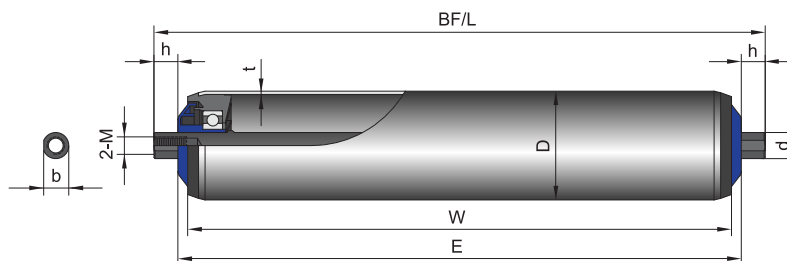
Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | BF | E | L |
|---------------------|---------------|---------------|---------------------|--------|-------|--------|
| | | | Ø12mm (b/h=10/11mm) | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R101.C1A.A1C | W+10mm | W+9mm | W+31mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R101.S1C.B1C | W+10mm | W+9mm | W+31mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R101.J1C.B1C | W+10mm | W+9mm | W+31mm |

R101 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | BF | E | L |
|---------------------|---------------|---------------|---------------------|--------|-------|--------|
| | | | Ø12mm (b/h=10/11mm) | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R101.C1A.A1E | W+31mm | W+9mm | W+31mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R101.S1C.B1E | W+31mm | W+9mm | W+31mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R101.J1C.B1E | W+31mm | W+9mm | W+31mm |



R111 Series

Heavy Duty Gravity Roller

Ámbito de Aplicación / Application Area

Comunmente utilizado para aplicaciones de transporte de cajas de servicio mediano y pesado. Adecuado para aplicaciones de alta velocidad y para aplicaciones en temperatura ambiente extrema.

*It is commonly used for medium/heavy duty carton conveying applications.
Suitable for high speed applications and for extreme ambient temperature applications.*

Rango de temperatura / Temperature range: - 20°C ~ + 80°C

Características / Features

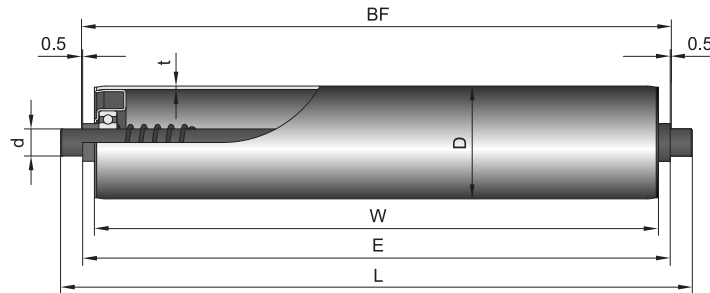
- Funcionamiento silencioso gracias a la utilización de rodamientos de bolas de precisión.
 - Posee alta capacidad de carga gracias al uso de cajas de rodamientos de acero estampadas.
 - Puede ser expuesto a temperatura ambiente extrema.
 - Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.
- Low-noise running thanks to the use of precision ball bearings.
• High load capacity thanks to the use of steel stamped bearing housing.
• Can be exposed to extreme ambient temperature.
• Good protection against dirt and water thanks to the end cap design.*

Especificaciones / Specifications

- Bearing Housing: Steel, Zinc Plated.
- End Cap: N/A
- Precision Ball Bearing: Deep Groove Ball Bearing 6001 / 6002 / 6004.

R111 Series

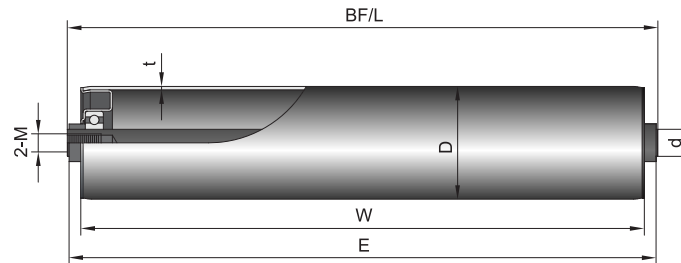
Spring loaded



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------------|--------|--------|--------|
| | | | Ø12mm | Ø15mm | Ø20mm | | | |
| Steel, zinc plated | Ø 38mm | 1.2 mm | R111.C4A.A1A | | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R111.C1A.A1A | | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R111.C5A.A1A | | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R111.C2A.A1A | R111.C2A.A2A | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R111.C3A.A3A | W+11mm | W+10mm | W+40mm |
| Steel, zinc plated | Ø 89mm | 3.0 mm | | | R111.C6A.A3A | W+11mm | W+10mm | W+40mm |
| Stainless Steel 304 | Ø 38mm | 1.2 mm | R111.S4C.B1A | | | W+11mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R111.S1C.B1A | | | W+11mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R111.S2C.B1A | R111.S2C.B2A | | W+11mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 76mm | 3.0 mm | | | R111.S3C.B3A | W+11mm | W+10mm | W+40mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R111.J1C.B1A | | | W+11mm | W+10mm | W+32mm |

R111 Series

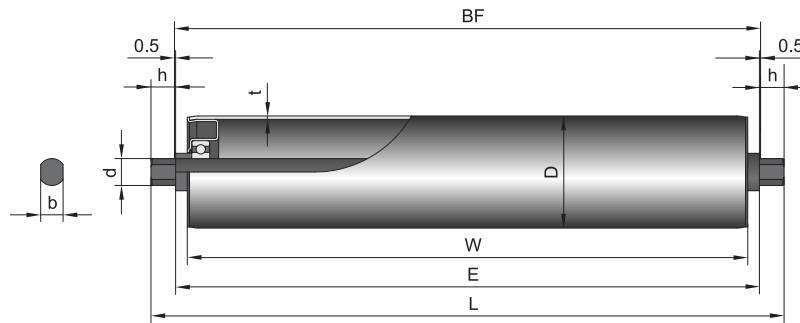
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------------|--------|--------|--------|
| | | | Ø12mm | Ø15mm | Ø20mm | | | |
| Steel, zinc plated | Ø 38mm | 1.2 mm | R111.C4A.A1B | | | W+11mm | W+10mm | W+11mm |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R111.C1A.A1B | | | W+11mm | W+10mm | W+11mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R111.C5A.A1B | | | W+11mm | W+10mm | W+11mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R111.C2A.A1B | R111.C2A.A2B | | W+11mm | W+10mm | W+11mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R111.C3A.A3B | W+11mm | W+10mm | W+11mm |
| Steel, zinc plated | Ø 89mm | 3.0 mm | | | R111.C6A.A3B | W+11mm | W+10mm | W+11mm |
| Stainless Steel 304 | Ø 38mm | 1.2 mm | R111.S4C.B1B | | | W+11mm | W+10mm | W+11mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R111.S1C.B1B | | | W+11mm | W+10mm | W+11mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R111.S2C.B1B | R111.S2C.B2B | | W+11mm | W+10mm | W+11mm |
| Stainless Steel 304 | Ø 76mm | 3.0 mm | | | R111.S3C.B3B | W+11mm | W+10mm | W+11mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R111.J1C.B1B | | | W+11mm | W+10mm | W+11mm |

R111 Series

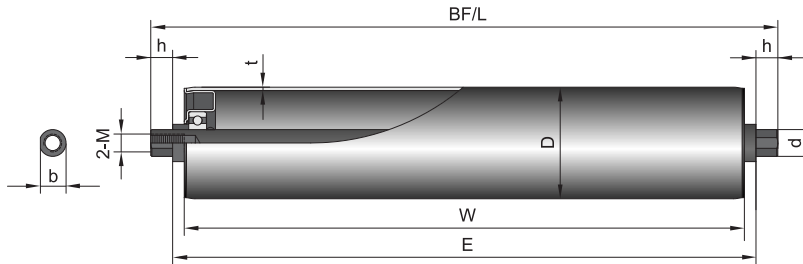
Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------------|--------|--------|--------|
| | | | Ø12mm | Ø15mm | Ø20mm | | | |
| Steel, zinc plated | Ø 38mm | 1.2 mm | R111.C4A.A1C | | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R111.C1A.A1C | | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R111.C5A.A1C | | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R111.C2A.A1C | R111.C2A.A2C | | W+11mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R111.C3A.A3C | W+11mm | W+10mm | W+40mm |
| Steel, zinc plated | Ø 89mm | 3.0 mm | | | R111.C6A.A3C | W+11mm | W+10mm | W+40mm |
| Stainless Steel 304 | Ø 38mm | 1.2 mm | R111.S4C.B1C | | | W+11mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R111.S1C.B1C | | | W+11mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R111.S2C.B1C | R111.S2C.B2C | | W+11mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 76mm | 3.0 mm | | | R111.S3C.B3C | W+11mm | W+10mm | W+40mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R111.J1C.B1C | | | W+11mm | W+10mm | W+32mm |

R111 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------------|--------|--------|--------|
| | | | Ø12mm | Ø15mm | Ø20mm | | | |
| Steel, zinc plated | Ø 38mm | 1.2 mm | R111.C4A.A1E | | | W+32mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R111.C1A.A1E | | | W+32mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R111.C5A.A1E | | | W+32mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R111.C2A.A1E | R111.C2A.A2E | | W+32mm | W+10mm | W+32mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R111.C3A.A3E | W+40mm | W+10mm | W+40mm |
| Steel, zinc plated | Ø 89mm | 3.0 mm | | | R111.C6A.A3E | W+40mm | W+10mm | W+40mm |
| Stainless Steel 304 | Ø 38mm | 1.2 mm | R111.S4C.B1E | | | W+32mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R111.S1C.B1E | | | W+32mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R111.S2C.B1E | R111.S2C.B2E | | W+32mm | W+10mm | W+32mm |
| Stainless Steel 304 | Ø 76mm | 3.0 mm | | | R111.S3C.B3E | W+40mm | W+10mm | W+40mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R111.J1C.B1E | | | W+32mm | W+10mm | W+32mm |



R201



R202

R201/R202 Series

Single/Double Grooved O-belt Powered Roller

Ámbito de Aplicación / Application Area

Comúnmente utilizado para aplicaciones de transporte de cajas de servicio liviano y mediano. Adecuado para aplicaciones de alta velocidad.

It is commonly used for light/medium duty carton conveying applications. Suitable for high speed applications.

Rango de temperatura / Temperature range: - 5°C ~ + 40°C

Características / Features

- Funcionamiento silencioso gracias a la utilización de rodamientos de bolas de precisión.
- La ubicación y número de ranuras puede ser customizada.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.

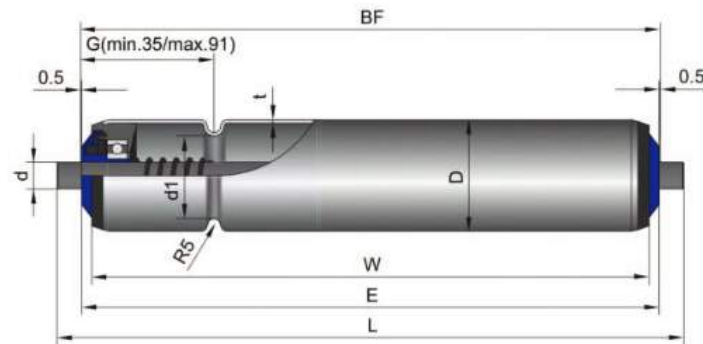
- *Low-noise running thanks to the use of precision ball bearings.*
- *The location and number of grooves can be customized.*
- *Good protection against dirt and water thanks to the end cap design.*

Especificaciones / Specifications

- Bearing Housing: Polyamide, Black
- End Cap: Polypropylene, ETON Blue
- Precision Ball Bearing: Deep Groove Ball Bearing 6001

R201 Series

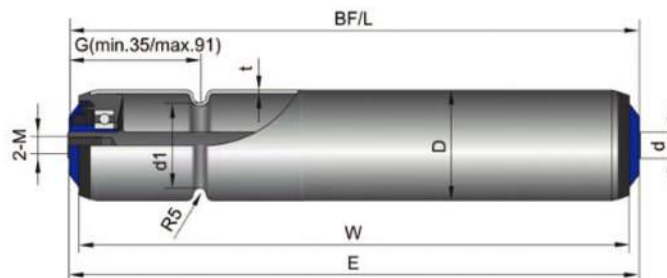
Spring loaded



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------|-------|--------|
| | | | Ø12mm | 11Hex | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R201.C1A.A1A | R201.C1A.A4A | W+10mm | W+9mm | W+31mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R201.S1C.B1A | R201.S1A.B4A | W+10mm | W+9mm | W+31mm |

R201 Series

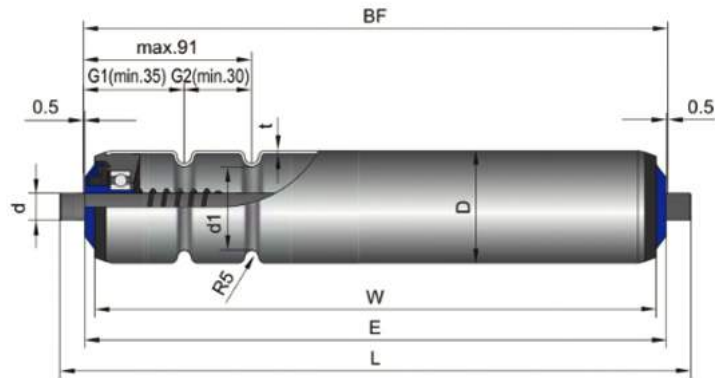
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | BF | E | L |
|---------------------|---------------|---------------|----------------|--|--------|-------|--------|
| | | | Ø12mm (M8x15) | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R201.C1A.A1B | | W+10mm | W+9mm | W+10mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R201.S1C.B1B | | W+10mm | W+9mm | W+10mm |

R202 Series

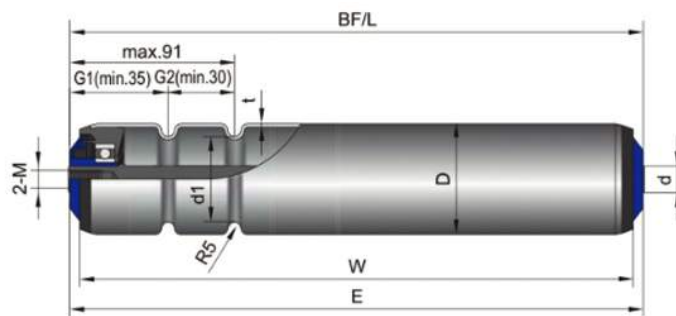
Spring loaded



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------|-------|--------|
| | | | Ø12mm | 11Hex | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R202.C1A.A1A | R202.C1A.A4A | W+10mm | W+9mm | W+31mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R202.S1C.B1A | R202.S1A.B4A | W+10mm | W+9mm | W+31mm |

R202 Series

Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | BF | E | L |
|---------------------|---------------|---------------|----------------|--|--------|-------|--------|
| | | | Ø12mm (M8x15) | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R202.C1A.A1B | | W+10mm | W+9mm | W+10mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R202.S1C.B1B | | W+10mm | W+9mm | W+10mm |



R211 Series

Poly-V Belt Powered Roller

■ **Ámbito de Aplicación / Application Area**

Comúnmente utilizado para aplicaciones de transporte de cajas de servicio liviano y mediano. El cabezal de accionamiento poly-V permite transmitir mayor par de giro que el del tipo O-belt. Adecuado para aplicaciones de alta velocidad.

*It is commonly used for light/medium duty carton conveying applications.
The poly-V belt drive head drive allows transferring higher torque than O-belt drive head.
Suitable for high speed applications.*

Rango de temperatura / *Temperature range*: - 5°C ~ + 40°C

■ **Características / Features**

- Funcionamiento silencioso gracias a la utilización de rodamientos de bolas de precisión.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.

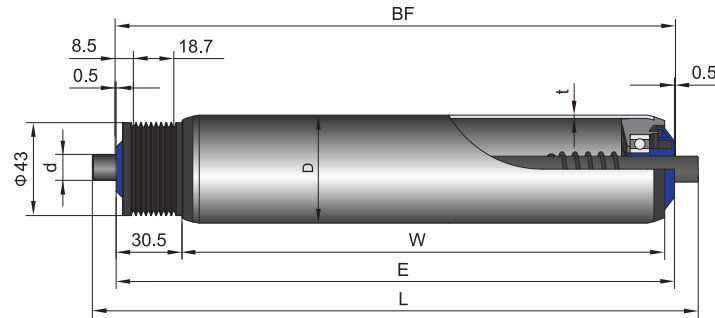
- *Low-noise running thanks to the use of precision ball bearings.*
- *Good protection against dirt and water thanks to the end cap design.*

■ **Especificaciones / Specifications**

- Bearing Housing: Polyamide, Black
- End Cap: Polyproylene, ETON Blue
- Precision Ball Bearing: Deep Groove Ball Bearing 6001
- Drive Head: Polyamide, Black

R211 Series

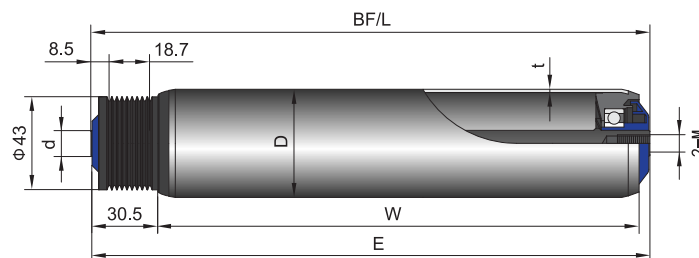
Spring loaded



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | BF | E | L |
|---------------------|---------------|---------------|----------------|--------------|--------|--------|--------|
| | | | Ø12mm | 11Hex | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R211.C1A.A1A | R211.C1A.A4A | W+36mm | W+35mm | W+57mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R211.S1C.B1A | R211.S1A.B4A | W+36mm | W+35mm | W+57mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R211.J1C.B1A | R211.J1A.B4A | W+36mm | W+35mm | W+57mm |

R211 Series

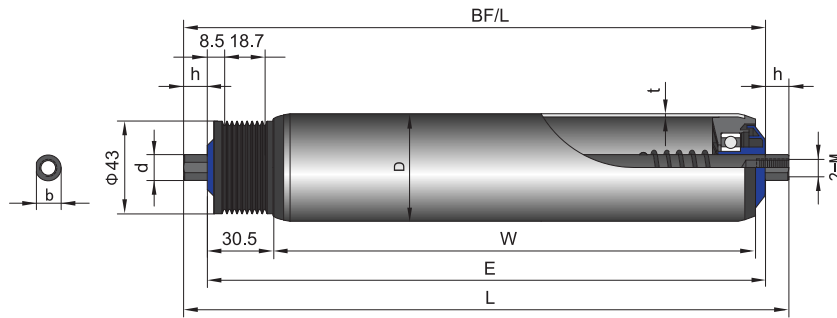
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | BF | E | L |
|---------------------|---------------|---------------|----------------|--------|--------|--------|
| | | | Ø12mm (M8X15) | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R211.C1A.A1B | W+37mm | W+35mm | W+37mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R211.S1C.B1B | W+37mm | W+35mm | W+37mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R211.J1C.B1B | W+37mm | W+35mm | W+37mm |

R211 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | BF | E | L |
|---------------------|---------------|---------------|-----------------------------|--------|--------|--------|
| | | | Ø12mm(b/h=11.5/11mm)(M8x15) | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R211.C1A.A1E | W+57mm | W+35mm | W+57mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R211.S1C.B1E | W+57mm | W+35mm | W+57mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R211.J1C.B1E | W+57mm | W+35mm | W+57mm |



R221



R222

R221/R222 Series

Steel Single/Double Sprocket Powered Roller

Ámbito de Aplicación / Application Area

Comúnmente utilizado para aplicaciones de transporte de cajas y pallets de servicio pesado. El cabezal de accionamiento mediante piñón soldado permite transmitir alto par de giro y provee una solución robusta. Adecuado para aplicaciones de baja velocidad y para aplicaciones en temperatura ambiente extrema.

It is commonly used for heavy duty carton and pallet conveying applications. The welded steel sprocket drive head drive allows transferring high torque and provides a robust solution. Suitable for low speed applications and for extreme ambient temperature applications.

Rango de temperatura / Temperature range: - 20°C ~ + 80°C

Características / Features

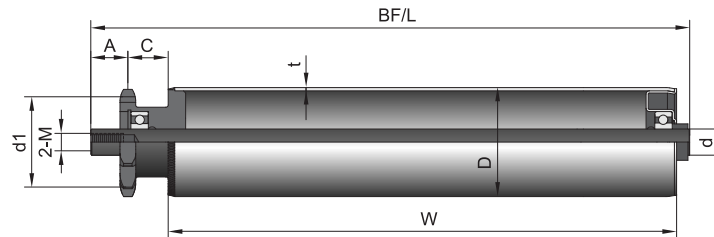
- Robusto y durable.
- Posee alta capacidad de carga gracias al uso de cajas de rodamientos de acero estampadas.
- Puede ser expuesto a temperatura ambiente extrema.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.
- *Robust and durable.*
- *High load capacity thanks to the use of steel stamped bearing housing.*
- *Can be exposed to extreme ambient temperature.*
- *Good protection against dirt and water thanks to the end cap design.*

Especificaciones / Specifications

- Bearing Housing: Steel, Zinc Plated
- End Cap: N/A
- Precision Ball Bearing: Deep Groove Ball Bearing 6001 / 6002 / 6004
- Sprocket: Steel, Zinc Plated

R221 Series

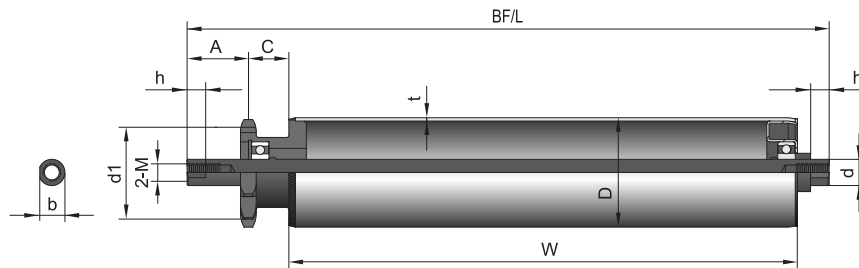
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | C | d1 |
|---------------------|---------------|---------------|----------------|----------------|----------------|--------|---------------|-------|--------|----------|
| | | | Ø12mm (M8x15) | Ø15mm (M10x20) | Ø20mm (M12x25) | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R221.C1A.A1B | | | W+41mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R221.C5A.A1B | | | W+41mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R221.C2A.A1B | R221.C2A.A2B | | W+41mm | 08B14T | 17mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R221.C3A.A3B | W+41mm | 10A13T | 20mm | 18.5mm | Ø66.33mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R221.S1C.B1B | | | W+41mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R221.S2C.B1B | R221.S2C.B3B | | W+41mm | 08B14T | 17mm | 18.5mm | Ø57.07mm |
| Stainless Steel 304 | Ø 76mm | 3.0 mm | | | R221.S3C.B3B | W+41mm | 10A13T | 20 mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R221.J1C.B1B | | | W+41mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |

R221 Series

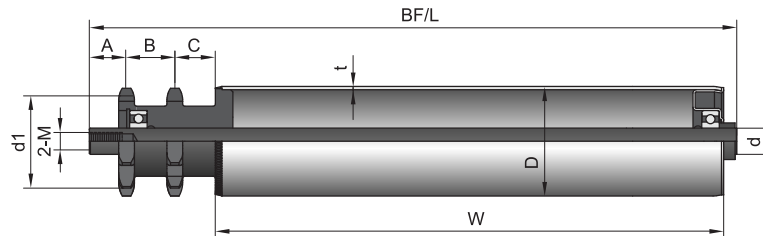
Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | C | d1 |
|---------------------|---------------|---------------|------------------------------------|-----------------------------------|------------------------------------|--------|---------------|-------|--------|----------|
| | | | Ø12mm (b/h=11.5/8.5) (M8x15) | Ø15mm (b/h=13/8.5) (M10x20) | Ø20mm (b/h=18/10.5) (M12x25) | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R221.C1A.A1E | | | W+57mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R221.C5A.A1E | | | W+57mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R221.C2A.A1E | R221.C2A.A2E | | W+57mm | 08B14T | 25mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R221.C3A.A3E | W+57mm | 10A13T | 30mm | 18.5mm | Ø66.33mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R221.S1C.B1E | | | W+57mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R221.S2C.B1E | R221.S2C.B3E | | W+57mm | 08B14T | 25mm | 18.5mm | Ø57.07mm |
| Stainless Steel 304 | Ø 76mm | 3.0 mm | | | R221.S3C.B3E | W+57mm | 10A13T | 30 mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R221.J1C.B1E | | | W+57mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |

R222 Series

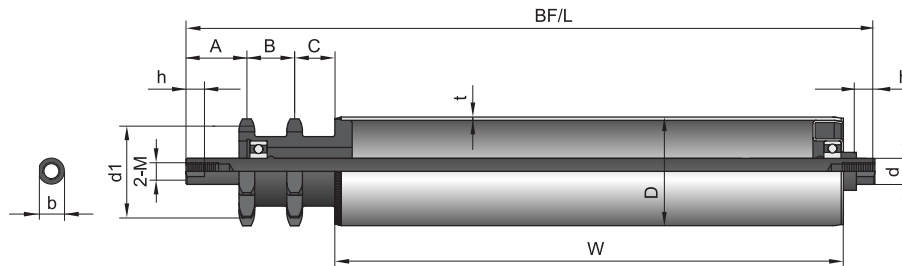
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | C | d1 |
|---------------------|---------------|---------------|----------------|----------------|----------------|--------|---------------|------|--------|----------|
| | | | Ø12mm (M8x15) | Ø15mm (M10x20) | Ø20mm (M12x25) | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R222.C1A.A1B | | | W+63mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R222.C5A.A1B | | | W+63mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R222.C2A.A1B | R222.C2A.A2E | | W+63mm | 08B14T | 17mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R222.C3A.A3B | W+63mm | 10A13T | 20mm | 18.5mm | Ø66.33mm |
| Stainless Steel 304 | Ø 89mm | 3.0 mm | | | R222.C6A.A3B | W+63mm | 10B15T | 20mm | 18.5mm | Ø76.35mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R222.S1C.B1B | | | W+63mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R222.S2C.B1B | R222.S2C.B2B | | W+63mm | 08B14T | 17mm | 18.5mm | Ø57.07mm |
| Stainless Steel 201 | Ø 76mm | 3.0 mm | | | R222.S3C.B3B | W+63mm | 10A13T | 20mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R222.J1C.B1B | | | W+63mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |

R222 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | C | d1 |
|---------------------|---------------|---------------|------------------------------------|-----------------------------------|------------------------------------|--------|---------------|------|--------|----------|
| | | | Ø12mm (b/h=11.5/8.5) (M8x15) | Ø15mm (b/h=13/8.5) (M10x20) | Ø20mm (b/h=18/10.5) (M12x25) | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R222.C1A.A1E | | | W+79mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 50mm | 2.0 mm | R222.C5A.A1E | | | W+79mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R222.C2A.A1E | R222.C2A.A2E | | W+79mm | 08B14T | 25mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R222.C3A.A3E | W+79mm | 10A13T | 30mm | 18.5mm | Ø66.33mm |
| Steel, zinc plated | Ø 89mm | 3.0 mm | | | R222.C6A.A3E | W+79mm | 10B15T | 30mm | 18.5mm | Ø76.35mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R222.S1C.B1E | | | W+79mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R222.S2C.B1E | R222.S2C.B2E | | W+79mm | 08B14T | 25mm | 18.5mm | Ø57.07mm |
| Stainless Steel 304 | Ø 76mm | 3.0 mm | | | R222.S3C.B3E | W+79mm | 10A13T | 30mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R222.J1C.B1E | | | W+79mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |



R231/R232 Series

Steel Single/Double Sprocket Adjustable Accumulation Powered Roller

Ámbito de Aplicación / Application Area

Comúnmente utilizado para aplicaciones de transporte de cajas o contenedores de servicio mediano. El cabezal de accionamiento mediante piñón soldado permite transmitir alto par de giro y provee una solución robusta. Es adecuado para acumular el producto en tramos de la línea destinados a generar un pulmón.

It is commonly used for medium duty carton and container conveying applications.

The welded steel sprocket drive head drive allows transferring high torque and provides a robust solution. Suitable to accumulate the product in buffer sections.

Características / Features

- Robusto y durable.
- Posee alta capacidad de carga gracias al uso de cajas de rodamientos de acero estampadas.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.
- La presión de acumulación puede ser regulada dependiendo del peso del producto a transportar.

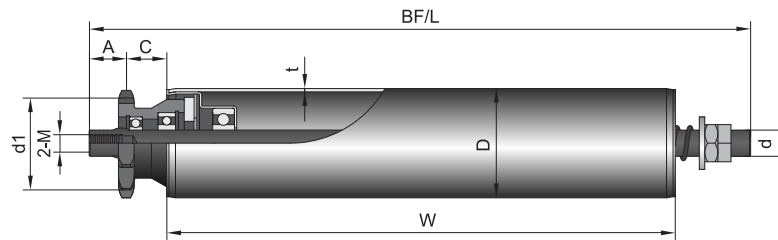
- *Robust and durable.*
- *High load capacity thanks to the use of steel stamped bearing housing.*
- *Good protection against dirt and water thanks to the end cap design.*
- *Accumulation pressure can be adjusted depending on the product weight to be conveyed.*

Especificaciones / Specifications

- Bearing Housing: Steel, Zinc Plated
- End Cap: N/A
- Precision Ball Bearing: Deep Groove Ball Bearing 6001 / 6002 / 6004
- Sprocket: Steel, Zinc Plated

R231 Series

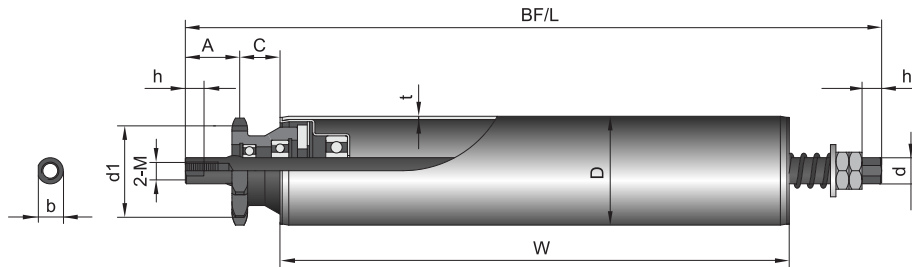
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | C | d1 |
|---------------------|---------------|---------------|------------------------------------|-----------------------------------|------------------------------------|--------|---------------|------|--------|----------|
| | | | Ø12mm (b/h=11.5/8.5) (M8x15) | Ø15mm (b/h=13/8.5) (M10x20) | Ø20mm (b/h=18/10.5) (M12x25) | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R231.C1A.A1B | | | W+70mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R231.C2A.A1B | R231.C2A.A2B | | W+70mm | 08B14T | 17mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R231.C3A.A3B | W+70mm | 10A13T | 20mm | 18.5mm | Ø66.33mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R231.S1C.B1B | | | W+70mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R231.S2C.B1B | R231.S2C.B2B | | W+70mm | 08B14T | 17mm | 18.5mm | Ø57.07mm |
| Stainless Steel 304 | Ø76mm | 3.0 mm | | | R231.S3C.B3B | W+70mm | 10A13T | 20mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R231.J1C.B1B | | | W+70mm | 08B11T | 17mm | 18.5mm | Ø45.08mm |

R231 Series

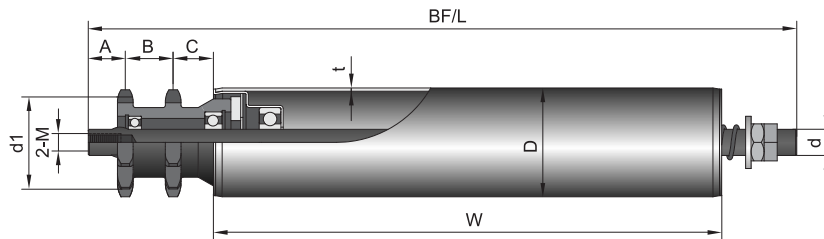
Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | C | d1 |
|---------------------|---------------|---------------|------------------------------------|-----------------------------------|------------------------------------|--------|---------------|------|--------|----------|
| | | | Ø12mm (b/h=11.5/8.5) (M8x15) | Ø15mm (b/h=13/8.5) (M10x20) | Ø20mm (b/h=18/10.5) (M12x25) | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R231.C1A.A1E | | | W+86mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R231.C2A.A1E | R231.C2A.A2E | | W+86mm | 08B14T | 25mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R231.C3A.A3E | W+86mm | 10A13T | 30mm | 18.5mm | Ø66.33mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R231.S1C.B1E | | | W+86mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R231.S2C.B1E | R231.S2C.B2E | | W+86mm | 08B14T | 25mm | 18.5mm | Ø57.07mm |
| Stainless Steel 304 | Ø76mm | 3.0 mm | | | R231.S3C.B3E | W+86mm | 10A13T | 30mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R231.J1C.B1E | | | W+86mm | 08B11T | 25mm | 18.5mm | Ø45.08mm |

R232 Series

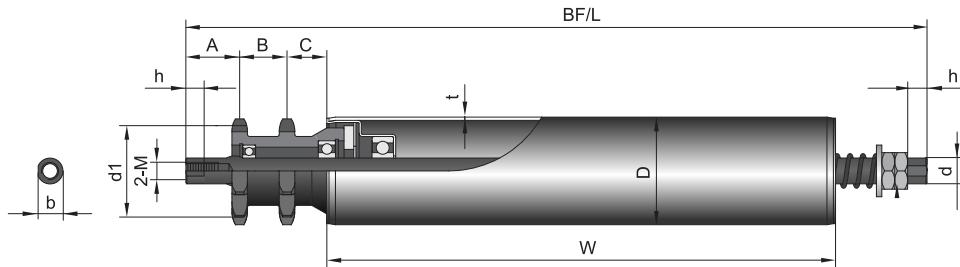
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | B | C | d1 |
|---------------------|---------------|---------------|------------------------------------|-----------------------------------|------------------------------------|--------|---------------|------|------|--------|----------|
| | | | Ø12mm (b/h=11.5/8.5) (M8x15) | Ø15mm (b/h=13/8.5) (M10x20) | Ø20mm (b/h=18/10.5) (M12x25) | | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R232.C1A.A1B | | | W+92mm | 08B11T | 17mm | 22mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R232.C2A.A1B | R232.C2A.A2B | | W+92mm | 08B14T | 17mm | 22mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R232.C3A.A3B | W+92mm | 10A13T | 20mm | 25mm | 18.5mm | Ø66.33mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R232.S1C.B1B | | | W+92mm | 08B11T | 17mm | 22mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R232.S2C.B1B | R232.S2C.B2B | | W+92mm | 08B14T | 17mm | 22mm | 18.5mm | Ø57.07mm |
| Stainless Steel 304 | Ø76mm | 3.0 mm | | | R232.S3C.B3B | W+92mm | 10A13T | 20mm | 25mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R232.J1C.B1B | | | W+92mm | 08B11T | 17mm | 22mm | 18.5mm | Ø45.08mm |

R232 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | | BF=L | Sprocket Type | A | B | C | d1 |
|---------------------|---------------|---------------|------------------------------------|-----------------------------------|------------------------------------|---------|---------------|------|------|--------|----------|
| | | | Ø12mm (b/h=11.5/8.5) (M8x15) | Ø15mm (b/h=13/8.5) (M10x20) | Ø20mm (b/h=18/10.5) (M12x25) | | | | | | |
| Steel, zinc plated | Ø 50mm | 1.5 mm | R232.C1A.A1E | | | W+108mm | 08B11T | 25mm | 22mm | 18.5mm | Ø45.08mm |
| Steel, zinc plated | Ø 60mm | 2.0 mm | R232.C2A.A1E | R232.C2A.A2E | | W+108mm | 08B14T | 25mm | 22mm | 18.5mm | Ø57.07mm |
| Steel, zinc plated | Ø 76mm | 3.0 mm | | | R232.C3A.A3E | W+108mm | 10A13T | 30mm | 25mm | 18.5mm | Ø66.33mm |
| Stainless Steel 304 | Ø 50mm | 1.5 mm | R232.S1C.B1E | | | W+108mm | 08B11T | 25mm | 22mm | 18.5mm | Ø45.08mm |
| Stainless Steel 304 | Ø 60mm | 2.0 mm | R232.S2C.B1E | R232.S2C.B2E | | W+108mm | 08B14T | 25mm | 22mm | 18.5mm | Ø57.07mm |
| Stainless Steel 304 | Ø76mm | 3.0 mm | | | R232.S3C.B3E | W+108mm | 10A13T | 30mm | 25mm | 18.5mm | Ø66.33mm |
| Stainless Steel 201 | Ø 50mm | 1.5 mm | R232.J1C.B1E | | | W+108mm | 08B11T | 25mm | 22mm | 18.5mm | Ø45.08mm |



R301 Series

Universal Tapered Sleeve Gravity Roller

Ámbito de Aplicación / Application Area

Comúnmente utilizado para aplicaciones de transporte de cajas en curvas de servicio liviano y mediano. Adecuado para aplicaciones de alta velocidad.

*It is commonly used for light/medium duty carton conveying applications.
Suitable for high speed applications.*

Rango de temperatura / Temperature range: - 5°C ~ + 40°C

Características / Features

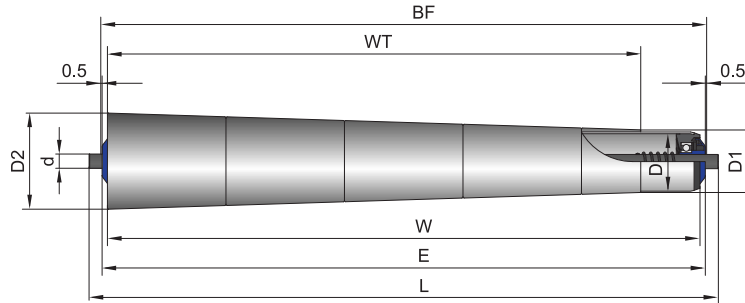
- Funcionamiento silencioso gracias a la utilización de rodamientos de bolas de precisión.
- Los elementos cónicos de polímero son resistentes a la abrasión.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.
- *Low-noise running thanks to the use of precision ball bearings.*
- *The tapered elements made of polymer have good resistance to abrasion.*
- *Good protection against dirt and water thanks to the end cap design.*

Especificaciones / Specifications

- Bearing Housing: Polyamide, Black
- End Cap: ETON Blue
- Precision Ball Bearing: Deep Groove Ball Bearing 6001

R301 Series

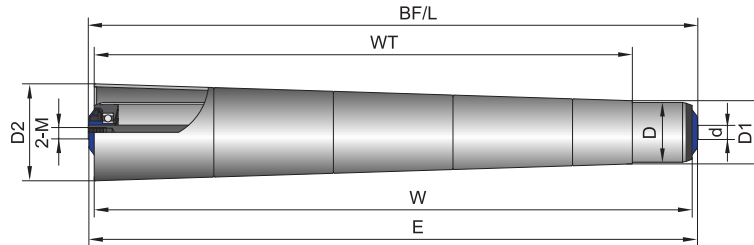
Spring loaded



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | WT | D1 | D2 | BF | E | L |
|---|---------------|---------------|----------------|--------------|-------|---------|----------|--------|-------|--------|
| | | | Ø12mm | 11Hex | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R301.H1C.A1A | R301.H1C.A4A | 250mm | Ø52.9mm | Ø68.6mm | W+10mm | W+9mm | W+31mm |
| | | | | | 300mm | Ø56mm | Ø74.9mm | | | |
| | | | | | 350mm | Ø52.9mm | Ø74.9mm | | | |
| | | | | | 400mm | Ø56mm | Ø81.1mm | | | |
| | | | | | 450mm | Ø52.9mm | Ø81.1mm | | | |
| | | | | | 500mm | Ø56mm | Ø87.4mm | | | |
| | | | | | 550mm | Ø52.9mm | Ø87.4mm | | | |
| | | | | | 600mm | Ø56mm | Ø93.7mm | | | |
| | | | | | 650mm | Ø52.9mm | Ø93.7mm | | | |
| | | | | | 700mm | Ø56mm | Ø100.0mm | | | |
| | | | | | 750mm | Ø52.9mm | Ø100.0mm | | | |
| | | | | | 800mm | Ø56mm | Ø106.3mm | | | |
| | | | | | 850mm | Ø52.9mm | Ø106.3mm | | | |

R301 Series

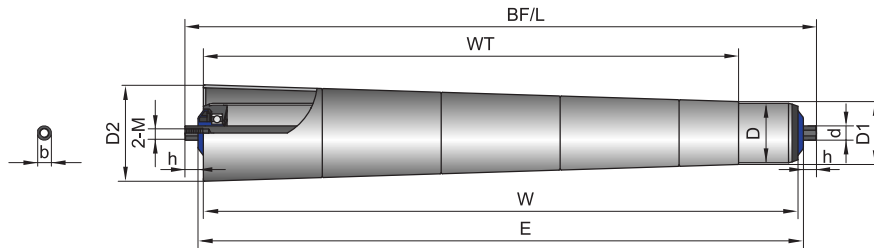
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | WT | D1 | D2 | BF | E | L |
|---|---------------|---------------|----------------|-------|---------|----------|--------|-------|--------|
| | | | Ø12mm (M8x15) | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R301.H1C.A1B | 250mm | Ø52.9mm | Ø68.6mm | W+11mm | W+9mm | W+11mm |
| | | | | 300mm | Ø56mm | Ø74.9mm | | | |
| | | | | 350mm | Ø52.9mm | Ø74.9mm | | | |
| | | | | 400mm | Ø56mm | Ø81.1mm | | | |
| | | | | 450mm | Ø52.9mm | Ø81.1mm | | | |
| | | | | 500mm | Ø56mm | Ø87.4mm | | | |
| | | | | 550mm | Ø52.9mm | Ø87.4mm | | | |
| | | | | 600mm | Ø56mm | Ø93.7mm | | | |
| | | | | 650mm | Ø52.9mm | Ø93.7mm | | | |
| | | | | 700mm | Ø56mm | Ø100.0mm | | | |
| | | | | 750mm | Ø52.9mm | Ø100.0mm | | | |
| | | | | 800mm | Ø56mm | Ø106.3mm | | | |
| | | | | 850mm | Ø52.9mm | Ø106.3mm | | | |

R301 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | WT | D1 | D2 | BF | E | L |
|---|---------------|---------------|----------------|-------|---------|----------|--------|-------|--------|
| | | | Ø12mm (M8x15) | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R301.H1C.A1E | 250mm | Ø52.9mm | Ø68.6mm | W+31mm | W+9mm | W+31mm |
| | | | | 300mm | Ø56mm | Ø74.9mm | | | |
| | | | | 350mm | Ø52.9mm | Ø74.9mm | | | |
| | | | | 400mm | Ø56mm | Ø81.1mm | | | |
| | | | | 450mm | Ø52.9mm | Ø81.1mm | | | |
| | | | | 500mm | Ø56mm | Ø87.4mm | | | |
| | | | | 550mm | Ø52.9mm | Ø87.4mm | | | |
| | | | | 600mm | Ø56mm | Ø93.7mm | | | |
| | | | | 650mm | Ø52.9mm | Ø93.7mm | | | |
| | | | | 700mm | Ø56mm | Ø100.0mm | | | |
| | | | | 750mm | Ø52.9mm | Ø100.0mm | | | |
| | | | | 800mm | Ø56mm | Ø106.3mm | | | |
| 850mm | Ø52.9mm | Ø106.3mm | | | | | | | |



R321 Series

Poly-V Belt Tapered Sleeve Powered Roller

Ámbito de Aplicación / *Application Area*

Comúnmente utilizado para aplicaciones de transporte de cajas en curvas de servicio liviano y mediano. El cabezal de accionamiento poly-V permite transmitir mayor par de giro que el del tipo O-belt. Adecuado para aplicaciones de alta velocidad.

*It is commonly used for light/medium duty carton conveying applications.
The poly-V belt drive head drive allows transferring higher torque than O-belt drive head.
Suitable for high speed applications.*

Rango de temperatura / *Temperature range*: - 5°C ~ + 40°C

Características / *Features*

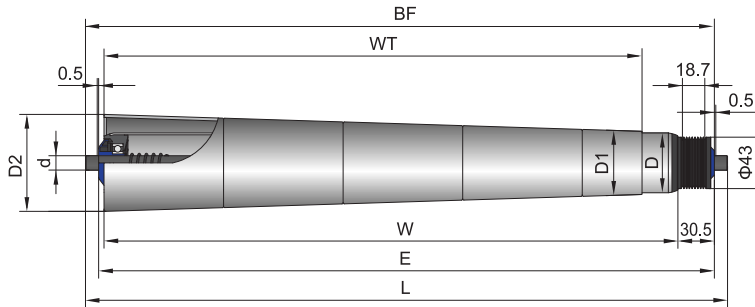
- Funcionamiento silencioso gracias a la utilización de rodamientos de bolas de precisión.
- Los elementos cónicos de polímero son resistentes a la abrasión.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.
- *Low-noise running thanks to the use of precision ball bearings.*
- *The tapered elements made of polymer have good resistance to abrasion.*
- *Good protection against dirt and water thanks to the end cap design.*

Especificaciones / *Specifications*

- Bearing Housing: Polyamide, Black
- End Cap: ETON Blue
- Precision Ball Bearing: Deep Groove Ball Bearing 6001
- Drive Head: Polyamide, Black

R321 Series

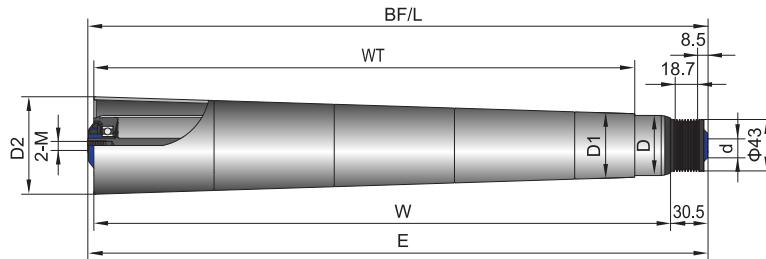
Spring loaded



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | WT | D1 | D2 | BF | E | L |
|---|---------------|---------------|----------------|--------------|-------|---------|----------|--------|--------|--------|
| | | | Ø12mm | 11Hex | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R321.H1C.A1A | R321.H1C.A4A | 250mm | Ø52.9mm | Ø68.6mm | W+36mm | W+35mm | W+57mm |
| | | | | | 300mm | Ø56mm | Ø74.9mm | | | |
| | | | | | 350mm | Ø52.9mm | Ø74.9mm | | | |
| | | | | | 400mm | Ø56mm | Ø81.1mm | | | |
| | | | | | 450mm | Ø52.9mm | Ø81.1mm | | | |
| | | | | | 500mm | Ø56mm | Ø87.4mm | | | |
| | | | | | 550mm | Ø52.9mm | Ø87.4mm | | | |
| | | | | | 600mm | Ø56mm | Ø93.7mm | | | |
| | | | | | 650mm | Ø52.9mm | Ø93.7mm | | | |
| | | | | | 700mm | Ø56mm | Ø100.0mm | | | |
| | | | | | 750mm | Ø52.9mm | Ø100.0mm | | | |
| | | | | | 800mm | Ø56mm | Ø106.3mm | | | |
| 850mm | Ø52.9mm | Ø106.3mm | | | | | | | | |

R321 Series

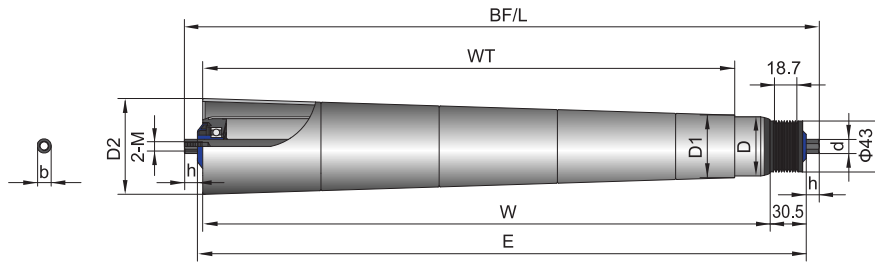
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | WT | D1 | D2 | BF | E | L |
|---|---------------|---------------|----------------|-------|---------|----------|--------|--------|--------|
| | | | Ø12mm (M8x15) | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R321.H1C.A1B | 250mm | Ø52.9mm | Ø68.6mm | W+37mm | W+35mm | W+37mm |
| | | | | 300mm | Ø56mm | Ø74.9mm | | | |
| | | | | 350mm | Ø52.9mm | Ø74.9mm | | | |
| | | | | 400mm | Ø56mm | Ø81.1mm | | | |
| | | | | 450mm | Ø52.9mm | Ø81.1mm | | | |
| | | | | 500mm | Ø56mm | Ø87.4mm | | | |
| | | | | 550mm | Ø52.9mm | Ø87.4mm | | | |
| | | | | 600mm | Ø56mm | Ø93.7mm | | | |
| | | | | 650mm | Ø52.9mm | Ø93.7mm | | | |
| | | | | 700mm | Ø56mm | Ø100.0mm | | | |
| | | | | 750mm | Ø52.9mm | Ø100.0mm | | | |
| | | | | 800mm | Ø56mm | Ø106.3mm | | | |
| 850mm | Ø52.9mm | Ø106.3mm | | | | | | | |

R321 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | | WT | D1 | D2 | BF | E | L |
|---|---------------|---------------|-------------------------------|--|-------|---------|----------|--------|--------|--------|
| | | | Ø12mm (b/h=11.5/11mm) (M8x15) | | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R321.H1C.A1E | | 250mm | Ø52.9mm | Ø68.6mm | W+57mm | W+35mm | W+57mm |
| | | | | | 300mm | Ø56mm | Ø74.9mm | | | |
| | | | | | 350mm | Ø52.9mm | Ø74.9mm | | | |
| | | | | | 400mm | Ø56mm | Ø81.1mm | | | |
| | | | | | 450mm | Ø52.9mm | Ø81.1mm | | | |
| | | | | | 500mm | Ø56mm | Ø87.4mm | | | |
| | | | | | 550mm | Ø52.9mm | Ø87.4mm | | | |
| | | | | | 600mm | Ø56mm | Ø93.7mm | | | |
| | | | | | 650mm | Ø52.9mm | Ø93.7mm | | | |
| | | | | | 700mm | Ø56mm | Ø100.0mm | | | |
| | | | | | 750mm | Ø52.9mm | Ø100.0mm | | | |
| | | | | | 800mm | Ø56mm | Ø106.3mm | | | |
| 850mm | Ø52.9mm | Ø106.3mm | | | | | | | | |



R331 Series

Sprocket Steel Tapered Sleeve Powered Roller

Ámbito de Aplicación / Application Area

Comúnmente utilizado para aplicaciones de transporte de cajas o contenedores en curvas de servicio liviano/mediano. El cabezal de accionamiento mediante piñón soldado permite transmitir alto par de giro y provee una solución robusta. Adecuado para aplicaciones de baja velocidad.

It is commonly used for light/medium duty carton and container conveying applications. The welded steel sprocket drive head drive allows transferring high torque and provides a robust solution. Suitable for low speed applications.

Rango de temperatura / Temperature range: - 5°C ~ + 40°C

Características / Features

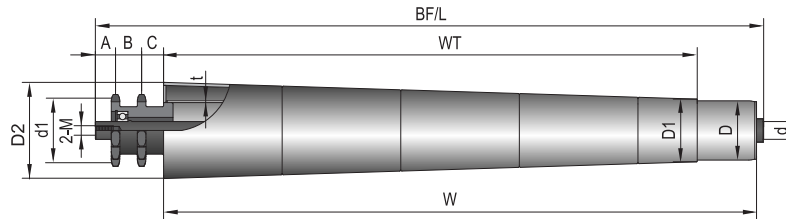
- Robusto y durable.
- Los elementos cónicos de polímero son resistentes a la abrasión.
- Buena protección contra polvo y agua gracias al diseño de la tapa de extremo.
- *Robust and durable.*
- *The tapered elements made of polymer have good resistance to abrasion.*
- *Good protection against dirt and water thanks to the end cap design.*

Especificaciones / Specifications

- Bearing Housing: Polyamide, Black
- End Cap: ETON Blue
- Precision Ball Bearing: Deep Groove Ball Bearing 6001

R331 Series

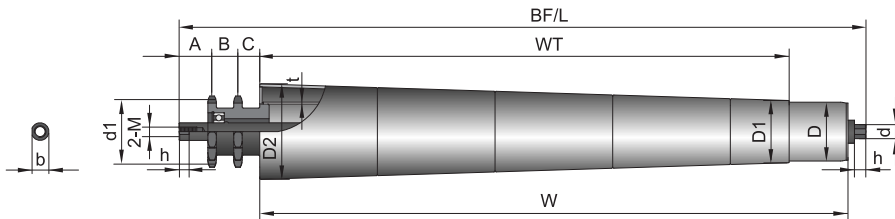
Internal thread



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | WT | D1 | D2 | BF=L | Sprocket Type | A | B | C | d1 |
|---|---------------|---------------|----------------|-------|---------|----------|--------|---------------|------|------|--------|-----------|
| | | | Ø12mm (M8x15) | | | | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R331.C1B.A1B | 250mm | Ø52.9mm | Ø68.6mm | W+63mm | 08B11T | 17mm | 22mm | 18.5mm | Ø45.08 mm |
| | | | | 300mm | Ø56mm | Ø74.9mm | | | | | | |
| | | | | 350mm | Ø52.9mm | Ø74.9mm | | | | | | |
| | | | | 400mm | Ø56mm | Ø81.1mm | | | | | | |
| | | | | 450mm | Ø52.9mm | Ø81.1mm | | | | | | |
| | | | | 500mm | Ø56mm | Ø87.4mm | | | | | | |
| | | | | 550mm | Ø52.9mm | Ø87.4mm | | | | | | |
| | | | | 600mm | Ø56mm | Ø93.7mm | | | | | | |
| | | | | 650mm | Ø52.9mm | Ø93.7mm | | | | | | |
| | | | | 700mm | Ø56mm | Ø100.0mm | | | | | | |
| | | | | 750mm | Ø52.9mm | Ø100.0mm | | | | | | |
| | | | | 800mm | Ø56mm | Ø106.3mm | | | | | | |
| | | | | 850mm | Ø52.9mm | Ø106.3mm | | | | | | |

R331 Series

Internal thread + Milling flat



| Tube Material | Tube Dia. (D) | Tube Thk. (t) | Shaft Dia. (d) | WT | D1 | D2 | BF=L | Sprocket Type | A | B | C | d1 |
|---|---------------|---------------|----------------|-------|---------|----------|--------|---------------|------|------|--------|-----------|
| | | | Ø12mm (M8x15) | | | | | | | | | |
| Steel, Zinc Plated Polymer Tapered Sleeve | Ø 50mm | 1.5 mm | R331.C1B.A1E | 250mm | Ø52.9mm | Ø68.6mm | W+79mm | 08B11T | 25mm | 22mm | 18.5mm | Ø45.08 mm |
| | | | | 300mm | Ø56mm | Ø74.9mm | | | | | | |
| | | | | 350mm | Ø52.9mm | Ø74.9mm | | | | | | |
| | | | | 400mm | Ø56mm | Ø81.1mm | | | | | | |
| | | | | 450mm | Ø52.9mm | Ø81.1mm | | | | | | |
| | | | | 500mm | Ø56mm | Ø87.4mm | | | | | | |
| | | | | 550mm | Ø52.9mm | Ø87.4mm | | | | | | |
| | | | | 600mm | Ø56mm | Ø93.7mm | | | | | | |
| | | | | 650mm | Ø52.9mm | Ø93.7mm | | | | | | |
| | | | | 700mm | Ø56mm | Ø100.0mm | | | | | | |
| | | | | 750mm | Ø52.9mm | Ø100.0mm | | | | | | |
| | | | | 800mm | Ø56mm | Ø106.3mm | | | | | | |
| 850mm | Ø52.9mm | Ø106.3mm | | | | | | | | | | |



Alutipo SRL
Web: www.alutipo.com
Email: info@alutipo.com

