

LINK-BELT® “S” AND “W” SERIES INTERMEDIATE DUTY BALL BEARINGS



KEY INDUSTRIES:

- Agricultural
- Construction
- Manufacturing

HOUSING

CONFIGURATIONS:

- Pillow Blocks
- Flange Blocks
- Take-up Blocks
- High Test Iron
- Formed Steel

SEAL OPTIONS:

- Reliable single lip
- Heat and corrosive resistant Viton
- High-speed flinger-only configuration

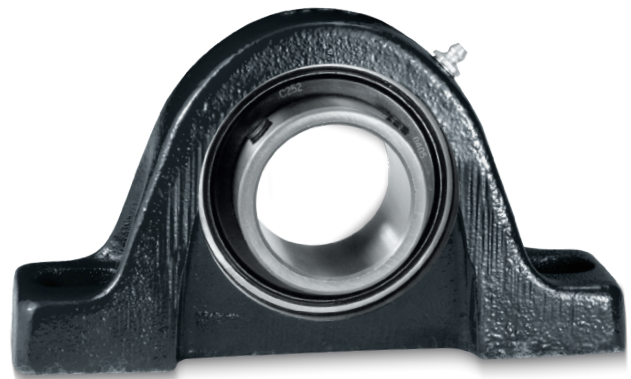
GENERAL BEARING INFORMATION:

- Ideal for lightly loaded applications
- Optional free-running package
- Optional high-temperature package

Maximize your system performance.

Meeting the quality and integrity expectations of customers for more than 75 years, Rexnord offers a trusted solution for lightly loaded applications with our Link-Belt® “S” (set screw locking collar) and “W” (eccentric locking collar) Series Intermediate Duty Ball Bearings (Link-Belt “S” and “W” Series) product line. The Link-Belt “S” and “W” Series provide customers with improved availability, competitive pricing and a single nomenclature system. The product offering is engineered for maximizing your system’s performance with:

- **Mounting Options** –
 - Set screw locking collar “S” (Link-Belt “S” Series)
 - 90-degree set screw spacing provides superior balance between holding force and shaft concentricity for optimum performance.
 - Eccentric locking collar “W” (Link-Belt “W” Series)
 - Designed to facilitate easy installation while the longer contact point with the shaft helps withstand shock load and system vibration.
- **Application specific seals** – the broad selection of seal technology enables users to customize seal performance for contaminant protection, high speeds or extreme environments to maximize bearing service life.
- **Quiet confidence** – the precision- calibrated design features honed raceways that operate with less vibration than the competition, and deliver smoother, quieter performance in the field.
- **Thorough lubrication** – the lubrication groove is located in the housing, enabling more dependable grease coverage for advanced contaminant protection.



LINK-BELT “S” AND “W” SERIES INTERMEDIATE DUTY BALL BEARINGS

Application-Specific Seal Configuration Options

Link-Belt Intermediate Duty Ball Bearings feature application specific seal configurations for added selection convenience.

Free-Running Configuration

This configuration features flingers on both sides of the bearing providing a sealed, free-running bearing with heat shield protection. These low-torque designs are ideal for temperatures from -40 F (-40 C) to 225 F (107 C) in roll press applications, including:

- Printing presses
- Processing roles
- Webbing roles

When placing an order for the Link-Belt “S” and “W” Series, add a “MHFF” (10 percent grease fill) or “FF” (50 percent grease fill) suffix to the product nomenclature for the free-running configuration.

High-Temperature Seal Configuration

For extended life in high-temperature or highly corrosive environments, this configuration features extra internal diametral clearance, a two-piece riveted steel retainer, high-temperature lubrication (pre-lubricated with a No. 2 consistency bentone-based grease with petroleum oil) and Viton seals. Target applications for this configuration include:

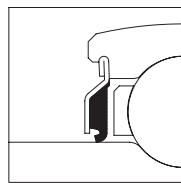
- Glass manufacturing
- Steel manufacturing
- High-temperature fan manufacturing
- Furnace manufacturing

When placing an order for the Link-Belt “S” and “W” Series, add a “E1” suffix to the product nomenclature for the high-temperature seal configuration.

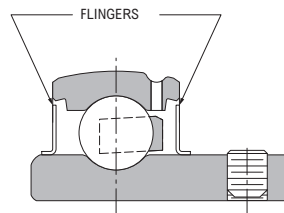
Specifications

Powder-Coated Cast Iron Housing Options	Pillow Blocks, 2-bolt Flange, 4-bolt Flange, Flanged Bracket, Piloted Flange Blocks, Hanger Units, Take-up Units, Screw Conveyor Units, Tapped Base Pillow Blocks, and High- and Low-backing Height Pillow Block
Mounting Options	Set Screw Eccentric Lok
Seal Options	Nitrile Rubber Lip Seal Viton Lip Seal High-Speed Flinger-Only option
Retainer Options	Nylon, Steel
Bore Size	½”-2 15/16” (20-40mm)
Standard Grease	Multi-Purpose Lithium Complex

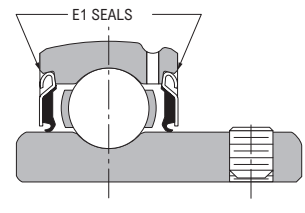
Seal Options



Nitrile Rubber Lip Seal Option
(Choose “E” suffix)



High-Speed Flinger-Only Options
(Choose “MHFF” or “FF” suffixes)



Viton Lip Seal Option
(Choose “E1” suffixes)

Link-Belt®

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The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale> (which may redirect to other website locations based on product family).

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