

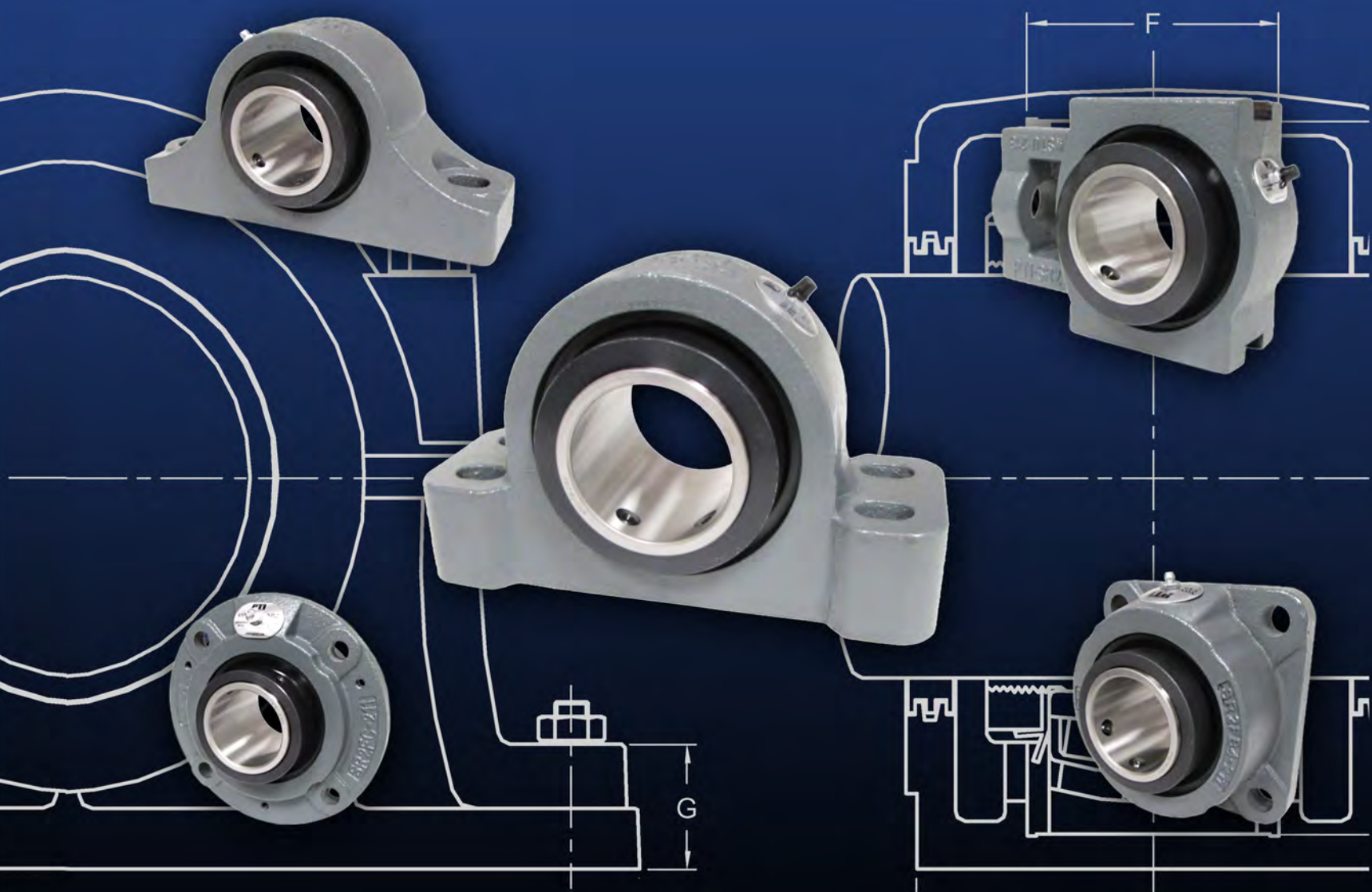


P.T. INTERNATIONAL CORP.

Metric & American Standard

Industrial Power Transmission & Mounted Bearing Products

SRE & SR2200 Spherical Roller Bearing Units



Pillow Blocks, 4-Bolt Flanges & Take-Ups thru 5" or 125mm Shaft Sizes

Stock Products

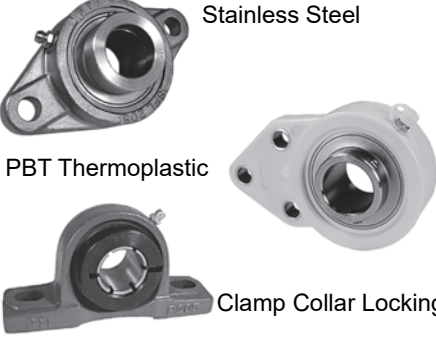
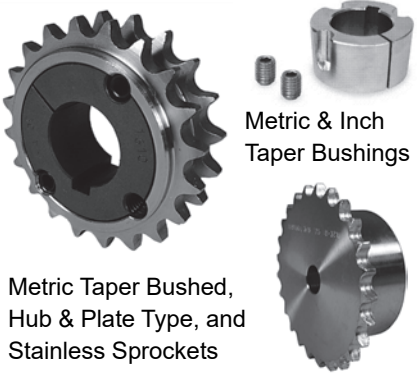
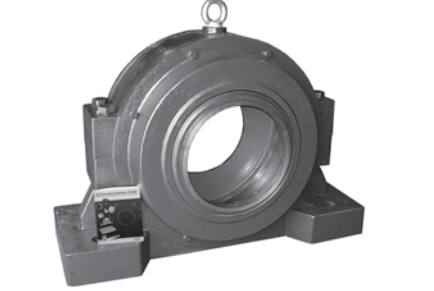
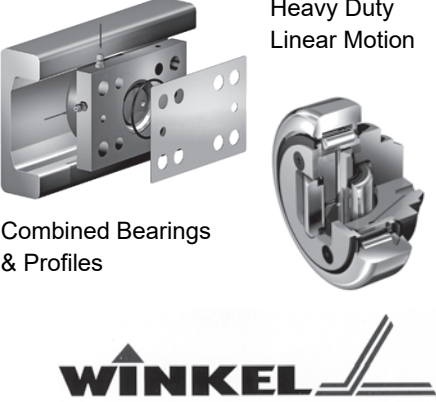
Mounted Ball Bearings	Set Screw Lock; Eccentric Locking Collar; Adapter Mount; Concentric Clamping Collar, Normal Duty; Stainless Steel, Medium Duty X00 series, Heavy Duty 300 series. Inch & Metric bores 1/2" through 4" & 10mm through 140mm shaft sizes Housing materials: Cast, Ductile, Stainless & PBT Thermoplastic Styles: Pillow Block, 2-Bolt, 3-Bolt & 4-Bolt Flanges, 2 & 4 Bolt Piloted Flanges, Take-Ups, Tapped Base, Steel Flange, Swivel Units, Hanger Units, Cylindrical Units, Flanged Brackets, Stainless and custom styles on request.
Fan Blower Units	Pedestal Mount. Set Screw Locking, 1" through 2-7/16" & 25mm through 60mm.
Mounted Roller Bearings	SRE & SR2200 Mounted Roller Bearings-Pillow Blocks, 4-Bolt Flanges, Piloted Flanges, Take-Ups, End Covers; Inch shaft sizes 1-7/16" through 5", Ductile Housings.
Split Pillow Blocks, Plummer Blocks & Seals	Large Bore Split Housings - Cast Iron, Ductile & Steel SAF/SAFD/SAFS 200, 300, 500, 600, Series - 8" shaft sizes, Taconite Seals. SDAF/SAFD/SDAFS 30, 31 & 32 series through 22" shaft sizes. Taconite Seals SNG/SN/SNS 200, 300, 500, 600 series 140mm shaft sizes, TAC Seals, SD-series, S3000K series through 300mm shaft size. Flange Bearing Housing - 722505 series - 100mm shaft sizes. DIN 505 series Bronze Sleeve Journal Bearings - 140mm shaft sizes.
Spherical Roller Bearings	Spherical 222, 223, 230, 231 & 232 Series Roller Bearings, others on request.
Double Row Ball Bearings	Double Row Ball - 1200, 1300, 2200 & 2300 series.
Adapter Sleeves, Hydraulic	Inch bores SNW, SNP & H-series (3/4" to 18"); Hydraulic standard over 8" or 200mm. Metric bores in H- series (20 to 450mm).
Withdrawal Sleeves	Metric: 40 to 400mm bore for 222, 230, 223 & 232 series bearings.
Lock Nuts & Lock Washers	Metric & Inch - size 0 through 96, MB, A & AN Lock Nuts, KM & W Lock Washers.
Hydraulic Nuts	HMVE series (Metric Threads, H Adapters) from 32 to 92 size. HMVC series (SNW Inch Threads) size 0 through 96.
Rod Ends	Male & Female Rod Ends - through 35mm bores, Standard, Stainless and maintenance free types.
Metric Spur Gears/Racks	Module sizes 1 through 8, Hub & A-Plate Gears, Racks to 3 meters in length..
Roller Chain	Metric (BS) 04B, 05B, 06B, 08B, 10B, 12B, 16B, 20B, 24B, 28B, 32B, 40B, 48B & 56B Single, Double, Triple - Standard, Nickel, Stainless, Hollow Pin, Lube Free Chain ANSI 25,35,40,41,50,60,80,100,120,140,160,200 - Single, Double, Triple Agricultural Chain: CA2040,CA2050,CA2060,CA550; Lumber Chain: 81X, 81XH Conveyor, Attachment, Rubber Top & Specialty Chain per order, Engineered Chain on request.
Sprockets	Metric A-Plate, B-Hub & TL-Taper Bushed, Stainless and Double Single Sprockets. MPB Size 03B through 24B chain size and from 8 to 125 Teeth - Single, Double, Triple. Bored to size.
TL Taper Bushings	Size 1008 through 5050 - All Standard Metric & Inch bores - 1/2" to 5" bores, 10mm to 125mm; BSW Threads & UNC Threads.
Keyless Bushings	Metric bores, Compression Type, Self Centering, 8mm through 220mm bore sizes, Multiple Flange & Bore Concealed Types.
Weld On Hubs	For 1210 through 5050 TL Bushings. For Plate Sprockets, Spur Gears & more.
Synchronous Pulleys Timing Pulleys	XL, L & H series 1/5", 3/8", 1/2" Pitch - 3/8" to 2" widths, TL Bushed & Pilot Bore HTD & Super Torque 8 & 14mm Pitch, 22 to 216 Teeth, standard widths include 20, 30, 50 & 85mm - TL Bushed stock, BS available.
Metric T & AT - Series Pulleys	5mm & 10mm Pitch, 10 to 60 Teeth in 8, 10, 16, 25, 50mm widths, TL & bored to size possible.
Metric Sheaves	SPA, SPB, SPC and SPZ series, 56 to 710mm O.D., 1-8 Grooves, Variable Pitch Sheaves.
HRC Type Couplings	Flexible Element, Jaw Type, Metric and Inch bores, Taper Bushed - shaft sizes to 75mm or 3". Bored to size 125mm or 5" shaft sizes.
Other	Eich Spring Wound Bearings for Continuous Casters, Metric Key Stock, Private Branded Products, Roll-Ring Chain Tensioners.
Linear Bearings	Metric & Inch Linear Ball Bearing Bushings, Open & Closed, Shafting, Shaft Supports, Standard & Stainless 1/4" to 2", 10mm-50mm sizes.
Winkel Combined Bearings & Profile (Rails)	Combined Linear Bearings and Steel Profile (Guide Rail); Bearings in Steel, Stainless Steel, Vulkollan, Polyamide and Oilamide, with & without Flanges. Individual catalog available.
Winkel Material Handling Systems	Lifts, Gantries, Telescoping Forks, Storage & Retrieval, Pallet Stacking, Packing, Wrapping - Custom designed individual catalog available.

P.T. INTERNATIONAL CORP.

P.O. Box 411244 (28241)
1817 Westinghouse Blvd. (28273)
Charlotte, NC, USA



(24/7 hours) Ph:(704) 588.1091
Ph:(800) 763.4434
Fax:(704) 588.5738
ptiinfo@ptintl.com, www.ptintl.com

 SAF Split Blocks for Roller Bearings	 Stainless Steel PBT Thermoplastic Clamp Collar Locking Mounted Ball Bearing Units	 SRE & SR2200 Mounted Roller Bearings
 Metric & Inch Taper Bushings Metric Taper Bushed, Hub & Plate Type, and Stainless Sprockets	 Adapter Sleeves, W/D Sleeves, Nuts, Hydraulic Nuts and Spanner Wrenches	 SDAF Split Blocks & Custom Asymmetric Split Blocks for Reduced Movement
 Metric Rod Ends Metric Spur Gears & Racks	 Eich Eich Spring Wound Roller Bearings for Casters and Furnaces	 Metric and ANSI Roller Chain & Metric Attachment Chain including Stainless
 HTD, Synchronous & Metric V-Belt Pulleys	 Combined Bearings & Profiles Heavy Duty Linear Motion WINKEL	 Winkel Lift Systems & Material Handling Solutions

Company Overview

P.T. International Corp. (PTI) was founded in 1994 in Charlotte, North Carolina, USA. We originally provided primarily Metric industrial power transmission components and mounted bearings. As demand increases, we continue to add products and extend our range and stocking commitment.

PTI has evolved to become a leading provider of high-quality Metric and American Standard industrial power transmission components and mounted bearings. We offer over 25,000 SKU's – most of which are available from stock. Our engineering team can help customize product as well as develop private brand strategies to fit your business needs. We are proud to be ISO 9001 Certified.

The following pages detail our Spherical Mounted Roller Bearing Units. Please contact us for more information on our full product offering, to request a complimentary product catalog, or for assistance with product selection.

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We Revolve
Around You.



SRE & SR2200 Spherical Roller Bearings



Overview

SRE & SR2200 Spherical Roller Bearing units are rugged, assembled, ready to install and available from 1-7/16" through 5" and 40mm through 125mm shaft sizes. The Standard Ductile Iron Housing combined with dynamic (operating) misalignment capability make this one of the most rugged and capable units on the market. Expansion and non-expansion units are standard. Units interchange with industry standard bolt centers, shaft center heights and lengths through bores. With a solid base, it's one of the heaviest blocks in the industry. They are available with single or double set screw locking collars for maximum holding power, easy installation and simple axial positioning. A variety of seal options and end covers allow application choices to ensure a long service life.

The 4762XX series of spherical roller bearing inserts is one of the most popular types in the industry. Each unit is assembled in our Charlotte, NC facility, lubricated and ready to install. These bearings are designed to accommodate +/- 1-1/2° degrees of shaft misalignment. Additionally, expansion units will accommodate shaft growth due to temperature changes. The spherical bearing accommodates a combination of radial and thrust loads. Pure thrust loads must be avoided; but as long as there is an appropriate radial load, up to 25% is



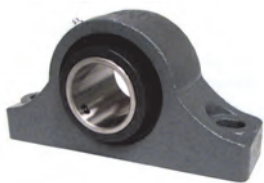
typically allowed as a thrust load. The following charts and load ratings will help make selection simple. There are a variety of housing styles available including 2 & 4-Bolt Pillow Blocks, 4-Bolt Flanges, Piloted Flanges and Take-Up Units.

All have optional open or closed end covers for the ultimate protection against contaminants. Custom units and modifications are also available on request.



Housing Styles, Seals & End Covers

Pillow Blocks



SRE-PB2 Series
2-Bolt Pillow Block
1-7/16" through 4" and
40mm to 100mm shaft sizes
with Tapered E-Series
mounting dimensions



SR2-PB2 Series
2-Bolt Pillow Block
1-7/16" through 4" and
40mm to 100mm shaft sizes
with Spherical Series mount-
ing dimensions



SRE-PB4 Series
4-Bolt Pillow Block
2-7/16" through 5" and 65 to
125mm shaft sizes with
Tapered E-Series mounting
dimensions



SR2-PB4 Series
4-Bolt Pillow Block
2-7/16" through 5" and 65 to
125mm shaft sizes with
Spherical Series mounting
dimensions

4 Bolt Flanges



SRE-FB4 and SR2-FB4
Series
4-Bolt Flange
1-7/16" through 4" and
40mm to 100mm shaft
sizes with Spherical Series
and E-Type mounting
dimensions



SRE-FC4 and SR2-FC4
Series
4-Bolt Piloted Flange
1-7/16" through 4" and
40mm to 100mm shaft sizes
with Spherical Series and E-
Type mounting dimensions

Take-Up Units



SR2-WSTU Series
Wide Slot Take Up
2-7/16" through 4" and
40mm to 90mm shaft sizes
with Spherical Series
mounting dimensions.

SRE & SR2200 Spherical Roller Bearings



Key Features:

9 Housing Styles; 2 & 4-Bolt Pillow Blocks, 4-Bolt Flanges, 4-Bolt Piloted Flanges, Take-Up Units; 21 Shaft Sizes (1-7/16" through 5" and 40mm through 125mm)

All Units Assembled in Charlotte, NC.

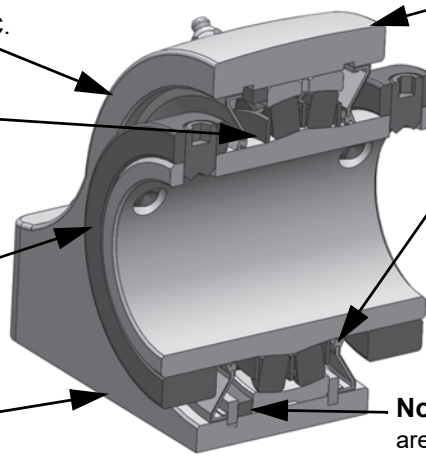
Large Grease Reservoir

High-Quality Lithium Grease is standard. Temp Range of -22°F to 290°F. Special lubricants are available on request.

Set Screw Locking Collar

for easy installation. Single and Double Collar versions available.

End Covers are available for all housing configurations.



Ductile Iron Housings are standard for rugged duty. Most robust housing in the industry. Interchangeable with Industry common configurations.

Triple Lip HNBR Rubber Seals

(-22°F to +290°F) provides improved ozone and chemical resistance over typical NBR material. Additional seal options available.

Optional Fittings

for monitoring temperature and vibration are available on request.

Non-Expansion and Expansion Bearings are both standard. The added fixing ring creates the Non-Expansion bearing.

Seal Options



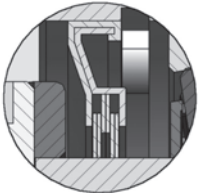
HNBR Triple Lip

The standard HNBR Seal is capable of 290°F. For higher temps or labyrinth only seals, Teflon or metal labyrinth seals are optional.



Teflon Labyrinth

The Teflon Labyrinth is a non contact seal for higher speeds and temperatures capable of operating temperatures from -100°F to +400°F. The Teflon seal rotates with the bearing inner ring.

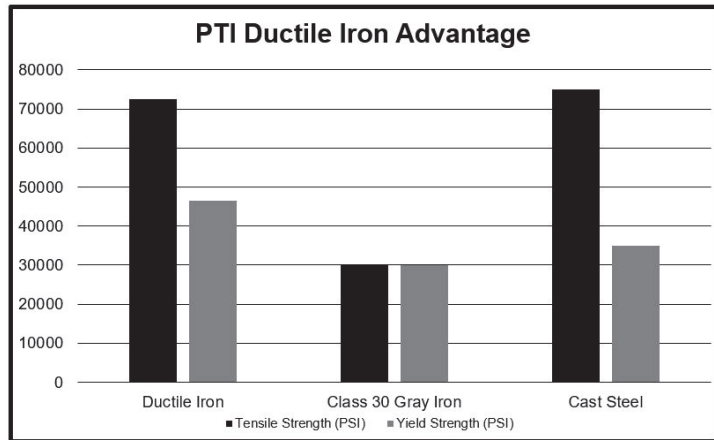


Metal Seal

The Metal Floating Labyrinth is a series of metals seals, capable of even higher temperatures that is only limited by the lubricant chosen.

Ductile Housings

Ductile Iron housings have significantly more strength than the more common Cast Iron housings and are virtually identical to steel material strength at a fraction of the cost.



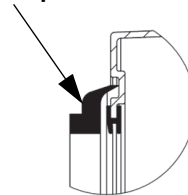
End Covers

Open Covers

Open End Covers (OEC) includes a double lip contact shaft seal and accepts an optional face wiper seal (LERDC) for ultimate protection.



LER DC Wiper



Closed Covers

Closed End Covers (CEC) seal the exposed side of the bearing unit. Available for all units.



SRE & SR2200 Spherical Roller Bearings



Selection Criteria

Load

There are two types of bearing loads: Radial and Thrust. For proper selection, these loads must be determined. Service factors for applications can vary from uniform, light or heavy, plus shock loads. The service factor for light uniform loads is 1.0, for medium loads use 2.0, and for heavy or shock loads use 3.0 times the load.

Speed

When selecting bearings, the maximum speed published is intended only as a guide. It is also generally assumed in life calculations that heavy loads are not applied at the maximum speed, but rather light loads at higher speeds and heavier loads at lower speeds. Heavy loads or high speeds will increase the bearing operating temperatures, which can affect the lubricant and seals. Bearing speeds are limited primarily by the tolerance grade of bearing roller and raceway, lubricant, ambient conditions, retainer design, and seal type.

Life

The **L₁₀** Life is the expected life of a bearing based on normal conditions. Factors involving temperatures and ambient conditions, i.e. chemicals, moisture, and maintenance intervals, are not factored into the basic life formula. However, they should be considered in selection criteria. Typically, industrial applications, such as conveying machinery, kilns, hoists, pumps, cable reeling equipment, industrial fans, and similar applications have design life for bearings from 30,000 hours to 100,000 hours. To determine the **L₁₀** hours of life for a spherical roller bearing use the following formula:

$$\text{Life Equation: } L_{10} = (C/P)^{3.33} \times 16667/\text{RPM}$$

where: **L₁₀** = Expected Bearing Life in hours.

C = Dynamic capacity (lbs).

P = Equivalent load (lbs).

RPM = Shaft speed in revolutions per minute.

When **P** is a radial load only, then **P** = the actual radial load. If there is a thrust and radial load acting on the bearing, then these loads must be converted into an equivalent load to calculate **L₁₀**.

The Equivalent Load Formula:

$$P = X F_R + Y F_A$$

Where: **P** = Equivalent load (lbs)

F_R = Radial load (lbs)

F_A = Thrust load (lbs)

e = Thrust load divided by Radial load factor (Chart 1)

X = Radial load factor (See Chart 1)

Y = Thrust load factor (See Chart 1)

SRE-SR2 Spherical Roller Bearing Factors

Chart 1

Shaft Size	Bearing Size	e	F _A /F _R ≤ e		F _A /F _R > e	
			X	Y	X	Y
1-7/16, 1-1/2, 30mm, 35mm	208	0.28	1	2.4	0.67	3.6
1-1/2, 1-11/16, 1-3/4 40mm, 45mm	209	0.26	1	2.6	0.67	3.9
1-3/4, 1-15/16, 2, 50mm	210	0.24	1	2.8	0.67	4.2
2-3/16, 55mm	211	0.24	1	2.8	0.67	4.2
2-7/16, 2-1/2, 60mm	213	0.24	1	2.8	0.67	4.2
2-11/16, 2-3/4, 2-15/16, 3 65mm, 70mm, 75mm	215	0.22	1	3.0	0.67	4.6
3-7/16, 3-1/2 80mm, 85mm, 90mm	218	0.23	1	2.9	0.67	4.4
3-11/16, 3-15/16, 4 100mm	220	0.24	1	2.8	0.67	4.2
4-7/16, 4-1/2, 110mm	222	0.25	1	2.7	0.67	4.0
4-15/16, 5, 125mm	226	0.26	1	2.6	0.67	3.9

To find **X** and **Y**, divide **F_A/F_R** to determine **e** for the bearing shaft size. Determine **X** and **Y** from Chart 1 depending on whether **F_A/F_R** is equal to or less than **e**, or if **F_A/F_R** is greater than **e**.

Next substitute all known values into **P = X F_R + Y F_A** equation. Then insert the value of **P** into the **L₁₀** life formula to determine the life hours of the bearing, **RPM** is the shaft speed in revolutions per minute.

Insert resulting **P** value into the life equation to determine bearing life. The **C** (Dynamic Load Rating) for each bearing can be found on each of the bearing pages or on the insert page. Do not exceed the Static Load Rating **C₀** of any bearing or permanent damage will occur. If there are shock loads or harsh duty conditions, additional service factors should be used to allow additional capacity. Please consult PTI for further detail.

Misalignment

There are two types of misalignment: **Static**, which refers usually to a bearing alignment in a housing, or the alignment of the bearing / housing to the shaft. **Dynamic**, which is usually a misalignment that can be handled within the bearing while operating. Aligned bearings run smoother, cooler, and quieter than misaligned units. Consequently, misaligned bearings may run hotter than aligned units. Cooler running bearings will operate longer. These Double Row Spherical Roller Bearings have +/- 1-1/2° of static or dynamic misalignment. All misalignment is accommodated within the rolling elements.

SRE & SR2200 Spherical Roller Bearings



Load and Speed Ratings

Chart 2

Housing Size	Shaft Size d	Part No. Single Collar	Part No. Double Collar	C (Lbs)	Co (Lbs)	Max Speed (RPM) Grease-Triple Lip	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
208	30mm	476208-30MM	—	17,540	20,230	2,750	3,600	3,600
	35mm	476208-35MM	—					
	1-7/16	476208-107	476208-107VSB					
	1-1/2	476208-108	—					
209	40mm	476209-40MM	—	17,980	21,360	2,425	3,360	3,200
	45mm	476209-45MM	—					
	1-1/2	476209-108	—					
	1-11/16	476209-111	—					
	1-3/4	476209-112	—					
210	50mm	476210-50MM	—	20,230	24,730	2,225	3,180	3,180
	1-3/4	476210-112	—					
	1-15/16	476210-115	476210-115VSB					
	2	476210-200	—					
211	55mm	476211-55MM	—	23,600	28,100	2,000	2,800	2,800
	2-3/16	476211-203	—					
213	60mm	476213-60MM	476213-60MMVSB	37,090	46,090	1,700	2,300	2,300
	2-7/16	476213-207	476213-207VSB					
	2-1/2	476213-208	—					
215	65MM	476215-65MM	476215-65MMVSB	41,590	52,830	1,500	2,150	2,150
	70MM	476215-70MM	476215-70MMVSB					
	75MM	476215-75MM	476215-75MMVSB					
	2-11/16	476215-211	—					
	2-3/4	476215-212	—					
	2-15/16	476215-215	476215-215VSB					
	3	476215-300	—					
218	80MM	476218-80MM	—	62,950	83,180	1,250	1,600	1,600
	85MM	476218-85MM	476218-85MMVSB					
	90MM	476218-70MM	—					
	3-7/16	476218-307	476218-307VSB					
	3-1/2	476218-308	—					
220	100MM	476220-100MM	476220-100MMVSB	84,300	112,400	1,100	1,350	1,350
	3-15/16	476220-315	476220-315VSB					
	4	476220-400	—					
222	110MM	—	476222-110MMVSB	94,420	134,890	1,040	1,200	1,200
	4-7/16	—	476222-407VSB					
	4-1/2	—	476222-408VSB					
226	125MM	—	476226-125MMVSB	128,140	185,470	900	1,020	1,020
	4-15/16	—	476226-415VSB					
	5	—	476226-500VSB					

Notes: Higher speeds are typically with lighter loads. High speed is often the cause of higher temperatures in bearings.

Poor lubrication is also a cause of elevated temperatures. For questions and application support consult PTI.

Temperature / Lubrication

Bearings that operate at higher temperatures may also experience a reduced life. There are no specific simple formulas to predict this, but a good understanding and experience of the application will help maximize bearing life. A good quality Lithium Grease is normally recommended for general purpose applications and temperatures. For application in higher or lower temp environments, please consult PTI or a lubrication supplier. When re-lubricating, small amounts of grease at frequent intervals is more desirable than a large quantity infrequently. Re-lube while the bearing is rotating if possible. The normal operating bearing temperatures for these bearings are 10°F to 200°F in a clean environment. The housing surface will normally be 10-15 degrees cooler than the rolling elements. Higher or lower operating temperatures will require the use of a special

lube. Higher ambient temperatures require lube with special features and the bearing races should also be specially heat treated or "normalized" to improve their resistance to warping. Also, special seals, internal clearance and frequent lubrication (possibly daily) may be necessary. A bearing required to operate above 250°F will need to be de-rated in capacity. Load de-rated factors can be provided for elevated temperatures. Special seals, lubricant, internal clearances can also be provided.

Minimum Loads

Spherical Roller Bearings must always be operating under a minimum load. This keeps rollers positioned and eliminates roller skewing or skidding. Minimum loads should be at least 2% of the dynamic load rating. Generally the weight of shaft and drive equipment meet this requirement.

SRE & SR2200 Spherical Roller Bearings

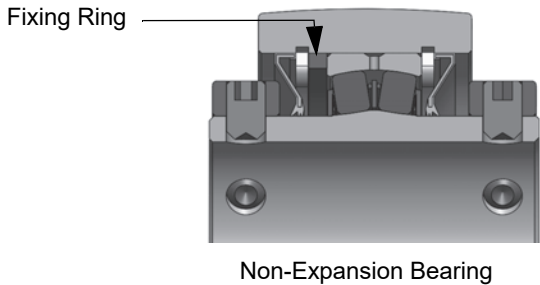


Expansion & Non-Expansion Bearings

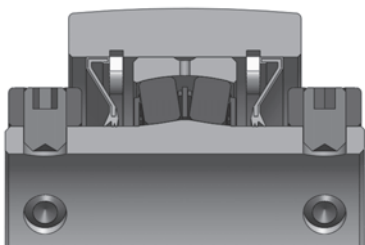
Expansion capability within a bearing indicates the ability to accommodate anticipated shaft length changes due to changing ambient temperatures that cause steel mounting structures or shafts to expand or contract. This change in shaft length or movement of the mounting frame can easily be accommodated within the Expansion Bearing. It is typical in these larger Units that one bearing is a Non-Expansion Bearing and the other an Expansion Bearing. The Non-Expansion Bearing should be installed first and generally next to the drive equipment. The Non-Expansion Bearing acts as an anchor, while the Expansion Bearing accommodates the changing shaft length. If two Non-Expansion Bearings are used on the

same shaft, any temperature changes may cause a shaft length change and impose an unwanted thrust load on the bearing resulting in higher bearing loads and shortened life. The bearing insert within the Expansion Bearing can float axially (by hand force) within the housing. When installing the bearing, center the insert within the housing (by pushing it back and forth to the center point) and tighten the set screws per the recommended levels in Chart 3 below. This will ensure the bearing can accommodate the anticipated shaft expansion or contraction. Tighten hold down bolts per Chart 4.

The schematic representation below shows the location of the fixing ring and the difference between Expansion and Non-Expansion Bearings



Non-Expansion Bearing



Expansion Bearing (less fixing ring)

Shaft Tolerances

Normal shafting tolerances are typically nominal to minus 0.0005" per inch of shaft diameter. Undersized shafts will result in fretting (slight working) of the bearing on the shaft.

A close fit of the bearing to the shaft will result in an improved bearing performance.

Set Screw Torque & Axial Loads on Set Screws

Chart 3

Shaft Size (in) / (mm)	Housing Size	Set Screw	Torque	Allowable Axial Load
		No. & Size	in-lbs	lbs
1-7/16, 1-1/2 30mm, 35mm	208	(2) 3/8-24	250	515
1-1/2, 1-11/16, 1-3/4 40mm, 45mm	209	(2) 3/8-24	250	515
1-15/16, 2 50mm	210	(2) 3/8-24	250	515
2-3/16 55mm	211	(2) 3/8-24	250	515
2-7/16, 2-1/2 60mm	213	(2) 1/2-20	620	900
2-11/16, 2-3/4, 2-15/16, 3 65mm, 70mm, 75mm	215	(2) 1/2-20	620	900
3-7/16, 3-1/2 80mm, 85mm, 90mm	218	(2) 1/2-20	620	900
3-15/16, 4 100mm	220	(2) 5/8-18	1325	1200
4-7/16, 4-1/2 110mm	222	(2) 5/8-18	1325	1200
4-15/16, 5 125mm	226	(2) 5/8-18	1325	1200

Contact PTI for additional details or requests.

Hold Down Bolts*

Chart 4

Size (in)	Grade 2	Grade 5
	ft-lbs	ft-lbs
1/2	50	75
5/8	100	150
3/4	175	260
7/8	180	430

*Use a flat washer under bolts.
Torque listed for Dry (un-lubricated) Bolts.



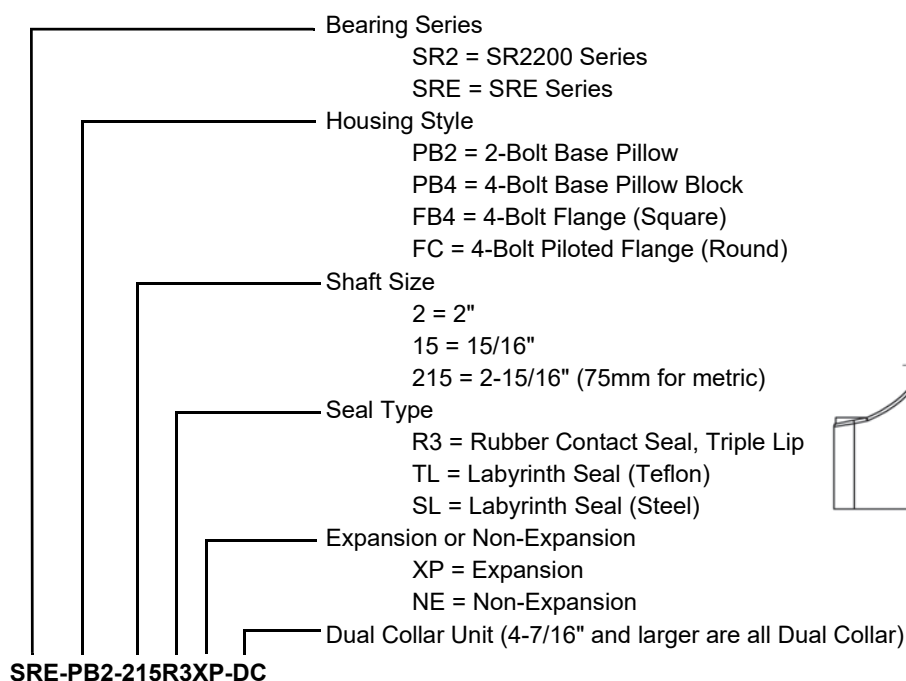
Custom Units

SRE & SR2200 Units can be modified to include Thermal or Vibration Sensors. All have optional seals & end covers.

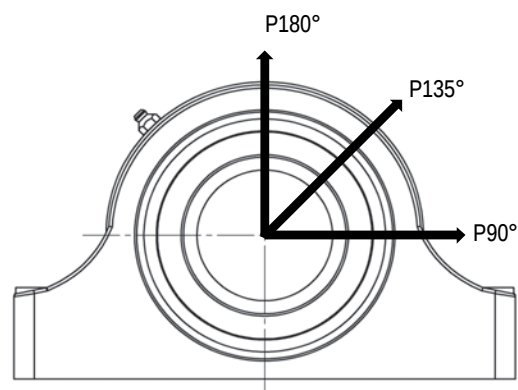
SRE & SR2200 Spherical Roller Bearings



Nomenclature: Example SRE-PB2-215R3XP-DC



Cap Load Direction



Allowable Cap Loads for Pillow Blocks

An application load directed through the base of the pillow block is the recommended direction for loads. However, when loads are directed through the cap, use the following Allowable Cap Loads (Safe Loads) listed below. Use grade 8 bolts, properly tightened, with chalk blocks next to the housing to restrict side or end movement of the housing. Allowable Cap Loads represent a

nominal safety factor of 6 according to general engineering practice (approximately 17% of the breaking load). Some thrust loads may be allowed on Spherical Roller Bearings as long as the thrust ratings are below 25% of the radial load. Shaft Collars next to the Inner Ring are recommended when thrust loads are present. Consult PTI for additional information.

2-Bolt Base SRE Housing Rating - Ductile Iron (Lbs)

Shaft Size (in)(mm)	Housing	P90°	P135°	P180°
1-7/16, 2, 30mm, 35mm	208	8,060	4,160	5,070
1-1/2, 1-11/16, 40mm, 45mm	209	10,140	5,720	6,760
1-3/4, 1-15/16, 2, 50mm	210	11,700	6,760	8,320
2-3/16, 55mm	211	13,520	8,060	9,620
2-7/16, 2-1/2, 60mm	213	15,080	9,100	10,790
2-11/16, 2-3/4, 2-15/16, 3 65mm, 70mm, 75mm	215	16,900	10,660	13,000
3-7/16, 3-1/2 80mm, 85mm, 90mm	218	18,980	11,960	14,690

2-Bolt Base SR2 Housing Rating - Ductile Iron (Lbs)

Shaft Size (in)(mm)	Housing	P90°	P135°	P180°
1-1/2, 1-7/16, 30mm, 35mm	208	8,060	4,160	5,070
1-11/16, 1-3/4, 40mm, 45mm	209	10,140	5,720	6,760
1-15/16, 2, 50mm	210	11,700	6,760	8,320
2-3/16, 55mm	211	13,520	8,060	9,620
2-7/16, 2-1/2, 60mm	213	15,080	9,100	10,790
2-11/16, 2-3/4, 2-15/16, 3 65mm, 70mm, 75mm	215	16,900	10,660	13,000
3-7/16, 3-1/2 80mm, 85mm, 90mm	218	18,980	11,960	14,690
3-15/16, 4, 100mm	220	20,800	13,000	16,120

4-Bolt Base SRE Housing Rating - Ductile Iron (Lbs)

Shaft Size (in)(mm)	Housing	P90°	P135°	P180°
2-7/16, 2-1/2, 60mm	213	22,360	11,440	12,350
2-11/16, 2-3/4, 2-15/16, 3 65mm, 70mm, 75mm	215	27,040	14,300	15,600
3-7/16, 3-1/2 80mm, 85mm, 90mm	218	30,680	17,680	18,720
3-15/16, 4, 100mm	220	34,840	21,060	21,580
4-7/16, 4-1/2, 110mm	222	38,480	24,180	24,960
4-15/16, 5, 125mm	226	42,640	26,780	27,560

4-Bolt Base SR2 Housing Rating - Ductile Iron (Lbs)

Shaft Size (in)	Housing	P90°	P135°	P180°
2-7/16, 2-1/2, 60mm	213	22,360	11,440	12,350
2-11/16, 2-3/4, 2-15/16, 3 65mm, 70mm, 75mm	215	27,040	14,300	15,600
3-7/16, 3-1/2 80mm, 85mm, 90mm	218	30,680	17,680	18,720
3-15/16, 4, 100mm	220	34,840	21,060	21,580
4-7/16, 4-1/2, 110mm	222	38,480	24,180	24,960
4-15/16, 5, 125mm	226	42,640	26,780	27,560

SRE & SR2200 Spherical Roller Bearing



Interchange Guide

SR2200 Series (Spherical)

Unit										
Housing Style	2-Bolt Pillow Block	2-Bolt Pillow Block	4-Bolt Pillow Block	4-Bolt Pillow Block	4-Bolt Square Flange	4-Bolt Square Flange	Piloted Flange	Piloted Flange	Wide Slot Take-Up	Wide Slot Take-Up
Non-Exp or Expansion	Non-Exp	Expansion	Non-Exp	Expansion	Non-Exp	Expansion	Non-Exp	Expansion	Non-Exp	Expansion
PTI	SR2PB2.NE	SR2-PB2-XP	SR2-PB4..NE	SR2-PB4..XP	SR2-FB4..NE	SR2-FB4..XP	SR2-FC..NE	SR2-FC..XP	SR2-WSTU..NE	SR2-WSTU..XP
FYH	XS2P	XS2P..F	XS4P	XS4P..F	XS4F	XS4F..F	XS4FC	XS4FC..F	XST	XST..F
Hub City Moduline	KPB	KPB..EXP	KPBF	KPBF..EXP	KFB	KFB..EXP	N/A	N/A	N/A	N/A
Jones	JA2000 NXP	JA2000 EXP	N/A	N/A	JYR2000 NXP*	JYR2000 EXP*	JYRP2000 NXP	JYRP2000 EXP	JT2000 JT5000	N/A
Link-Belt	PB22400H	PEB22500H	PB22400FH PB22500FH	PEB22400FH PEB22500FH	FB22400H^	FEB22400H^	FCB22400H	N/A	TB22400H	N/A
Moline M2000	19221	19121	19241	19141	19211	19111	19231	19131	19251	19151
REX	ZA2000	ZAS2000	ZA2000F ZA5000F	ZAS200F ZAS500F	ZB2000^	ZBS2000^	ZBR2000	N/A	ZT2000 ZT5000	N/A
Sealmaster	USRB 5000	USRB 5000E	USRBF 5000	USRBF 5000E	USFB 5000	USFB 5000E	USFC 5000	USFC 5000E	USTU 5000	USTU 5000E
SKF	SYR-H	SYR	N/A	N/A	FYR-H*	FYR*	FYRP-H	FYRP	TBR-H	TBR
Timken (QM)	QAPL..SM QAAPL..SM	QAPL..SM QAAPL..SEM	QAPF..SM QAAPF..SM	QAPF..SEM QAAPF..SEM	QAFL..SM QAAFL..SM	QAFL..SEM QAAFL..SEM	QACW..SM QAACW..SM	QACW..SEM QAACW..SEM	QATU..SM QAATU..SM	QATU..SEM QAATU..SEM

Notes: **JONES**, **SKF** -*Round Flange. **LINK-BELT** - 2000=Single Collar, 5000=Double Collar, ^ For 3" shaft and below. **REX** - 2000=Single Collar, 5000=Double Collar, ZB series uses round flanges. **TIMKEN (QM)** - QA=Single Collar, QAA=Double Collar.

SRE & SR2200 Spherical Roller Bearing



Interchange Guide

SR2200 Series (Spherical)

Housing Style	Expansion or Non-Expansion	PTI	FYH	Hub City Moduline	Jones	Link-Belt	Moline M2000	REX	Sealmaster	SKF	Timken (QM)
2-Bolt Pillow Block	Non-Expansion	SR2-PB2...NE	XS2P	KPB	JA2000 NXP	PB22400H	19221	ZA2000	USRB5000	SYR-H	QAPL...SM, QAAPL...SM
2-Bolt Pillow Block	Expansion	SR2-PB2...XP	XS2P...F	KPB...EXP	JA2000 EXP	PEB22400H	19121	ZAS2000	USRB5000E	SYR	QAPL...SEM QAAPL...SEM
4-Bolt Pillow Block	Non-Expansion	SR2-PB4...NE	XS4P	KPBF	N/A	PB22400FH PB22500FH	19241	ZA2000F ZA5000F	USRBF5000	N/A	QAPF...SM QAAPF...SM
4-Bolt Pillow Block	Expansion	SR2-PB4...XP	XS4P...F	KPBF...EXP	N/A	PEB22400FH PEB22500FH	19141	ZAS2000F ZAS5000F	USRBF5000E	N/A	QAPF...SEM QAAPF...SEM
4-Bolt Square Flange	Non-Expansion	SR2-FB4...NE	XS4F	KFB	JYR2000 NXP*	FB22400H^	19211	ZB2000^	USFB5000	FYR-H*	QAFL...SM QAAPL...SM
4-Bolt Square Flange	Expansion	SR2-FB4...XP	XS4F...F	KFB...EXP	JYR2000 EXP*	FEB22400H^	19111	ZBS2000^	USFB5000E	FYR*	QAFL...SEM QAAPL...SEM
Piloted Flange	Non-Expansion	SR2-FC...NE	XS4FC	N/A	JYRP2000 NXP	FCB22400H	19231	ZBR2000	USFC5000	FYRP-H	QACW...SM QAACW...SM
Piloted Flange	Expansion	SR2-FC...XP	XS4FC...F	N/A	JYRP2000 EXP	N/A	19131	N/A	USFC5000E	FYRP	QACW...SEM QAACW...SEM
Wide Slot Take-Up	Non-Expansion	SR2-WSTU...NE	XST	N/A	JT2000 JT5000	TB22400H	19251	ZT2000 ZT5000	USTU5000	TBR-H	QATU...SM QAATU...SM
Wide Slot Take-Up	Expansion	SR2-WSTU...XP	XST...F	N/A	N/A	N/A	19151	N/A	USTU5000E	TBR	QATU...SEM QAATU...SEM

Notes * Round Flange, ^ For 3" shaft and below, 2000 = Single Collar 2000 = Single Collar QA = Single Collar
 REX ZB series uses round flanges 5000 = Double Collar 5000 = Double Collar QAA = Double Collar

SRE Series (Spherical Type E)

Housing Style	Expansion or Non-Expansion	PTI	FYH	Hub City Moduline	Jones	Link-Belt	Moline M2000	REX	Sealmaster	SKF	Timken (QM)
2-Bolt Pillow Block	Non-Expansion	SRE-PB2...NE	XSE2P	KPBE	JE2000 NXP	EPB22400H	29221	ZEP2000 ZEP5000	USRB5000E	SYE-H	QAP...SM, QAAP...SM
2-Bolt Pillow Block	Expansion	SRE-PB2...XP	XSE2P...F	KPBE...EXP	JE2000 EXP	EPEB22400H	29121	ZEPS2000 ZEPS5000	USRB5000E	SYE	QAP...SEM QAAP...SEM
4-Bolt Pillow Block	Non-Expansion	SRE-PB4...NE	XSE4P	KPBEF	JE2000F JE5000 NXP	EPB22400FH EPB22500FH	N/A	ZEP2000F ZEP5000F	USRBF5000E	N/A	QAPR...SM QAAPR...SM
4-Bolt Pillow Block	Expansion	SRE-PB4...XP	XSE4P...F	KPBEF...EXP	JE2000F JE5000 EXP	EPEB22400FH EPEB22500FH	N/A	ZEPS2000F ZEPS5000F	USRBF5000E	N/A	QAPR...SEM QAAPR...SEM

SRE Series (Tapered Type E)

Housing Style	Expansion or Non-Expansion	PTI	Moline	Royersford	Timken	Sealmaster RPB	Hub City Type E
2-Bolt Pillow Block	Non-Expansion	SRE-PB2...NE	19321...	20-02	E-P2B-TRB	RPB...2	EPB2
2-Bolt Pillow Block	Expansion	SRE-PB2...XP	N/A	N/A	N/A	ERP...2	N/A
4-Bolt Pillow Block	Non-Expansion	SRE-PB4...NE	19341...	20-04	E-P4B-TRB	RPB...4	EPB4
4-Bolt Pillow Block	Expansion	SRE-PB4...XP	N/A	N/A	N/A	ERP...4	N/A

SRE Spherical Roller Bearings



SRE-PB2 Series - Pillow Blocks

2-Bolt Solid Base

Single & Dual Locking Collars

Inch & Metric Bores

Ductile Iron Housing

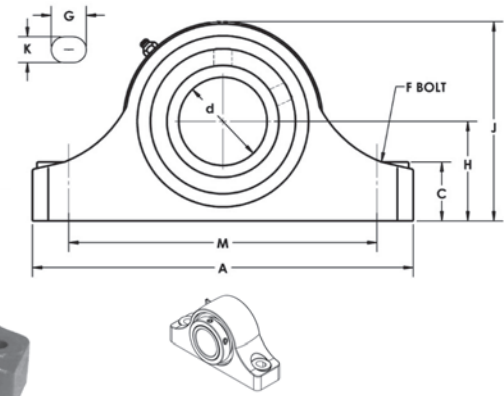
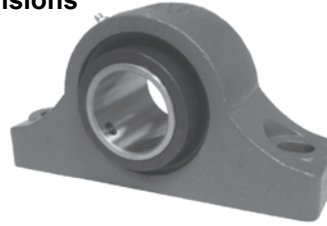
Interchanges with Tapered E-Series Dimensions

Expansion & Non-Expansion Units

Self-Aligning (+/- 1-1/2°)

R3 Triple Lip Contact Seals

Teflon Seals & End Cover Options



Models Available

Housing Size	Shaft Size d	Single Locking Collar			Dual Locking Collar**			Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
		Part No. Expansion	Part No. Non-Expansion	Wt. Lb	Part No. Expansion	Part No. Non-Expansion	Wt. Lb					
208	30mm	SRE-PB2-30MMR3XP	SRE-PB2-30MMR3NE	8	—	—	—	17,540	20,230	2750	3600	3600
	35mm	SRE-PB2-35MMR3XP	SRE-PB2-35MMR3NE	8	—	—	—					
	1-7/16	SRE-PB2-107R3XP	SRE-PB2-107R3NE	8	SRE-PB2-107R3XP-DC	SRE-PB2-107R3NE-DC	9					
209	40mm	SRE-PB2-40MMR3XP	SRE-PB2-40MMR3NE	9.5	—	—	—	17,980	21,360	2425	3360	3360
	45mm	SRE-PB2-45MMR3XP	SRE-PB2-45MMR3NE	9.5	—	—	—					
	1-11/16	SRE-PB2-111R3XP	SRE-PB2-111R3NE	9.5	—	—	—					
	1-3/4	SRE-PB2-112R3XP	SRE-PB2-112R3NE	9.5	—	—	—					
210	50mm	SRE-PB2-50MMR3XP	SRE-PB2-50MMR3NE	12	—	—	—	20,230	24,730	2225	3180	3180
	1-15/16	SRE-PB2-115R3XP	SRE-PB2-115R3NE	12	SRE-PB2-115R3XP-DC	SRE-PB2-115R3NE-DC	14					
	2	SRE-PB2-200R3XP	SRE-PB2-200R3NE	12	—	—	—					
211	55mm	SRE-PB2-55MMR3XP	SRE-PB2-55MMR3NE	16	—	—	—	23,600	28,100	2000	2800	2800
	2-3/16	SRE-PB2-203R3XP	SRE-PB2-203R3NE	16	—	—	—					
	60mm	SRE-PB2-60MMR3XP	SRE-PB2-60MMR3NE	20	—	—	—					
213	2-7/16	SRE-PB2-207R3XP	SRE-PB2-207R3NE	20	SRE-PB2-207R3XP-DC	SRE-PB2-207R3NE-DC	22	37,090	46,090	1700	2300	2300
	2-1/2	SRE-PB2-208R3XP	SRE-PB2-208R3NE	20	—	—	—					
	65mm	SRE-PB2-65MMR3XP	SRE-PB2-65MMR3NE	28	—	—	—					
215	70mm	SRE-PB2-70MMR3XP	SRE-PB2-70MMR3NE	28	—	—	—	41,590	52,830	1500	2150	2150
	75mm	SRE-PB2-75MMR3XP	SRE-PB2-75MMR3NE	27	—	—	—					
	2-11/16	SRE-PB2-211R3XP	SRE-PB2-211R3NE	28	—	—	—					
	2-3/4	SRE-PB2-212R3XP	SRE-PB2-212R3NE	28	—	—	—					
	2-15/16	SRE-PB2-215R3XP	SRE-PB2-215R3NE	27	SRE-PB2-215R3XP-DC	SRE-PB2-215R3NE-DC	28					
	3	SRE-PB2-300R3XP	SRE-PB2-300R3NE	27	—	—	—					
218	80mm	SRE-PB2-80MMR3XP	SRE-PB2-80MMR3NE	45	—	—	—	62,950	83,180	1250	1600	1600
	85mm	SRE-PB2-85MMR3XP	SRE-PB2-85MMR3NE	45	SRE-PB2-85MMR3XP-DC	SRE-PB2-85MMR3NE-DC	48					
	90mm	SRE-PB2-90MMR3XP	SRE-PB2-90MMR3NE	45	—	—	—					
	3-7/16	SRE-PB2-307R3XP	SRE-PB2-307R3NE	45	SRE-PB2-307R3XP-DC	SRE-PB2-307R3NE-DC	48					
	3-1/2	SRE-PB2-308R3XP	SRE-PB2-308R3NE	45	—	—	—					

Note: * For load ratings in Newtons, multiply Lbs by 4.44. ** Dual locking collar units other than those listed are available from production. Contact PTI.

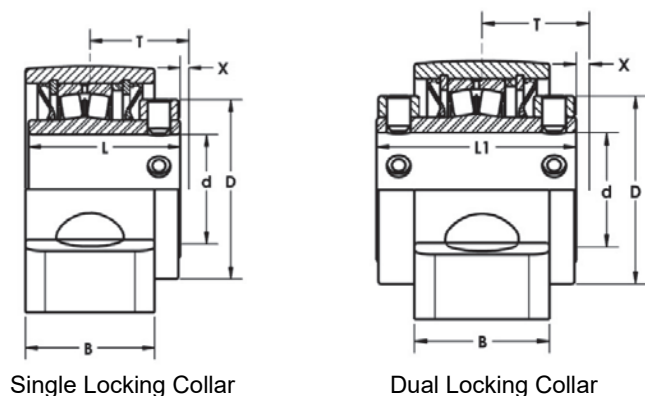
Optional Teflon Seals & End Covers 208-213 Sizes (215-218 continued on next page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
208	30mm	SRE-PB2-30MMTLXP	SRE-PB2-30MMTLNE	—	—	SROEC208-30MM	—	SRCEC208	76	24	34
	35mm	SRE-PB2-35MMTLXP	SRE-PB2-35MMTLNE	—	—	SROEC208-35MM	—		3.0	0.9	1.3
	1-7/16	SRE-PB2-107TLXP	SRE-PB2107TLNE	SRE-PB2-107TLXP-DC	SRE-PB2-107TLXP-DC	SROEC208-23	LERDC17				
	1-1/2	SRE-PB2-108TLXP	SRE-PB2-108TLNE	—	—	SROEC208-24					
209	40mm	SRE-PB2-40MMTLXP	SRE-PB2-40MMTLNE	—	—	SROEC209-40MM	—	SRCEC209	86	28	38
	45mm	SRE-PB2-45MMTLXP	SRE-PB2-45MMTLNE	—	—	SROEC209-45MM	—				
	1-11/16	SRE-PB2-111TLXP	SRE-PB2-111TLNE	—	—	SROEC209-27	LERDC20		3.4	1.1	1.5
	1-3/4	SRE-PB2112TLXP	SRE-PB2-112TLNE	—	—	SROEC209-28					
210	50mm	SRE-PB2-50MMTLXP	SRE-PB2-50MMTLNE	—	—	SROEC210-50MM	—	SRCEC210	91	24	34
	1-15/16	SRE-PB2-115TLXP	SRE-PB2-115TLNE	SRE-PB2-115TLXP-DC	SRE-PB2-115TLNE-DC	SROEC210-31	LERDC24		3.6	0.9	1.3
	2	SRE-PB2-200TLXP	SRE-PB2-200TLNE	—	—	SROEC210-2					
211	55mm	SRE-PB2-55MMTLXP	SRE-PB2-55MMTLNE	—	—	SROEC211-55MM	—	SRCEC211	102	28	38
	2-3/16	SRE-PB2-203TLXP	SRE-PB2-203TLNE	—	—	SROEC211-35	LERDC29		4.0	1.1	1.5
	60mm	SRE-PB2-60MMTLXP	SRE-PB2-60MMTLNE	—	—	SROEC213-60MM	—		122	28	41
213	2-7/16	SRE-PB2-207TLXP	SRE-PB2-207TLNE	SRE-PB2-207TLXP-DC	SRE-PB2-207TLNE-DC	SROEC213-39	LERDC37	SRCEC213	4.8	1.1	1.6
	2-1/2	SRE-PB2-208TLXP	SRE-PB2-208TLNE	—	—	SROEC213-40					

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

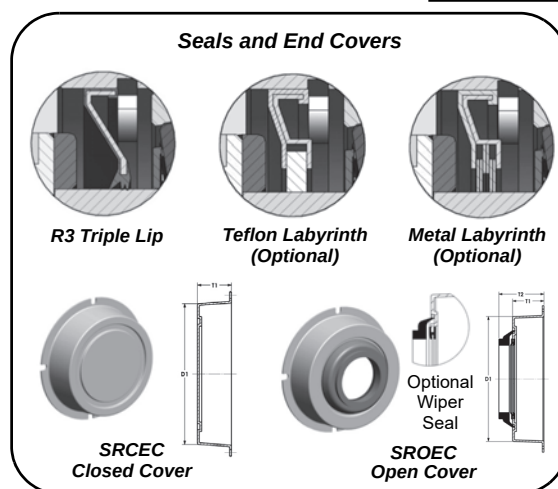
SRE Spherical Roller Bearings

SRE-PB2 Series - Pillow Blocks



Single Locking Collar

Dual Locking Collar



Housing Size	Shaft Size d	Dimensions (mm) / (in)														
		A	B	C	D	F Bolt	G	H	J	K	L	L1	M Min	M Max	T	X Expansion
208	30mm	187	54	29	60	M12	20.6	47.6	95.3	14.3	69.9	88.90	140	152	47	4mm
	35mm 1-7/16	7.4	2.1	1.1	2.4	1/2	0.81	1.875	3.75	0.56	2.75	3.50	5.50	6.00	1.83	0.16
209	40mm	200	60	32	67	M12	20.6	54.0	108.0	14.3	73.0	96.80	152	165	51	6mm
	45mm 1-11/16 1-3/4	7.9	2.4	1.3	2.6	1/2	0.81	2.125	4.25	0.56	2.88	3.81	6.00	6.50	2.00	0.24
210	50mm	225	64	33	73	M16	23.8	57.2	114.3	17.5	73.0	95.30	171	184	51	6mm
	1-3/4 1-15/16 2	8.9	2.5	1.3	2.9	5/8	0.94	2.250	4.50	0.69	2.88	3.75	6.75	7.25	2.00	0.24
211	55mm	224	67	38	83	M16	23.8	63.50	127.0	17.5	79.5	101.6	191	203	54	6mm
	2-3/16	8.82	2.6	1.5	3.3	5/8	0.94	2.500	5.00	0.69	3.13	4.00	7.50	8.00	2.13	0.24
213	60mm	267	73	41	102	M16	23.8	69.85	139.7	17.5	85.7	108.00	210	222	57	6mm
	2-7/16 2-1/2	10.5	2.9	1.6	4.0	5/8	0.94	2.750	5.50	0.69	3.38	4.25	8.25	8.75	2.25	0.24
215	65mm	305	76	48	114	M20	27.0	79.4	159	20.6	92.2	120.70	235	248	64	6mm
	70mm															
	75mm															
	2-11/16 2-3/4 2-15/16 3	12.000	3.000	1.875	4.500	3/4	1.063	3.125	6.250	0.813	3.625	4.75	9.250	9.750	2.500	0.24
218	80mm	356	92	57	130	M20	31.8	95.25	191	23.8	102	131.70	271	287	69	6mm
	85mm 90mm 3-7/16 3-1/2	14.000	3.625	2.250	5.130	7/8	1.250	3.750	7.500	0.938	4.031	5.19	10.688	11.313	2.717	0.24

Optional Teflon Seals & End Covers 215-218 Sizes (208-213 on previous page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SRE-PB2-65MMLXP	SRE-PB2-65MMLTNE	—	—	SROEC215-65MM	—	SRCEC215	132.1	32.5	47.2
	70mm	SRE-PB2-70MMLXP	SRE-PB2-70MMLTNE	—	—	SROEC215-70MM	LER44DC				
	75mm	SRE-PB2-75MMLXP	SRE-PB2-75MMLTNE	—	—	SROEC215-75MM	LER53DC				
	2-11/16	SRE-PB2-211TLXP	SRE-PB2-211TLNE	—	—	SROEC215-43	LER44DC				
	2-3/4	SRE-PB2-212TLXP	SRE-PB2-212TLNE	—	—	SROEC215-44	LER44DC	SRCEC218	5.2	1.28	1.86
	2-15/16	SRE-PB2-215TLXP	SRE-PB2-215TLNE	SRE-PB2-215TLXP-DC	SRE-PB2-215TLNE-DC	SROEC215-47	LER53DC				
	3	SRE-PB2-300TLXP	SRE-PB2-300TLNE	—	—	SROEC215-48	LER53DC				
218	80mm	SRE-PB2-80MMLXP	SRE-PB2-80MMLTNE	—	—	SROEC218-80MM	—	SRCEC218	160	32.5	45.5
	85mm	SRE-PB2-85MMLXP	SRE-PB2-85MMLTNE	SRE-PB2-85MMLXP-DC	SRE-PB2-85MMLTNE-DC	SROEC218-85MM	LER102DC				
	90mm	SRE-PB2-90MMLXP	SRE-PB2-90MMLTNE	—	—	SROEC218-90MM	LER102DC				
	3-7/16	SRE-PB2-307TLXP	SRE-PB2-307TLNE	SRE-PB2-307TLXP-DC	SRE-PB2-307TLNE-DC	SROEC218-55	LER102DC				
	3-1/2	SRE-PB2-308TLXP	SRE-PB2-208TLNE	—	—	SROEC218-56	LER102DC	SRCEC218	6.3	1.28	1.79

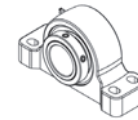
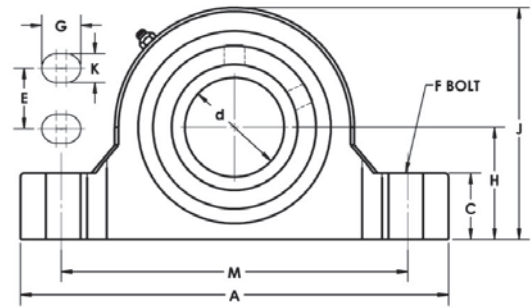
Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SRE Spherical Roller Bearings



SRE-PB4 Series - Pillow Blocks

4-Bolt Solid Base
Single & Dual Locking Collars
Inch & Metric Bores
Ductile Iron Housing
Interchanges with Tapered E-Series Dimensions
Expansion & Non-Expansion Units
Self-Aligning (+/- 1-1/2°)
R3 Triple Lip Contact Seals
Teflon Seals & End Cover Options



Models Available

Housing Size	Shaft Size d	Single Locking Collar			Dual Locking Collar**			Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
		Part No. Expansion	Part No. Non-Expansion	Wt. Lb	Part No. Expansion	Part No. Non-Expansion	Wt. Lb					
215	70mm	SRE-PB4-70MMR3XP	SRE-PB4-70MMR3NE	28	—	—	—	41,590	52,830	1500	2150	2150
	75mm	SRE-PB4-75MMR3XP	SRE-PB4-75MMR3NE	28	SRE-PB4-75MMR3XP-DC	SRE-PB4-75MMR3NE-DC	29					
	2-11/16	SRE-PB4-211R3XP	SRE-PB4-211R3NE	28	—	—	—					
	2-4/3	SRE-PB4-212R3XP	SRE-PB4-212R3NE	28	—	—	—					
	2-15/16	SRE-PB4-215R3XP	SRE-PB4-215R3NE	27	SRE-PB4-215R3XP-DC	SRE-PB4-215R3NE-DC	29					
	3	SRE-PB4-300R3XP	SRE-PB4-300R3NE	27	—	—	—					
218	80mm	SRE-PB4-80MMR3XP	SRE-PB4-80MMR3NE	44	—	—	—	62,950	83,180	1250	1600	1600
	85mm	SRE-PB4-85MMR3XP	SRE-PB4-85MMR3NE	44	SRE-PB4-85MMR3XP-DC	SRE-PB4-85MMR3NE-DC	47					
	90mm	SRE-PB4-90MMR3XP	SRE-PB4-90MMR3NE	44	—	—	—					
	3-7/16	SRE-PB4-307R3XP	SRE-PB4-307R3NE	44	SRE-PB4-307R3XP-DC	SRE-PB4-307R3NE-DC	47					
	3-1/2	SRE-PB4-308R3XP	SRE-PB4-308R3NE	44	—	—	—					
	—	—	—	—	—	—	—					
220	100mm	SRE-PB4-100RMM3XP	SRE-PB4-100MMR3NE	55	—	—	—	84,300	112,400	1100	1350	1350
	3-15/16	SRE-PB4-315R3XP	SRE-PB4-315R3NE	55	SRE-PB4-315R3XP-DC	SRE-PB4-315R3NE-DC	57					
	4	SRE-PB4-400R3XP	SRE-PB4-400R3NE	55	—	—	—					
222	110mm	—	—	—	SRE-PB4-110MMR3XP	SRE-PB4-110MMR3NE	80	94,420	134,890	1040	1200	1200
	4-7/16	—	—	—	SRE-PB4-407R3XP	SRE-PB4-407R3NE	80					
	4-1/2	—	—	—	SRE-PB4-408R3XP	SRE-PB4-408R3NE	80					
226	125mm	—	—	—	SRE-PB4-125MMR3XP	SRE-PB4-125MMR3NE	120	128,140	185,470	900	1020	1020
	4-15/16	—	—	—	SRE-PB4-415R3XP	SRE-PB4-415R3NE	120					
	5	—	—	—	SRE-PB4-500R3XP	SRE-PB4-500R3NE	120					

Note: * For load ratings in Newtons, multiply Lbs by 4.44. ** Dual locking collar units other than those listed are available from production. Contact PTI.

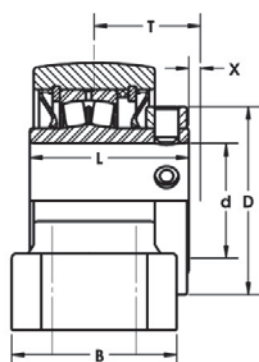
Optional Teflon Seals & End Covers 215-218 Sizes (220-226 continued on next page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SRE-PB4-65MMTLXP	SRE-PB4-65MMTLNE	—	—	SROEC215-65mm	—	SRCEC215	132.1	32.5	47.2
	70mm	SRE-PB4-70MMTLXP	SRE-PB4-70MMTLNE	—	—	SROEC215-70mm	LER44DC				
	75mm	SRE-PB4-75MMTLXP	SRE-PB4-75MMTLNE	—	—	SROEC215-75mm	LER53DC				
	2-11/16	SRE-PB4-211TLXP	SRE-PB4-211TLNE	—	—	SROEC215-43	LER44DC	SRCEC218	5.2	1.28	1.86
	2-3/4	SRE-PB4-212TLXP	SRE-PB4-212TLNE	—	—	SROEC215-44	LER44DC				
	2-15/16	SRE-PB4-215TLXP	SRE-PB4-215TLNE	SRE-PB4-215TLXP-DC	SRE-PB4-215TLNE-DC	SROEC215-47	LER53DC				
218	3	SRE-PB4-300TLXP	SRE-PB4-300TLNE	—	—	SROEC215-48	LER53DC	SRCEC218	160	32.5	45.5
	80mm	SRE-PB4-80MMTLXP	SRE-PB4-80MMTLNE	—	—	SROEC218-80mm	—				
	85mm	SRE-PB4-85MMTLXP	SRE-PB4-85MMTLNE	SRE-PB4-85MMTLXP-DC	SRE-PB4-85MMTLNE-DC	SROEC218-85mm	LER102DC				
	90mm	SRE-PB4-90MMTLXP	SRE-PB4-90MMTLNE	—	—	SROEC218-90mm	LER102DC	SRCEC218	6.3	1.28	1.79
	3-7/16	SRE-PB4-307TLXP	SRE-PB4-307TLNE	SRE-PB4-307TLXP-DC	SRE-PB4-307TLNE-DC	SROEC218-55	LER102DC				
	3-1/2	SRE-PB4-308TLXP	SRE-PB4-308TLNE	—	—	SROEC218-56	LER102DC				

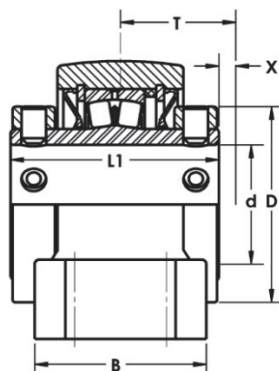
Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately

SRE Spherical Roller Bearings

SRE-PB4 Series - Pillow Blocks



Single Locking Collar



Dual Locking Collar

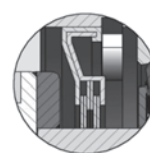
Seals and End Covers



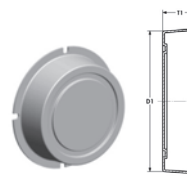
R3 Triple Lip
(Standard)



Teflon Labyrinth
(Optional)



Metal Labyrinth
(Optional)



SRCEC
Closed Cover



SROEC
Open Cover

Housing Size	Shaft Size d	Dimensions (mm) / (in)															
		A	B	C	D	E	F Bolt	G	H	J	K	L	L1	M Min	M Max	T	X Expansion
215	70mm	305	102	47.8	114.3	54.1	M16	28.7	79.38	160	21	92.1	12.6	233	249	63.3	6mm
	75mm																
	2-11/16	12.00	4.00	1.88	4.50	2.13	3/4	1.130	3.125	6.31	0.810	3.625	4.750	9.188	9.813	2.493	0.24
	2-4/3 2-15/16 3																
218	80mm	356	114	57	130.3	60.40	M20	31.8	95.25	191	24	102.400	131.8	271	287	68.9	6mm
	85mm																
	90mm																
	3-7/16 3-1/2	14.00	4.50	2.25	5.13	2.380	7/8	1.250	3.750	7.50	0.940	4.030	5.190	10.688	11.313	2.711	0.24
220	100mm	387	114	62	152.4	57.00	M20	30.2	107.95	246	24	125.7	150.8	311	324	79.0	7mm
	3-15/16	15.25	4.50	2.44	6.00	2.250	7/8	1.190	4.250	8.70	0.940	4.594	5.940	12.25	12.75	3.110	0.28
	4																
222	110mm	422	118	70	155.6	63.5	M20	30.2	120.65	246	24	—	155.5	336	349	82.3	9mm
	4-7/16	16.63	4.63	2.75	6.13	2.500	7/8	1.19	4.750	9.67	0.94	—	6.125	13.25	13.75	3.240	0.35
	4-1/2																
226	125mm	470	130	76	174.8	73.1	M20	31.8	139.70	283	25	—	168.3	387	400	88.6	9mm
	4-15/16	18.50	5.13	3.00	6.88	2.880	7/8	1.250	5.500	11.1	1.000	—	6.625	15.25	15.75	3.490	0.35
	5																

Optional Teflon Seals & End Covers 220-226 Sizes (215-218 on previous page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
220	100mm	SR2-PB4-100MTLXP	SR2-PB4-100MTLNE	—	—	SROEC220-100MM	LER109DC	SRCEC220	180.3	38.1	54.1
	3-15/16	SR2-PB4-315TLXP	SR2-PB4-315TLNE	SR2-PB4-315TLXP-DC	SR2-PB4-315TLNE-DC	SROEC220-63	LER109DC		7.1	1.50	2.13
	4	SR2-PB4-400TLXP	SR2-PB4-400TLNE	—	—	SROEC220-64	LER109DC	SRCEC222	201	41.4	53.6
	110mm	—	—	SRE-PB4-110MTLXP-DC	SRE-PB4-110MTLNE-DC	SROEC222-110MM	LER117DC		7.9	1.63	2.11
222	4-7/16	—	—	SRE-PB4-407TLXP-DC	SRE-PB4-407TLNE-DC	SROEC222-71	—	SRCEC226	229	41.4	58.7
	4-1/2	—	—	SRE-PB4-408TLXP-DC	SRE-PB4-408TLNE-DC	SROEC222-72	—		9.0	1.63	2.31
226	125mm	—	—	SRE-PB4-125MTLXP-DC	SRE-PB4-125MTLNE-DC	SROEC226-125MM	LER122DC	SRCEC226	229	41.4	58.7
	4-15/16	—	—	SRE-PB4-415TLXP-DC	SRE-PB4-415TLNE-DC	SROEC226-79	LER122DC		9.0	1.63	2.31
	5	—	—	SRE-PB4-500TLXP-DC	SRE-PB4-500TLNE-DC	SROEC226-80	—	SRCEC226	229	41.4	58.7
									9.0	1.63	2.31

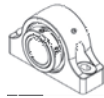
Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SR2200 Spherical Roller Bearings

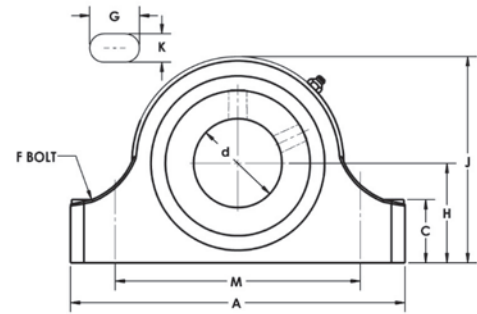


SR2-PB2 Series - Pillow Blocks

2-Bolt Solid Base
Single & Dual Locking Collars
Inch & Metric Bores
Ductile Iron Housing
Expansion & Non-Expansion Units
Self-Aligning (+/- 1-1/2°)
R3 Triple Lip Contact Seals
Teflon Seals & End Cover Options



Models Available



Housing Size	Shaft Size d	Single Locking Collar			Dual Locking Collar**			Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
		Part No. Expansion	Part No. Non-Expansion	Wt. Lb	Part No. Expansion	Part No. Non-Expansion	Wt. Lb					
208	30mm	SR2-PB2-30MMR3XP	SR2-PB2-30MMR3NE	7	—	—	—	17,540	20,230	2750	3600	3600
	35mm	SR2-PB2-35MMR3XP	SR2-PB2-35MMR3NE	7	—	—	—					
	1-7/16	SR2-PB2-107R3XP	SR2-PB2-107R3NE	7	SR2-PB2-107R3XP-DC	SR2-PB2-107R3NE-DC	7.5					
	1-1/2	SR2-PB2-108R3XP	SR2-PB2-108R3NE	7	—	—	—					
209	40mm	SR2-PB2-40MMR3XP	SR2-PB2-40MMR3NE	10	—	—	—	17,980	21,360	2425	3360	3360
	45mm	SR2-PB2-45MMR3XP	SR2-PB2-200R3NE	10	—	—	—					
	1-11/16	SR2-PB2-111R3XP	SR2-PB2-111R3NE	10	—	—	—					
	1-3/4	SR2-PB2-112R3XP	SR2-PB2-112R3NE	10	—	—	—					
210	50mm	SR2-PB2-50MMR3XP	SR2-PB2-50MMR3NE	12	—	—	—	20,230	24,730	2225	3180	3180
	1-15/16	SR2-PB2-115R3XP	SR2-PB2-115R3NE	12	SR2-PB2-115R3XP-DC	SR2-PB2-115R3NE-DC	13					
	2	SR2-PB2-200R3XP	SR2-PB2-200R3NE	12	—	—	—					
	55mm	SR2-PB2-55MMR3XP	SR2-PB2-55MMR3NE	16	—	—	—					
211	2-3/16	SR2-PB2-203R3XP	SR2-PB2-203R3NE	16	—	—	—	23,600	28,100	2000	2800	2800
	60mm	SR2-PB2-60MMR3XP	SR2-PB2-60MMR3NE	20	—	—	—					
	2-7/16	SR2-PB2-207R3XP	SR2-PB2-207R3NE	20	SR2-PB2-207R3XP-DC	SR2-PB2-207R3NE-DC	22					
	2-1/2	SR2-PB2-208R3XP	SR2-PB2-208R3NE	20	—	—	—					
215	65mm	SR2-PB2-65MMR3XP	SR2-PB2-65MMR3NE	28	—	—	—	41,590	52,830	1500	2150	2150
	70mm	SR2-PB2-70MMR3XP	SR2-PB2-70MMR3NE	28	—	—	—					
	75mm	SR2-PB2-75MMR3XP	SR2-PB2-75MMR3NE	27	—	—	—					
	2-11/16	SR2-PB2-211R3XP	SR2-PB2-211R3NE	28	—	—	—					
	2-3/4	SR2-PB2-212R3XP	SR2-PB2-212R3NE	28	—	—	—					
	2-15/16	SR2-PB2-215R3XP	SR2-PB2-215R3NE	27	SR2-PB2-215R3XP-DC	SR2-PB2-215R3NE-DC	32					
218	80mm	SR2-PB2-80MMR3XP	SR2-PB2-80MMR3NE	45	—	—	—	62,950	83,180	1250	1600	1600
	85mm	SR2-PB2-85MMR3XP	SR2-PB2-85MMR3NE	45	SR2-PB2-85MMR3XP-DC	SR2-PB2-85MMR3NE-DC	48					
	90mm	SR2-PB2-90MMR3XP	SR2-PB2-90MMR3NE	45	—	—	—					
	3-7/16	SR2-PB2-307R3XP	SR2-PB2-307R3NE	45	SR2-PB2-307R3XP-DC	SR2-PB2-307R3NE-DC	—					
	3-1/2	SR2-PB2-308R3XP	SR2-PB2-308R3NE	45	—	—	—					
	100mm	SR2-PB2-100MMR3XP	SR2-PB2-100MMR3NE	55	—	—	—					
220	3-15/16	SR2-PB2-315R3XP	SR2-PB2-315R3NE	55	SR2-PB2-315R3XP-DC	SR2-PB2-315R3NE-DC	60	84,300	112,400	1100	1350	1350
	4	SR2-PB2-400R3XP	SR2-PB2-400R3NE	55	—	—	—					

Note: * For load ratings in Newtons, multiply Lbs by 4.44. ** Dual locking collar units other than those listed are available from production. Contact PTI.

Optional Teflon Seals & End Covers 208-213 Sizes (215-220 continued on next page)

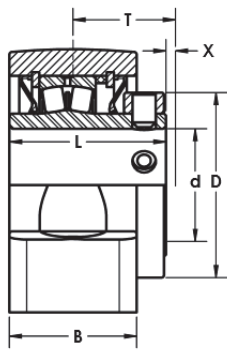
Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
208	30mm	SR2-PB2-30MMTLXP	SR2-PB2-30MMTLNE	—	—	SROEC208-30MM	—	SRCEC208	76	24	34
	35mm	SR2-PB2-35MMTLXP	SR2-PB2-35MMTLNE	—	—	SROEC208-35MM	—		3.0	0.9	1.3
	1-7/16	SR3-PB2-107TLXP	SR3-PB2-107TLNE	SR3-PB2-107TLXP-DC	SR3-PB2-107TLNE-DC	SROEC208-23	LERDC17				
	1-1/2	SR3-PB2-108TLXP	SR3-PB2-108TLNE	—	—	SROEC208-24	—				
209	40mm	SR2-PB2-40MMTLXP	SR2-PB2-40MMTLNE	—	—	SROEC209-40MM	—	SRCEC209	86	28	38
	45mm	SR3-PB3-45MMTLXP	SR3-PB3-45MMTLNE	—	—	SROEC209-45MM	—				
	1-11/16	SR2-PB2-111TLXP	SR2-PB2-111TLNE	—	—	SROEC209-27	—				
	1-3/4	SR2-PB2-112TLXP	SR2-PB2-112TLNE	—	—	SROEC209-28	LERDC20		3.4	1.1	1.5
210	50mm	SR2-PB2-50MMTLXP	SR2-PB2-50MMTLNE	—	—	SROEC210-50MM	—	SRCEC210	91	24	34
	1-15/16	SR2-PB2-115TLXP	SR2-PB2-115TLNE	SR2-PB2-115TLXP-DC	SR2-PB2-115TLNE-DC	SROEC210-31	—				
	2	SR2-PB2-200TLXP	SR2-PB2-200TLNE	—	—	SROEC210-32	LERDC24		3.6	0.9	1.3
	55mm	SR2-PB2-55MMTLXP	SR2-PB2-55MMTLNE	—	—	SROEC211-55MM	—				
211	2-3/16	SR2-PB2-203TLXP	SR2-PB2-203TLNE	—	—	SROEC211-35	LERDC29	SRCEC211	102	28	38
	60mm	SR2-PB2-60MMTLXP	SR2-PB2-60MMTLNE	—	—	SROEC213-60MM	—		4.0	1.1	1.5
	2-7/16	SR2-PB2-207TLXP	SR2-PB2-207TLNE	SR2-PB2-207TLXP-DC	SR2-PB2-207TLNE-DC	SROEC213-39	—		122	28	41
	2-1/2	SR2-PB2-208TLXP	SR2-PB2-208TLNE	—	—	SROEC213-40	LERDC37		4.8	1.1	1.6

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

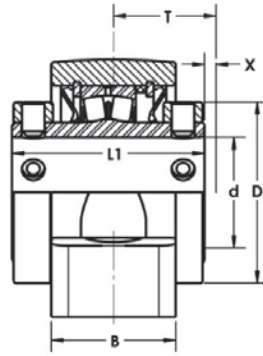
SR2200 Spherical Roller Bearings



SR2-PB2 Series - Pillow Blocks



Single Locking Collar



Dual Locking Collar

Seals and End Covers



R3 Triple Lip
(Standard)



Teflon Labyrinth
(Optional)



Metal Labyrinth
(Optional)



SRCEC
Closed Cover



SROEC
Open Cover

Housing Size	Shaft Size d	Dimensions (mm) / (in)														
		A	B	C	D	F Bolt	G	H	J	K	L	L1	M Min	M Max	T	X Expansion
208	30mm	174.8	55.6	30.2	60.5	M12	22.1	47.63	98.6	14.2	69.9	88.9	119.1	134.9	42.4	4.0
	35mm	6.88	2.19	1.19	2.38	1/2	0.87	1.875	3.88	0.56	2.75	3.5	4.69	5.31	1.67	0.16
209	40mm	187.5	55.6	33.3	66.8	M12	22.1	53.98	108.0	14.2	73.2	96.8	131.8	147.6	44.7	6.0
	45mm	7.38	2.19	1.31	2.63	1/2	0.87	2.125	4.25	0.56	2.88	3.81	5.19	5.81	1.67	0.24
210	50mm	212.9	63.5	35.1	73.2	M16	25.9	57.15	115.8	17.5	73.2	95.3	150.9	166.6	44.7	6.0
	55mm	8.38	2.5	1.38	2.88	5/8	1.02	2.25	4.56	0.69	2.88	3.75	5.94	6.56	1.76	0.24
211	60mm	225.6	63.5	41.4	82.6	M16	25.4	63.50	127.0	17.5	79.5	101.6	163.6	179.3	47.8	6.0
	65mm	8.88	2.5	1.63	3.25	5/8	1.0	2.5	5.0	0.69	3.13	4.0	6.44	7.06	1.88	0.24
213	70mm	235.0	69.9	44.5	101.6	M16	25.4	69.85	144.5	17.5	85.9	108.0	173.0	189.0	51.1	6.0
	75mm	9.25	2.75	1.75	4.0	5/8	1.0	2.75	5.69	0.69	3.38	4.25	6.81	7.44	2.01	0.24
215	80mm	265.2	71.4	57.2	114.3	M20	28.4	82.55	163.6	20.6	92.2	120.7	198.4	214.4	57.4	6.0
	85mm	10.44	2.81	2.25	4.5	3/4	1.12	3.25	6.44	0.81	3.63	4.75	7.81	8.44	2.26	0.24
218	90mm	330.2	82.6	57.2	130.3	M20	36.6	95.25	190.5	23.9	102.4	131.8	241.3	266.7	62.7	6.0
	95mm	13	3.25	2.25	5.13	7/8	1.44	3.75	7.5	0.94	4.03	5.19	9.5	10.5	2.47	0.24
220	100mm	362.0	90.4	63.5	152.4	M24	49.3	107.95	212.9	26.9	116.6	150.9	254.0	298.5	71.9	7.0
	105mm	14.25	3.56	2.5	6.0	1.0	1.94	4.25	8.38	1.06	4.59	5.94	10.0	11.75	2.83	0.28

Optional Teflon Seals & End Covers 215-220 Sizes (208-213 on previous page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SR2-PB2-65MMTLXP	SR2-PB2-65MMTLNE	—	—	SROEC215-65MM	—	SRCEC215	132.1	32.5	47.2
	70mm	SR2-PB2-70MMTLXP	SR2-PB2-70MMTLNE	—	—	SROEC215-70MM	LER44DC		5.2	1.28	1.86
	75mm	SR2-PB2-75MMTLXP	SR2-PB2-75MMTLNE	—	—	SROEC215-75MM	LER53DC				
	80mm	SR2-PB2-80MMTLXP	SR2-PB2-80MMTLNE	—	—	SROEC215-80MM	—				
218	85mm	SR2-PB2-85MMTLXP	SR2-PB2-85MMTLNE	SR2-PB2-85MMTLXP-DC	SR2-PB2-85MMTLNE-DC	SROEC218-85MM	LER102DC	SRCEC218	160	32.5	45.5
	90mm	SR2-PB2-90MMTLXP	SR2-PB2-90MMTLNE	—	—	SROEC218-90MM	LER102DC		6.3	1.28	1.79
	95mm	SR2-PB2-95MMTLXP	SR2-PB2-95MMTLNE	—	—	SROEC218-95MM	—				
	100mm	SR2-PB2-100MMTLXP	SR2-PB2-100MMTLNE	—	—	SROEC220-100MM	LER109DC				
220	105mm	SR2-PB2-105MMTLXP	SR2-PB2-105MMTLNE	—	—	SROEC220-105MM	—	SRCEC220	180.3	38.1	54.1
	110mm	SR2-PB2-110MMTLXP	SR2-PB2-110MMTLNE	—	—	SROEC220-110MM	—		7.1	1.50	2.13

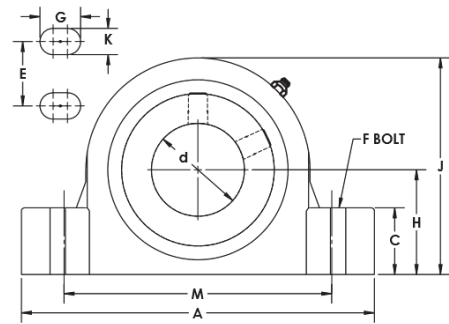
Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SR2200 Spherical Roller Bearings



SR2-PB4 Series - Pillow Blocks

4-Bolt Base Design
Single & Dual Locking Collars
Ductile Iron Housing
Expansion & Non-Expansion Units
Self-Aligning (+/- 1-1/2°)
R3 Triple Lip Contact Seals
Teflon Seals & End Cover Options



Models Available

Housing Size	Shaft Size d	Single Locking Collar Pillow Block			Dual Locking Collar Pillow Block**			Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
		Part No. Expansion	Part No. Non-Expansion	Wt. Lb	Part No. Expansion	Part No. Non-Expansion	Wt. Lb					
215	70mm	SR2-PB4-70MMR3XP	SR2-PB4-70MMR3NE	26	—	—	—	41,590	52,830	1500	2150	2150
	75mm	SR2-PB4-75MMR3XP	SR2-PB4-75MMR3NE	26	—	—	—					
	2-11/16	SR2-PB4-211R3XP	SR2-PB4-211R3NE	26	—	—	—					
	2-3/4	SR2-PB4-212R3XP	SR2-PB4-212R3NE	26	—	—	—					
	2-15/16	SR2-PB4-215R3XP	SR2-PB4-215R3NE	27	SR2-PB4-215R3XP-DC	SR2-PB4-215R3NE-DC	32					
	3	SR2-PB4-300R3XP	SR2-PB4-300R3NE	27	—	—	—					
218	80mm	SR2-PB4-80MMR3XP	SR2-PB4-80MMR3NE	41	—	—	—	62,950	83,180	1250	1600	1600
	85mm	SR2-PB4-85MMR3XP	SR2-PB4-85MMR3NE	40	SR2-PB4-85MMR3XP-DC	SR2-PB4-85MMR3NE-DC	48					
	90mm	SR2-PB4-90MMR3XP	SR2-PB4-90MMR3NE	40	—	—	—					
	3-7/16	SR2-PB4-307R3XP	SR2-PB4-307R3NE	40	SR2-PB4-307R3XP-DC	SR2-PB4-307R3NE-DC	—					
	3-1/2	SR2-PB4-308R3XP	SR2-PB4-308R3NE	40	—	—	—					
	—	—	—	—	—	—	—					
220	100mm	SR2-PB4-100MMR3XP	SR2-PB4-100MMR3NE	57	—	—	—	84,300	112,400	1100	1350	1350
	3-15/16	SR2-PB4-315R3XP	SR2-PB4-315R3NE	57	SR2-PB4-315R3XP-DC	SR2-PB4-315R3NE-DC	60					
	4	SR2-PB4-400R3XP	SR2-PB4-400R3NE	57	—	—	—					
222	100mm	—	—	—	SR2-PB4-110MMR3XP	SR2-PB4-110MMR3NE	83	94,420	134,890	1040	1200	1200
	4-7/16	—	—	—	SR2-PB4-407R3XP	SR2-PB4-407R3NE	83					
	4-1/2	—	—	—	SR2-PB4-408R3XP	SR2-PB4-408R3NE	83					
226	125mm	—	—	—	SR2-PB4-125MMR3XP	SR2-PB4-125MMR3NE	125	128,140	185,470	900	1020	1020
	4-15/16	—	—	—	SR2-PB4-415R3XP	SR2-PB4-415R3NE	125					
	5	—	—	—	SR2-PB4-500R3XP	SR2-PB4-500R3NE	125					

Note: * For load ratings in Newtons, multiply Lbs by 4.44.** Double locking collar units other than those listed are available from production. Contact PTI.

End Covers 215-218 Sizes (220-226 continued on next page)

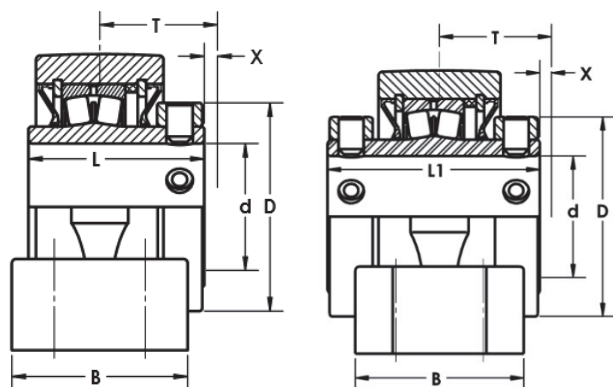
Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SR2-PB4-65MMTLXP	SR2-PB4-65MMTLNE	—	—	SROEC215-65mm	—	SRCEC215	132.1	32.5	47.2
	70mm	SR2-PB4-70MMTLXP	SR2-PB4-70MMTLNE	—	—	SROEC215-70mm	LER44DC				
	75mm	SR2-PB4-75MMTLXP	SR2-PB4-75MMTLNE	—	—	SROEC215-75mm	LER53DC				
	2-11/16	SR2-PB4-211TLXP	SR2-PB4-211TLNE	—	—	SROEC215-43	LER44DC		5.2	1.28	1.86
	2-3/4	SR2-PB4-212TLXP	SR2-PB4-212TLNE	—	—	SROEC215-44	LER44DC				
	2-15/16	SR2-PB4-215TLXP	SR2-PB4-215TLNE	SR2-PB4-215TLXP-DC	SR2-PB4-215TLNE-DC	SROEC215-47	LER53DC				
218	3	SR2-PB4-300TLXP	SR2-PB4-300TLNE	—	—	SROEC215-48	LER53DC	SRCEC218	160	32.5	45.5
	80mm	SR2-PB4-80MMTLXP	SR2-PB4-80MMTLNE	—	—	SROEC218-80mm	—				
	85mm	SR2-PB4-85MMTLXP	SR2-PB4-85MMTLNE	SR2-PB4-85MMTLXP-DC	SR2-PB4-85MMTLNE-DC	SROEC218-85mm	LER102DC				
	90mm	SR2-PB4-90MMTLXP	SR2-PB4-90MMTLNE	—	—	SROEC218-90mm	LER102DC				
	3-7/16	SR2-PB4-307TLXP	SR2-PB4-307TLNE	SR2-PB4-307TLXP-DC	SR2-PB4-307TLNE-DC	SROEC218-55	LER102DC		6.3	1.28	1.79
	3-1/2	SR2-PB4-308TLXP	SR2-PB4-308TLNE	—	—	SROEC218-56	LER102DC				

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately

SR2200 Spherical Roller Bearings



SR2-PB4 Series - Pillow Blocks



Single Locking Collar

Dual Locking Collar

Seals and End Covers



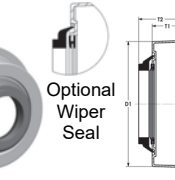
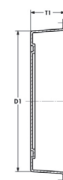
R3 Triple Lip

Teflon Labyrinth
(Optional)

Metal Labyrinth
(Optional)



SRCEC
Closed Cover



SROEC
Open Cover

Housing Size	Shaft Size d	Dimensions (mm) / (in)															
		A	B	C	D	E	F Bolt	G	H	J	K	L	L1	M Min	M Max	T	X Expansion
215	70mm	265	95	57.2	114.3	47.6	M16	25.4	82.6	163.5	17.5	92.1	120.7	198.4	214.3	63.3	6mm
	75mm																
	2-11/16																
	2-3/4	10.4	3.8	2.25	4.50	1.875	5/8	1.000	3.250	6.4	0.69	3.625	4.750	7.81	8.44	2.49	0.24
218	2-15/16																
	3																
	80mm	330	105	57.2	130.3	50.8	M20	42.9	82.25	190.5	23.8	102.4	131.7	238.1	276.2	68.9	6mm
	85mm																
220	90mm																
	3-7/16	13.0	4.1	2.25	5.13	2.000	7/8	1.688	3.238	7.5	0.94	4.031	5.186	9.38	10.88	2.71	0.24
	3-1/2																
	100mm	387	114	63.5	152.4	57.2	M20	50.8	107.95	212.7	23.8	116.7	150.8	276.2	330.2	78.9	7mm
222	3-15/16	15.3	4.5	2.50	6.00	2.250	7/8	2.000	4.250	8.4	0.94	4.59	5.94	10.88	13.00	3.11	0.28
	4																
	110mm	419	121	69.9	155.6	63.5	M20	36.5	120.7	244.5	23.8	155.6	155.6	330.2	355.6	82.3	7mm
	4-7/16	16.5	4.8	2.75	6.13	2.500	7/8	1.438	4.750	9.6	0.94	6.125	6.125	13.00	14.00	3.24	0.28
226	4-1/2																
	125mm	472	137.2	76.20	174.8	69.9	M20	38.1	139.7	281.9	25.40	168.3	168.3	381	406	88.6	9mm
	4-15/16	18.6	5.4	3.00	6.88	2.750	7/8	1.500	5.500	11.1	1.00	6.625	6.625	15.00	16.00	3.49	0.35
	5																

End Covers 220-226 Sizes (215-218 on previous page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Dual Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
220	100mm	SR2-PB4100MMTLXP	SR2-PB4-100MTLNE	—	—	SROEC220-100mm	LER109DC	SRCEC220	180	38.1	54.1
	3-15/16	SR2-PB4-315TLXP	SR2-PB4-315TLNE	SR2-PB4-315TLXP-DC	SR2-PB4-315TLNE-DC	SROEC220-63	LER109DC		7.1	1.50	2.13
	4	SR2-PB4-400TLXP	SR2-PB4-400TLNE	—	—	SROEC220-64	LER109DC				
222	110mm	—	—	SR2-PB4-110MMTLXP-DC	SR2-PB4-110MTLNE-DC	SROEC222-110mm	LER117DC	SRCEC222	201	41.4	53.6
	4-7/16	—	—	SR2-PB4-407TLXP	SR2-PB4-407TLNE	SROEC222-71	LER117DC		7.9	1.63	2.11
	4-1/2	—	—	SR2-PB4-408TLXP	SR2-PB4-408TLNE	SROEC222-72	LER117DC				
226	125mm	—	—	SR2-PB4-125MMTLXP-DC	SR2-PB4-125MTLNE-DC	SROEC226-125mm	LER122DC	SRCEC226	229	41.4	58.7
	4-15/16	—	—	SR2-PB4-415TLXP	SR2-PB4-415TLNE	SROEC226-79	LER122DC		9.0	1.63	2.31
	5	—	—	SR2-PB4-500TLXP	SR2-PB4-500TLNE	SROEC226-80	LER122DC				

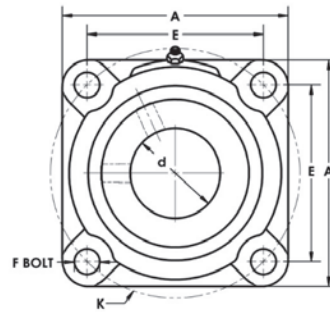
Note: Open End Covers include the steel cover and internal double lip shaft. The Wiper Seal is optional and may be ordered separately.

SR2200 Spherical Roller Bearings



SR2-FB4 Series 4 Bolt Flange

4-Bolt Flange Design
Single Locking Collar
Inch & Metric Bores
Ductile Iron Housing
Expansion & Non-Expansion Units
Self-Aligning (+/- 1-1/2°)
R3 Triple Lip Contact Seals
Teflon Seals & End Cover Options



Models Available

Housing Size	Shaft Size d	Part No. Expansion	Part No. Non-Expansion	Wt. Lb	Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
208	30mm	SR2-FB4-30MMR3XP	SR2-FB4-30MMR3NE	7	17,540	20,230	2750	3600	3600
	35mm	SR2-FB4-35MMR3XP	SR2-FB4-35MMR3NE	7					
	1-7/16	SR2-FB4-107R3XP	SR2-FB4-107R3NE	7					
	1-1/2	SR2-FB4-108R3XP	SR2-FB4-108R3NE	7					
209	40mm	SR2-FB4-40MMR3XP	SR2-FB4-40MMR3NE	8	17,980	21,360	2425	3360	3360
	45mm	SR2-FB4-45MMR3XP	SR2-FB4-200R3NE	8					
	1-11/16	SR2-FB4-111R3XP	SR2-FB4-111R3NE	8					
	1-3/4	SR2-FB4-112R3XP	SR2-FB4-112R3NE	8					
210	50mm	SR2-FB4-50MMR3XP	SR2-FB4-50MMR3NE	9	20,230	24,730	2225	3180	3180
	1-15/16 2	SR2-FB4-115R3XP	SR2-FB4-115R3NE	9					
211	55mm	SR2-FB4-55MMR3XP	SR2-FB4-55MMR3NE	12	23,600	28,100	2000	2800	2800
	2-3/16	SR2-FB4-203R3XP	SR2-FB4-203R3NE	12					
213	60mm	SR2-FB4-60MMR3XP	SR2-FB4-60MMR3NE	16	37,090	46,090	1700	2360	2360
	2-7/16	SR2-FB4-207R3XP	SR2-FB4-207R3NE	16					
	2-1/2	SR2-FB4-208R3XP	SR2-FB4-208R3NE	16					
215	65mm	SR2-FB4-65MMR3XP	SR2-FB4-65MMR3NE	25	41,590	52,830	1500	2150	2150
	70mm	SR2-FB4-70MMR3XP	SR2-FB4-70MMR3NE	25					
	75mm	SR2-FB4-75MMR3XP	SR2-FB4-75MMR3NE	24					
	2-11/16	SR2-FB4-211R3XP	SR2-FB4-211R3NE	25					
	2-3/4	SR2-FB4-212R3XP	SR2-FB4-212R3NE	25					
	2-15/16 3	SR2-FB4-215R3XP	SR2-FB4-215R3NE	24					
218	80mm	SR2-FB4-80MMR3XP	SR2-FB4-80MMR3NE	32	62,950	83,180	1250	1600	1600
	85mm	SR2-FB4-85MMR3XP	SR2-FB4-85MMR3NE	32					
	90mm	SR2-FB4-90MMR3XP	SR2-FB4-90MMR3NE	32					
	3-7/16	SR2-FB4-307R3XP	SR2-FB4-307R3NE	32					
220	3-1/2	SR2-FB4-308R3XP	SR2-FB4-308R3NE	32	84,300	112,400	1100	1350	1350
	100mm	SR2-FB4-100MMR3XP	SR2-FB4-100MMR3NE	43					
	3-15/16 4	SR2-FB4-315R3XP	SR2-FB4-315R3NE	43					

Note: * For load ratings in Newtons, multiply Lbs by 4.44.

Optional Teflon Seals & End Covers 208-213 Sizes, (215-220 continued on next page)

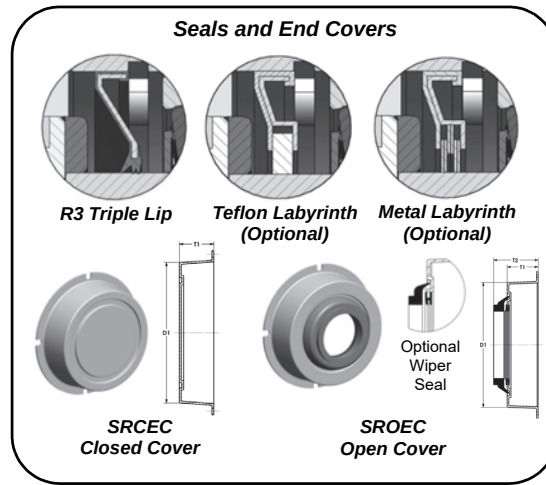
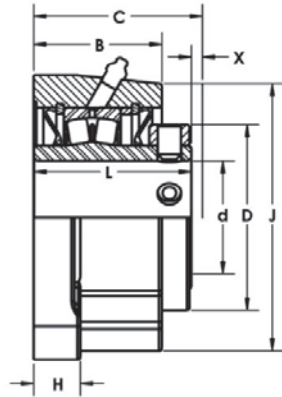
Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
208	30mm	SR-FB4-30MRTLXP	SR2-FB4-30MRTLNE	SROEC208-30MM	—	SRCEC208	76	24	34
	35mm	SR2-FB4-35MRTLXP	SR2-FB4-35MRTLNE	SROEC208-35MM	—		3.0	0.9	1.3
	1-7/16	SR2-FB4-107TLXP	SR2-FB4-107TLNE	SROEC208-23	LER17DC				
	1-1/2	SR2-FB4-108TLXP	SR2-FB4-108TLNE	SROEC208-24					
209	40mm	SR2-FB4-40MRTLXP	SR2-FB4-40MRTLNE	SROEC209-40MM	—	SRCEC209	86	28	38
	45mm	SR2-FB4-45MRTLXP	SR2-FB4-45MRTLNE	SROEC209-45MM	—		3.4	1.1	1.5
	1-11/16	SR2-FB4-111TLXP	SR2-FB4-111TLNE	SROEC209-27	LER20DC				
	1-3/4	SR2-FB4-112TLXP	SR2-FB4-112TLNE	SROEC209-28					
210	50mm	SR2-FB4-50MRTLXP	SR2-FB4-50MRTLNE	SROEC210-50MM	—	SRCEC210	91	24	34
	1-15/16	SR2-FB4-115TLXP	SR2-FB4-115TLNE	SROEC210-31	LER24DC		3.6	0.9	1.3
	2	SR2-FB4-200TLXP	SR2-FB4-200TLNE	SROEC210-32					
211	55mm	SR2-FB4-55MRTLXP	SR2-FB4-55MRTLNE	SROEC211-55MM	—	SRCEC211	102	28	38
	2-3/16	SR2-FB4-203TLXP	SR2-FB4-203TLNE	SROEC211-35	LER29DC		4.0	1.1	1.5
213	60mm	SR2-FB4-60MRTLXP	SR2-FB4-60MRTLNE	SROEC213-60MM	—	SRCEC213	122	28	41
	2-7/16	SR2-FB4-207TLXP	SR2-FB4-207TLNE	SROEC213-39	LER37DC		4.8	1.1	1.6
	2-1/2	SR2-FB4-208TLXP	SR2-FB4-208TLNE	SROEC213-40					

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SR2200 Spherical Roller Bearings



SR2-FB4 Series 4-Bolt Flange



Housing Size	Shaft Size d	Dimensions (mm) / (in)										
		A	B	C	D	E	F Bolt	H	J	K	L	X Expansion
208	30mm 35mm	117.5	57.2	75	60	89.81	M16	19.0	98	127	69.9	4mm
	1-7/16 1-1/2	4.63	2.25	2.95	2.38	3.536	5/8	0.75	3.9	5.000	2.750	0.16
209	40mm 45mm	127.0	58.8	80	67	98.78	M16	19.0	108	140	73.0	6mm
	1-11/16 1-3/4	5.00	2.31	3.15	2.63	3.889	5/8	0.75	4.3	5.500	2.875	0.24
210	50mm	133.4	57.2	79.4	73	103.27	M16	14.20	114	146	73.0	6mm
	1-15/16 2	5.25	2.25	3.13	2.88	4.066	5/8	0.56	4.5	5.750	2.875	0.24
211	55mm	149.2	61.9	85	83	114.50	M16	19.0	127	162	79.4	6mm
	2-3/16	5.88	2.44	3.34	3.25	4.508	5/8	0.75	5.0	6.375	3.125	0.24
213	60mm	155.6	69.9	92	102	121.23	M16	25.4	146	171.5		6mm
	2-7/16 2-1/2	6.13	2.75	3.62	4.00	4.773	5/8	1.00	5.750	6.750	3.375	0.24
215	65mm 70mm 75mm	183	73	100	114	141.43	M20	25.4	168	200	92.1	6mm
	2-11/16 2-3/4 2-15/16 3	7.19	2.88	3.93	4.50	5.568	3/4	1.00	6.625	7.875	3.625	0.24
218	80mm 85mm 90mm	210	84	111	130	107.64	M20	28.7	194	241	102.4	6mm
	3-7/16 3-1/2	8.25	3.31	4.37	5.125	6.718	3/4	1.13	7.625	9.500	4.031	0.24
220	100mm	235	89	124	152.4	193.1	M24	30	213	273	116.7	7mm
	3-15/16 4	9.25	3.50	4.86	6.000	7.601	7/8	1.19	8.375	10.750	4.594	0.28

Optional Teflon Seals & End Covers 215-220 Sizes (208-213 on previous page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SR2-FB4-65MMLXP	SR2-FB4-65MMLNE	SROEC215-65MM	—	SRCEC215	132.1	32.5	47.2
	70mm	SR2-FB4-70MMLXP	SR2-FB4-70MMLNE	SROEC215-70MM	LER44DC				
	75mm	SR2-FB4-75MMLXP	SR2-FB4-75MMLNE	SROEC215-75MM	LER53DC				
	2-11/16 2-3/4 2-15/16 3	SR2-FB4-211TLXP SR2-FB4-212TLXP SR2-FB4-215TLXP SR2-FB4-300TLXP	SR2-FB4-211TLNE SR2-FB4-212TLNE SR2-FB4-215TLNE SR2-FB4-300TLNE	SROEC215-43 SROEC215-44 SROEC215-47 SROEC215-48	LER44DC LER53DC		5.2	1.28	1.86
218	80mm	SR2-FB4-80MMLXP	SR2-FB4-80MMLNE	SROEC218-80MM	—	SRCEC218	160	32.5	45.5
	85mm	SR2-FB4-85MMLXP	SR2-FB4-85MMLNE	SROEC218-85MM	LER102DC				
	90mm	SR2-FB4-90MMLXP	SR2-FB4-90MMLNE	SROEC218-90MM	LER102DC				
	3-7/16 3-1/2	SR2-FB4-307TLXP SR2-FB4-308TLXP	SR2-FB4-307TLNE SR2-FB4-308TLNE	SROEC218-55 SROEC218-56	LER102DC		6.3	1.28	1.79
220	100mm	SR2-FB4-100MMLXP	SR2-FB4-100MMLNE	SROEC220-100MM	LER109DC	SRCEC220	180.3	38.1	54.1
	3-15/16 4	SR2-FB4-315TLXP SR2-FB4-400TLXP	SR2-FB4-315TLNE SR2-FB4-400TLNE	SROEC220-63 SROEC220-64	LER109DC		7.1	1.50	2.13

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SR2200 Spherical Roller Bearings



SR2-FC Series 4-Bolt Piloted Flange

Piloted 4-Bolt Flange Design

Single Locking Collar

Ductile Iron Housing

Interchanges with Spherical Series

Expansion & Non-Expansion Units

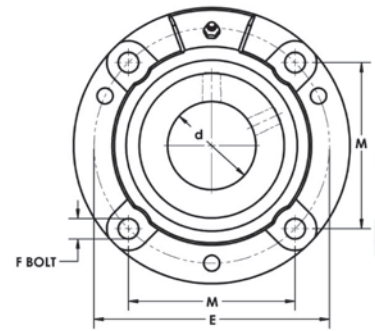
Self-Aligning (+/- 1-1/2°)

Triple Lip Seals

Teflon Seals & End Cover Options



Models Available



Housing Size	Shaft Size d	Single Locking Collar Pillow Block			Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
		Part No. Expansion	Part No. Non-Expansion	Wt. Lb					
208	30mm	SR2-FC-30MMR3XP	SR2-FC-30MMR3NE	5	17,540	20,230	2750	3600	3600
	35mm	SR2-FC-35MMR3XP	SR2-FC-35MMR3NE	5					
	1-7/16	SR2-FC-107R3XP	SR2-FC-107R3NE	5					
	1-1/2	SR2-FC-108R3XP	SR2-FC-108R3NE	5					
209	40mm	SR2-FC-40MMR3XP	SR2-FC-40MMR3NE	8	17,980	21,360	2425	3360	3360
	45mm	SR2-FC-45MMR3XP	SR2-FC-200R3NE	8					
	1-11/16	SR2-FC-111R3XP	SR2-FC-111R3NE	8					
	1-3/4	SR2-FC-112R3XP	SR2-FC-112R3NE	8					
210	50mm	SR2-FC-50MMR3XP	SR2-FC-50MMR3NE	9	20,230	24,730	2225	3180	3180
	1-15/16	SR2-FC-115R3XP	SR2-FC-115R3NE	9					
	2	SR2-FC-200R3XP	SR2-FC-200R3NE	9					
211	55mm	SR2-FC-55MMR3XP	SR2-FC-55MMR3NE	12	23,600	28,100	2000	2800	2800
	2-3/16	SR2-FC-203R3XP	SR2-FC-203R3NE	12					
213	60mm	SR2-FC-60MMR3XP	SR2-FC-60MMR3NE	16	37,090	46,090	1700	2360	2360
	2-7/16	SR2-FC-207R3XP	SR2-FC-207R3NE	16					
	2-1/2	SR2-FC-208R3XP	SR2-FC-208R3NE	16					
215	65mm	SR2-FC-65MMR3XP	SR2-FC-65MMR3NE	25	41,590	52,830	1500	2150	2150
	70mm	SR2-FC-70MMR3XP	SR2-FC-70MMR3NE	25					
	75mm	SR2-FC-75MMR3XP	SR2-FC-75MMR3NE	24					
	2-11/16	SR2-FC-211R3XP	SR2-FC-211R3NE	25					
	2-3/4	SR2-FC-212R3XP	SR2-FC-212R3NE	25					
	2-15/16	SR2-FC-215R3XP	SR2-FC-215R3NE	24					
218	80mm	SR2-FC-80MMR3XP	SR2-FC-80MMR3NE	32	62,950	83,180	1250	1600	1600
	85mm	SR2-FC-85MMR3XP	SR2-FC-85MMR3NE	32					
	90mm	SR2-FC-90MMR3XP	SR2-FC-90MMR3NE	32					
	3-7/16	SR2-FC-307R3XP	SR2-FC-307R3NE	32					
	3-1/2	SR2-FC-308R3XP	SR2-FC-308R3NE	32					
220	100mm	SR2-FC-100MMR3XP	SR2-FC-100MMR3NE	43	84,300	112,400	1100	1350	1350
	3-15/16	SR2-FC-315R3XP	SR2-FC-315R3NE	43					
	4	SR2-FC-400R3XP	SR2-FC-400R3NE	43					

Note: * For load ratings in Newtons, multiply Lbs by 4.44.

Optional Teflon Seals & End Covers 208-213 Sizes (215-220 continued on next page)

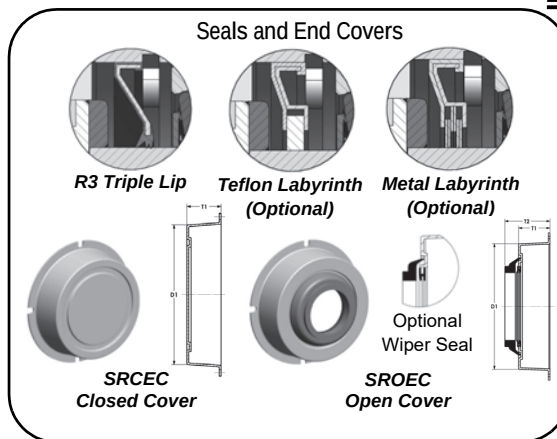
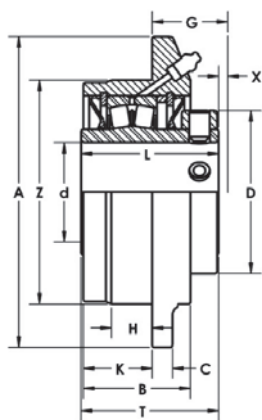
Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1
208	30mm	SR2-FC-30MRTLXP	SR2-FC-30MRTLNE	SROEC208-30MM	—	SRCEC208	34
	35mm	SR2-FC-35MRTLXP	SR2-FC-35MRTLNE	SROEC208-35MM	—		1.3
	1-7/16	SR2-FC-107TLXP	SR2-FC-107TLNE	SROEC208-23	LER17DC		
	1-1/2	SR2-FC-108TLXP	SR2-FC-108TLNE	SROEC208-24			
209	40mm	SR2-FC-40MRTLXP	SR2-FC-40MRTLNE	SROEC209-40MM	—	SRCEC209	38
	45mm	SR2-FC-45MRTLXP	SR2-FC-200TLNE	SROEC209-45MM	—		1.5
	1-11/16	SR2-FC-111TLXP	SR2-FC-111TLNE	SROEC209-27	LER20DC		
	1-3/4	SR2-FC-112TLXP	SR2-FC-112TLNE	SROEC209-28			
210	50mm	SR2-FC-50MRTLXP	SR2-FC-50MRTLNE	SROEC210-50MM	—	SRCEC210	34
	1-15/16	SR2-FC-115TLXP	SR2-FC-115TLNE	SROEC210-31	LER24DC		1.3
	1-3/4	SR2-FC-200TLXP	SR2-FC-200TLNE	SROEC210-32			
211	55mm	SR2-FC-55MRTLXP	SR2-FC-55MRTLNE	SROEC211-55MM	—	SRCEC211	38
	2-3/16	SR2-FC-203TLXP	SR2-FC-203TLNE	SROEC211-35	LER29DC		1.5
213	60mm	SR2-FC-60MRTLXP	SR2-FC-60MRTLNE	SROEC213-60MM	—	SRCEC213	41
	2-7/16	SR2-FC-207TLXP	SR2-FC-207TLNE	SROEC213-39	LER37DC		1.6
	2-1/2	SR2-FC-208TLXP	SR2-FC-208TLNE	SROEC213-40			

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SR2200 Spherical Roller Bearings



SR2-FC Series



Housing Size	Shaft Size d	Dismount Thread	Dimensions (mm) / (in)													
			A	B	C	D	E	F Bolt	G	H	K	L	M	T	X Expansion	Z (+0.000 -0.002)
208	30mm	5/16-18	133.4	79.5	12.7	60.5	111.1	M10	40.1	19	33.3	69.9	75.6	—	0.16	—
	35mm		5.25	3.13	0.50	2.38	4.375	3/8	1.58	0.75	1.31	2.75	3.094	—	4mm	3.625
209	40mm	5/16-18	155.7	63.5	12.7	66.8	130.2	M12	41.9	22.4	40.4	73.2	92.1	—	0.24	107.95
	45mm		6.13	2.50	0.50	2.63	5.125	7/16	1.65	0.88	1.59	2.88	3.625	—	6mm	4.250
210	1-1/2	5/16-18	162.1	63.5	14.3	73.0	136.5	M12	41.1	22.2	41.4	73	96.5	—	0.24	113.3
	1-11/16		6.38	2.50	0.56	2.88	5.375	7/16	1.62	0.88	1.63	2.88	3.800	3.24	6mm	4.500
211	50mm	5/16-18	181.0	62	14.2	82.5	152.4	M12	46.7	25.4	38.1	79.4	4.24	3.3	0.24	127
	1-3/4		7.13	2.44	0.56	3.25	6.000	1/2	1.84	1.00	1.50	3.13	4.242	3.34	6mm	5.000
213	2-3/16	7/16-14	193.7	66.7	15.9	101.6	165.1	M12	47.5	25.4	42.9	85.7	117.71	90.3	0.24	127
	60mm		7.63	2.63	0.63	4.00	6.500	1/2	1.87	1.00	1.69	3.38	4.595	3.56	6mm	5.500
215	2-7/16	7/16-14	222	79.4	19	114.3	190.5	M16	5.2	31.8	50.8	92.1	134.7	103	0.24	162.9
	2-1/2		8.75	3.13	0.75	4.50	7.500	5/8	2.06	1.25	2.00	3.63	5.302	4.06	6mm	6.375
218	65mm	7/16-14	260	81	23.8	130.2	219.1	M20	64.9	31.75	44.5	102.4	154.9	109.3	0.24	187.3
	70mm		10.25	3.19	0.94	5.13	8.625	3/4	2.55	1.25	1.75	4.03	6.098	4.30	6mm	7.375
220	80mm	1/2-13	276	92	25.4	152.4	238.1	M20	74.2	38.1	50.8	116.6	168.4	125	0.28	206.4
	85mm		10.88	3.63	1.00	6.00	9.375	3/4	2.92	1.50	2.00	4.59	6.63	4.92	7mm	8.125

Optional Teflon Seals & End Covers 215-220 Sizes (208-213 sizes on previous page)

Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm) (in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SR2-FC-65MMTLXP	SR2-FC-65MMTLNE	SROEC215-65MM	—	SRCEC215	132.1	32.5	47.2
	70mm	SR2-FC-70MMTLXP	SR2-FC-70MMTLNE	SROEC215-70MM	LER44DC				
	75mm	SR2-FC-75MMTLXP	SR2-FC-75MMTLNE	SROEC215-75MM	LER53DC				
	2-11/16	SR2-FC-211TLXP	SR2-FC-211TLNE	SROEC215-43	LER44DC	SRCEC215	5.2	1.28	1.86
	2-3/4	SR2-FC-212TLXP	SR2-FC-212TLNE	SROEC215-44	LER53DC				
	2-15/16	SR2-FC-215TLXP	SR2-FC-215TLNE	SROEC215-47	LER53DC				
218	80mm	SR2-FC-80MMTLXP	SR2-FC-80MMTLNE	SROEC218-80MM	—	SRCEC218	160	32.5	45.5
	85mm	SR2-FC-85MMTLXP	SR2-FC-85MMTLNE	SROEC218-85MM	LER102DC				
	90mm	SR2-FC-90MMTLXP	SR2-FC-90MMTLNE	SROEC218-90MM	LER102DC				
	3-7/16	SR2-FC-307TLXP	SR2-FC-307TLNE	SROEC218-55	LER102DC	SRCEC218	6.3	1.28	1.79
	3-1/2	SR2-FC-308TLXP	SR2-FC-308TLNE	SROEC218-56	LER102DC				
	100mm	SR2-FC-100MMTLXP	SR2-FC-100MMTLNE	SROEC220-100MM	LER109DC				
220	3-15/16	SR2-FC-315TLXP	SR2-FC-315TLNE	SROEC220-63	LER109DC	SRCEC220	180.3	38.1	54.1
	4	SR2-FC-400TLXP	SR2-FC-400TLNE	SROEC220-64	LER109DC				

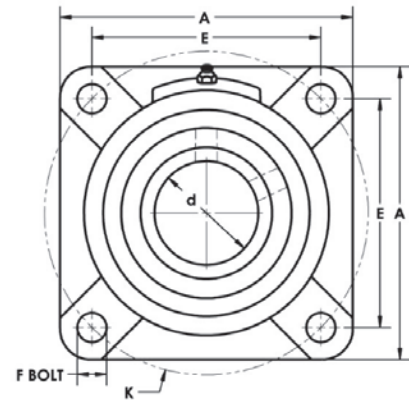
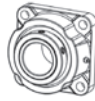
Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SRE Spherical Roller Bearings



SRE-FB4 Series 4-Bolt Flange

4-Bolt Flange Design
Single Locking Collar
Interchanges with Tapered E-Series Dimensions
Inch & Metric Bores
Ductile Iron Housing
Expansion & Non-Expansion Units
Self-Aligning (+/- 1-1/2°)
R3 Triple Lip Contact Seals
Teflon Seals & End Cover Options



Models Available

Housing Size	Shaft Size d	Part No. Expansion	Part No. Non-Expansion	Wt. Lb	Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
208	30mm	SRE-FB4-30MMR3XP	SRE-FB4-30MMR3NE	7	17,540	20,230	2750	3600	3600
	35mm	SRE-FB4-35MMR3XP	SRE-FB4-35MMR3NE	7					
	1-7/16	SRE-FB4-107R3XP	SRE-FB4-107R3NE	7					
	1-1/2	SRE-FB4-108R3XP	SRE-FB4-108R3NE	7					
209	40mm	SRE-FB4-40MMR3XP	SRE-FB4-40MMR3NE	8	17,980	21,360	2425	3360	3360
	45mm	SRE-FB4-45MMR3XP	SRE-FB4-45MMR3NE	8					
	1-11/16	SRE-FB4-111R3XP	SRE-FB4-111R3NE	8					
	1-3/4	SRE-FB4-112R3XP	SRE-FB4-112R3NE	8					
210	50mm	SRE-FB4-50MMR3XP	SRE-FB4-50MMR3NE	9	20,230	24,730	2225	3180	3180
	1-15/16	SRE-FB4-115R3XP	SRE-FB4-115R3NE	9					
	2	SRE-FB4-200R3XP	SRE-FB4-200R3NE	9					
211	55mm	SRE-FB4-55MMR3XP	SRE-FB4-55MMR3NE	12	23,600	28,100	2000	2800	2800
	2-3/16	SRE-FB4-203R3XP	SRE-FB4-203R3NE	12					
213	60mm	SRE-FB4-60MMR3XP	SRE-FB4-60MMR3NE	16	37,090	46,090	1700	2360	2360
	2-7/16	SRE-FB4-207R3XP	SRE-FB4-207R3NE	16					
	2-1/2	SRE-FB4-208R3XP	SRE-FB4-208R3NE	16					
215	65mm	SRE-FB4-65MMR3XP	SRE-FB4-65MMR3NE	25	41,590	52,830	1500	2150	2150
	70mm	SRE-FB4-70MMR3XP	SRE-FB4-70MMR3NE	25					
	75mm	SRE-FB4-75MMR3XP	SRE-FB4-75MMR3NE	24					
	2-11/16	SRE-FB4-211R3XP	SRE-FB4-211R3NE	25					
	2-3/4	SRE-FB4-212R3XP	SRE-FB4-212R3NE	25					
	2-15/16	SRE-FB4-215R3XP	SRE-FB4-215R3NE	24					
	3	SRE-FB4-300R3XP	SRE-FB4-300R3NE	24					
218	80mm	SRE-FB4-80MMR3XP	SRE-FB4-80MMR3NE	32	62,950	83,180	1250	1600	1600
	85mm	SRE-FB4-85MMR3XP	SRE-FB4-85MMR3NE	32					
	90mm	SRE-FB4-90MMR3XP	SRE-FB4-90MMR3NE	32					
	3-7/16	SRE-FB4-307R3XP	SRE-FB4-307R3NE	32					
	3-1/2	SRE-FB4-308R3XP	SRE-FB4-308R3NE	32					
220	100mm	SRE-FB4-100MMR3XP	SRE-FB4-100MMR3NE	43	84,300	112,400	1100	1350	1350
	3-15/16	SRE-FB4-315R3XP	SRE-FB4-315R3NE	43					
	4	SRE-FB4-400R3XP	SRE-FB4-400R3NE	43					

Note: * For load ratings in Newtons, multiply Lbs by 4.44.

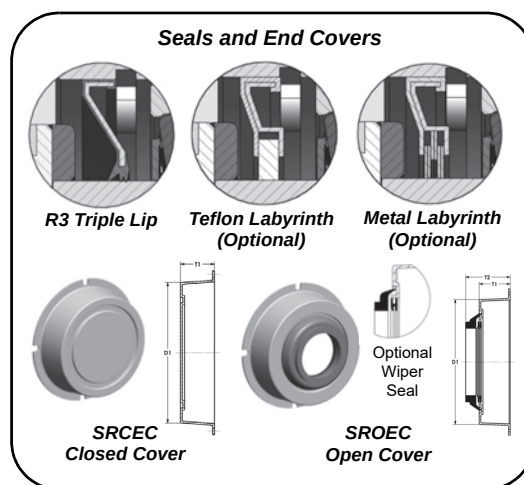
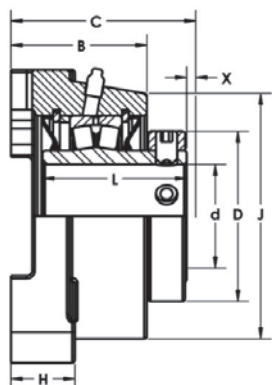
Optional Teflon Seals & End Covers 208-213 Sizes (215-220 continued on next page)

Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
208	30mm	SRE-FB4-30MRTLXP	SRE-FB4-30MRTLNE	SROEC208-30MM	—	SRCEC208	76	24	34
	35mm	SRE-FB4-35MRTLXP	SRE-FB4-35MRTLNE	SROEC208-35MM	—		3.0	0.9	1.3
	1-7/16	SRE-FB4-107TLXP	SRE-FB4-107TLNE	SROEC208-23	LER17DC		3.4	1.1	1.5
	1-1/2	SRE-FB4-108TLXP	SRE-FB4-108TLNE	SROEC208-24			4.8	1.1	1.6
209	40mm	SRE-FB4-40MRTLXP	SRE-FB4-40MRTLNE	SROEC209-40MM	—	SRCEC209	86	28	38
	45mm	SRE-FB4-45MRTLXP	SRE-FB4-45MRTLNE	SROEC209-45MM	—		3.4	1.1	1.5
	1-11/16	SRE-FB4-111TLXP	SRE-FB4-111TLNE	SROEC209-27	LER20DC		91	24	34
	1-3/4	SRE-FB4-112TLXP	SRE-FB4-112TLNE	SROEC209-28			3.6	0.9	1.3
210	50mm	SRE-FB4-50MRTLXP	SRE-FB4-50MRTLNE	SROEC210-50MM	—	SRCEC210	102	28	38
	1-15/16	SRE-FB4-115TLXP	SRE-FB4-115TLNE	SROEC210-31	LER24DC		122	28	41
	2	SRE-FB4-200TLXP	SRE-FB4-200TLNE	SROEC210-32			4.8	1.1	1.6
211	55mm	SRE-FB4-55MRTLXP	SRE-FB4-55MRTLNE	SROEC211-55MM	—	SRCEC211	102	28	38
	2-3/16	SRE-FB4-203TLXP	SRE-FB4-203TLNE	SROEC211-35	LER29DC		4.0	1.1	1.5
213	60mm	SRE-FB4-60MRTLXP	SRE-FB4-60MRTLNE	SROEC213-60MM	—	SRCEC213	122	28	41
	2-7/16	SRE-FB4-207TLXP	SRE-FB4-207TLNE	SROEC213-39	LER37DC		4.8	1.1	1.6
	2-1/2	SRE-FB4-208TLXP	SRE-FB4-208TLNE	SROEC213-40			4.8	1.1	1.6

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SRE Spherical Roller Bearings

SRE-FB4 Series 4-Bolt Flange



Housing Size	Shaft Size d	Dimensions (mm) / (in)										
		A	B	C	D	E	F Bolt	H	J	K	L	X Expansion
208	30mm	117.5	63.5	83.1	59.5	88.9	M14	26.9	98.4	125.7	69.9	4mm
	35mm											
	1-7/16 1-1/2	4.63	2.5	3.27	2.38	3.5	1/2	1.06	3.88	4.95	2.75	0.16
209	40mm	136.5	67.5	90.7	66.8	104.8	M14	30.2	108	148	73.0	6mm
	45mm											
	1-11/16 1-3/4	5.38	2.66	3.57	2.63	4.13	1/2	1.19	4.3	5.83	2.88	0.24
210	50mm	142.9	69.9	92.7	73.2	111.1	M14	30.2	114	157.2	73.0	6mm
	55mm											
	1-15/16 2	5.63	2.75	3.65	2.88	4.38	1/2	1.19	4.5	6.19	2.88	0.24
211	55mm	158.8	73.4	98.3	83	123.8	M16	33.3	124	175	79.4	6mm
	60mm											
	2-3/16 2-1/2	6.3	2.89	3.87	3.25	4.88	5/8	1.31	4.88	6.89	3.13	0.24
213	60mm	174.63	81	104.6	101.6	136.5	M16	38.1	146.1	193	85.7	6mm
	65mm											
	2-7/16 2-1/2	6.88	3.19	4.12	4.00	5.38	5/8	1.50	5.75	7.60	3.38	0.24
215	65mm	196.85	88.9	118.11	114.3	152.4	M20	41.4	165.1	215.65	92.1	6mm
	70mm											
	75mm											
218	80mm	235	103.2	130.8	130.3	177.8	M20	45.97	193.7	251.5	102.4	6mm
	85mm											
	90mm											
220	100mm	260.35	117.5	151.9	152.4	196.85	M22	53.9	214.3	278.4	116.6	7mm
	105mm											
	3-15/16 4	10.25	4.63	5.98	6.00	7.75	7/8	2.13	8.44	10.96	4.59	0.28

Optional Teflon Seals & End Covers 215-220 Sizes (208-213 on previous page)

Housing Size	Shaft Size d	Single Collar Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SRE-FB4-65MMTLXP	SRE-FB4-65MMTLNE	SROEC215-65MM	—	SRCEC215	132.1	32.5	47.2
	70mm	SRE-FB4-70MMTLXP	SRE-FB4-70MMTLNE	SROEC215-70MM	LER44DC				
	75mm	SRE-FB4-75MMTLXP	SRE-FB4-75MMTLNE	SROEC215-75MM	LER53DC				
218	80mm	SRE-FB4-80MMTLXP	SRE-FB4-80MMTLNE	SROEC218-80MM	—	SRCEC218	160	32.5	45.5
	85mm	SRE-FB4-85MMTLXP	SRE-FB4-85MMTLNE	SROEC218-85MM	LER102DC				
	90mm	SRE-FB4-90MMTLXP	SRE-FB4-90MMTLNE	SROEC218-90MM	LER102DC				
220	100mm	SRE-FB4-100MMTLXP	SRE-FB4-100MMTLNE	SROEC220-100MM	LER109DC	SRCEC220	180.3	38.1	54.1
	105mm	SRE-FB4-105MMTLXP	SRE-FB4-105MMTLNE	SROEC220-105MM	LER109DC				
	3-15/16 4	SRE-FB4-315TLXP	SRE-FB4-315TLNE	SROEC220-63	LER109DC		7.1	1.50	2.13

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SRE Spherical Roller Bearings

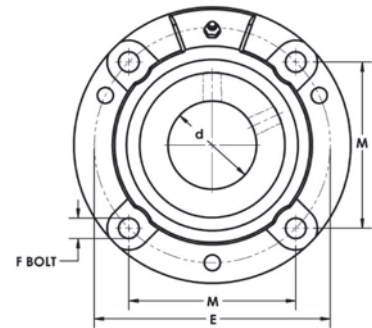


SRE-FC Series 4-Bolt Piloted Flange

Piloted 4-Bolt Flange Design
Single Locking Collar
Ductile Iron Housing
Interchanges with Tapered E-Series
Expansion & Non-Expansion Units
Self-Aligning (+/- 1-1/2°)
Triple Lip Seals
Teflon Seals & End Cover Options



Models Available



Housing Size	Shaft Size d	Single Locking Collar Pillow Block			Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
		Part No. Expansion	Part No. Non-Expansion	Wt. Lb					
208	30mm	SRE-FC-30MMR3XP	SRE-FC-30MMR3NE	5	17,540	20,230	2750	3600	3600
	35mm	SRE-FC-35MMR3XP	SRE-FC-35MMR3NE	5					
	1-7/16	SRE-FC-107R3XP	SRE-FC-107R3NE	5					
	1-1/2	SRE-FC-108R3XP	SRE-FC-108R3NE	5					
209	40mm	SRE-FC-40MMR3XP	SRE-FC-40MMR3NE	8	17,980	21,360	2425	3360	3360
	45mm	SRE-FC-45MMR3XP	SRE-FC-200R3NE	8					
	1-11/16	SRE-FC-111R3XP	SRE-FC-111R3NE	8					
	1-3/4	SRE-FC-112R3XP	SRE-FC-112R3NE	8					
210	50mm	SRE-FC-50MMR3XP	SRE-FC-50MMR3NE	9	20,230	24,730	2225	3180	3180
	1-15/16	SRE-FC-115R3XP	SRE-FC-115R3NE	9					
	2	SRE-FC-200R3XP	SRE-FC-200R3NE	9					
211	55mm	SRE-FC-55MMR3XP	SRE-FC-55MMR3NE	12	23,600	28,100	2000	2800	2800
	2-3/16	SRE-FC-203R3XP	SRE-FC-203R3NE	12					
213	60mm	SRE-FC-60MMR3XP	SRE-FC-60MMR3NE	16	37,090	46,090	1700	2360	2360
	2-7/16	SRE-FC-207R3XP	SRE-FC-207R3NE	16					
	2-1/2	SRE-FC-208R3XP	SRE-FC-208R3NE	16					
215	65mm	SRE-FC-65MMR3XP	SRE-FC-65MMR3NE	25	41,590	52,830	1500	2150	2150
	70mm	SRE-FC-70MMR3XP	SRE-FC-70MMR3NE	25					
	75mm	SRE-FC-75MMR3XP	SRE-FC-75MMR3NE	24					
	2-11/16	SRE-FC-211R3XP	SRE-FC-211R3NE	25					
	2-3/4	SRE-FC-212R3XP	SRE-FC-212R3NE	25					
	2-15/16	SRE-FC-215R3XP	SRE-FC-215R3NE	24					
218	80mm	SRE-FC-80MMR3XP	SRE-FC-80MMR3NE	32	62,950	83,180	1250	1600	1600
	85mm	SRE-FC-85MMR3XP	SRE-FC-85MMR3NE	32					
	90mm	SRE-FC-90MMR3XP	SRE-FC-90MMR3NE	32					
	3-7/16	SRE-FC-307R3XP	SRE-FC-307R3NE	32					
	3-1/2	SRE-FC-308R3XP	SRE-FC-308R3NE	32					
220	100mm	SRE-FC-100MMR3XP	SRE-FC-100MMR3NE	43	84,300	112,400	1100	1350	1350
	3-15/16	SRE-FC-315R3XP	SRE-FC-315R3NE	43					
	4	SRE-FC-400R3XP	SRE-FC-400R3NE	43					

Note: * For load ratings in Newtons, multiply Lbs by 4.44.** Double locking collar units other than those listed are available from production. Contact PTI.

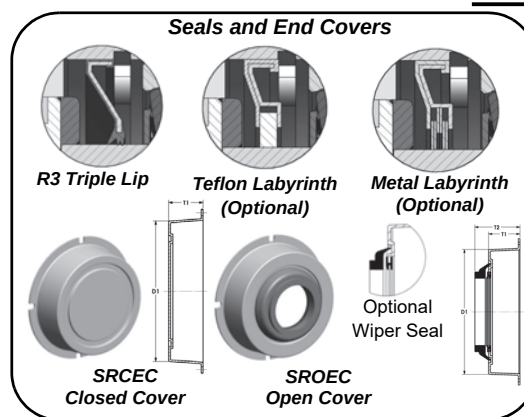
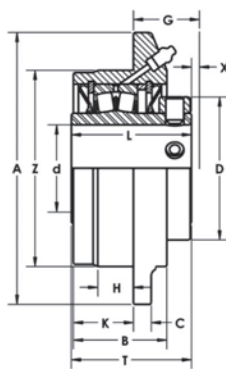
Optional Teflon Seals & End Covers 208-213 Sizes (215-220 continued on next page)

Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1
208	30mm	SRE-FC-30MRTLXP	SRE-FC-30MRTLNE	SROEC208-30MM	—	SRCEC208	34
	35mm	SRE-FC-35MRTLXP	SRE-FC-35MRTLNE	SROEC208-35MM	—		1.3
	1-7/16	SRE-FC-107TLXP	SRE-FC-107TLNE	SROEC208-23	LER17DC		38
209	40mm	SRE-FC-40MRTLXP	SRE-FC-40MRTLNE	SROEC209-40MM	—	SRCEC209	1.5
	45mm	SRE-FC-45MRTLXP	SRE-FC-200TLNE	SROEC209-45MM	—		34
	1-11/16	SRE-FC-111TLXP	SRE-FC-111TLNE	SROEC209-27	LER20DC		1.3
210	1-3/4	SRE-FC-112TLXP	SRE-FC-112TLNE	SROEC209-28	—	SRCEC210	41
	50mm	SRE-FC-50MRTLXP	SRE-FC-50MRTLNE	SROEC210-50MM	—		1.6
	1-15/16	SRE-FC-115TLXP	SRE-FC-115TLNE	SROEC210-31	LER24DC		38
211	1-3/4	SRE-FC-200TLXP	SRE-FC-200TLNE	SROEC210-32	—	SRCEC211	1.5
	55mm	SRE-FC-55MRTLXP	SRE-FC-55MRTLNE	SROEC211-55MM	—		41
	2-3/16	SRE-FC-203TLXP	SRE-FC-203TLNE	SROEC211-35	LER29DC		1.6
213	60mm	SRE-FC-60MRTLXP	SRE-FC-60MRTLNE	SROEC213-60MM	—	SRCEC213	1.6
	2-7/16	SRE-FC-207TLXP	SRE-FC-207TLNE	SROEC213-39	LER37DC		1.6
	2-1/2	SRE-FC-208TLXP	SRE-FC-208TLNE	SROEC213-40	—		1.6

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SRE Spherical Roller Bearings

SRE-FC Series 4-Bolt Piloted Flange



Housing Size	Shaft Size d	Dismount Thread	Dimensions (mm) / (in)													
			A	B	C	D	E	F Bolt	G	H	K	L	M	T	X Expansion	Z (+0.000 -0.002)
208	30mm	5/16-18	133.4	79.5	12.7	60.5	111.1	M10	40.1	19	33.3	69.9	75.6	—	0.16	—
	35mm		5.25	3.13	0.50	2.38	4.375	3/8	1.58	0.75	1.31	2.75	3.094	—	4mm	3.625
209	40mm	5/16-18	155.7	63.5	12.7	66.8	130.2	M12	41.9	22.4	40.4	73.2	92.1	—	0.24	107.95
	45mm		6.13	2.50	0.50	2.63	5.125	7/16	1.65	0.88	1.59	2.88	3.625	—	6mm	4.250
210	50mm	5/16-18	162.1	63.5	14.3	73.0	136.5	M12	41.1	22.2	41.4	73	96.5	—	0.24	113.3
	1-3/4		6.38	2.50	0.56	2.88	5.375	7/16	1.62	0.88	1.63	2.88	3.800	3.24	6mm	4.500
211	55mm	5/16-18	181.0	62	14.2	82.5	152.4	M12	46.7	25.4	38.1	79.4	4.24	3.3	0.24	127
	2-3/16		7.13	2.44	0.56	3.25	6.000	1/2	1.84	1.00	1.50	3.13	4.242	3.34	6mm	5.000
213	60mm	7/16-14	193.7	66.7	15.9	101.6	165.1	M12	47.5	25.4	42.9	85.7	117.71	90.3	0.24	127
	2-7/16		7.63	2.63	0.63	4.00	6.500	1/2	1.87	1.00	1.69	3.38	4.595	3.56	6mm	5.500
215	65mm	7/16-14	222	79.4	19	114.3	190.5	M16	5.2	31.8	50.8	92.1	134.7	103	0.24	162.9
	70mm		8.75	3.13	0.75	4.50	7.500	5/8	2.06	1.25	2.00	3.63	5.302	4.06	6mm	6.375
218	75mm	7/16-14	260	81	23.8	130.2	219.1	M20	64.9	31.75	44.5	102.4	154.9	109.3	0.24	187.3
	80mm		10.25	3.19	0.94	5.13	8.625	3/4	2.55	1.25	1.75	4.03	6.098	4.30	6mm	7.375
220	85mm	1/2-13	276	92	25.4	152.4	238.1	M20	74.2	38.1	50.8	116.6	168.4	125	0.28	206.4
	90mm		10.88	3.63	1.00	6.00	9.375	3/4	2.92	1.50	2.00	4.59	6.63	4.92	7mm	8.125

Optional Teflon Seals & End Covers 215-220 Sizes (208-213 sizes on previous page)

Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm) (in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SRE-FC-65MMLXP	SRE-FC-65MMLTNE	SROEC215-65MM	—	SRCEC215	132.1	32.5	47.2
	70mm	SRE-FC-70MMLXP	SRE-FC-70MMLTNE	SROEC215-70MM	LER44DC				
	75mm	SRE-FC-75MMLXP	SRE-FC-75MMLTNE	SROEC215-75MM	LER53DC				
	2-11/16	SRE-FC-211TLXP	SRE-FC-211TLNE	SROEC215-43	LER44DC	SRCEC215	5.2	1.28	1.86
	2-3/4	SRE-FC-212TLXP	SRE-FC-212TLNE	SROEC215-44	LER53DC				
	2-15/16	SRE-FC-215TLXP	SRE-FC-215TLNE	SROEC215-47	LER53DC				
218	3	SRE-FC-300TLXP	SRE-FC-300TLNE	SROEC215-48	—	SRCEC218	160	32.5	45.5
	80mm	SRE-FC-80MMLXP	SRE-FC-80MMLTNE	SROEC218-80MM	—				
	85mm	SRE-FC-85MMLXP	SRE-FC-85MMLTNE	SROEC218-85MM	LER102DC				
	90mm	SRE-FC-90MMLXP	SRE-FC-90MMLTNE	SROEC218-90MM	LER102DC	SRCEC218	6.3	1.28	1.79
	3-7/16	SRE-FC-307TLXP	SRE-FC-307TLNE	SROEC218-55	LER102DC				
	3-1/2	SRE-FC-308TLXP	SRE-FC-308TLNE	SROEC218-56	LER102DC				
220	100mm	SRE-FC-100MMLXP	SRE-FC-100MMLTNE	SROEC220-100MM	LER109DC	SRCEC220	180.3	38.1	54.1
	3-15/16	SRE-FC-400TLXP	SRE-FC-400TLNE	SROEC220-63	LER109DC				

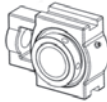
Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SR2200 Spherical Roller Bearings

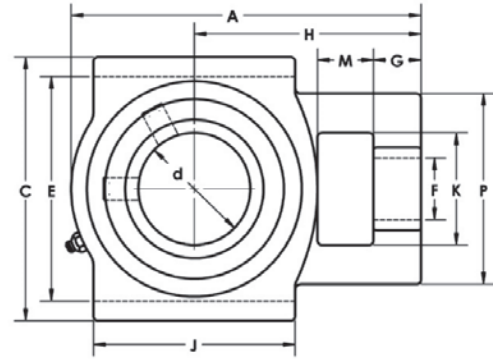


SR2-WSTU Series Wide Slot Take-Up Units

Ductile Iron Housing
Interchanges with Spherical Series
Medium Duty
Expansion & Non-Expansion Units
Self-Aligning (+/- 1-1/2°)
Set Screw Locking
Triple Lip Seals
Teflon Seals & End Cover Options



Models Available



Housing Size	Shaft Size d	Part No. Expansion	Part No. Non-Expansion	Wt. Lb	Basic Dynamic Load Rating C (Lbs)*	Basic Static Load Rating Co (Lbs)*	Max Speed (RPM) Triple Lip Grease	Max Speed (RPM) Teflon Labyrinth	Max Speed (RPM) Metal Labyrinth
210	50mm	SR2-WSTU-50MMR3XP	SR2-WSTU-50MMR3NE	10.0	20,230	24,730	2225	3180	3150
	1-15/16	SR2-WSTU-115R3XP	SR2-WSTU-115R3NE	10.0					
	2	SR2-WSTU-200R3XP	SR2-WSTU-200R3NE	10.0					
211	55mm	SR2-WSTU-55MMR3XP	SR2-WSTU-55MMR3NE	13.0	23,600	28,100	2000	2700	2800
	2-3/16	SR2-WSTU-203R3XP	SR2-WSTU-203R3NE	13.0					
213	60mm	SR2-WSTU-60MMR3XP	SR2-WSTU-60MMR3NE	17.0	37,090	46,090	1700	2160	2300
	2-7/16	SR2-WSTU-207R3XP*	SR2-WSTU-207R3NE*	17.0					
	2-1/2	SR2-WSTU-208R3XP	SR2-WSTU-208R3NE	17.0					
215	65mm	SR2-WSTU-65MMR3XP	SR2-WSTU-65MMR3NE	28.0	41,590	52,830	1500	2040	2150
	70mm	SR2-WSTU-70MMR3XP	SR2-WSTU-70MMR3NE	28.0					
	75mm	SR2-WSTU-75MMR3XP	SR2-WSTU-75MMR3NE	28.0					
	2-11/16	SR2-WSTU-211R3XP	SR2-WSTU-211R3NE	28.0					
	2-3/4	SR2-WSTU-212R3XP	SR2-WSTU-212R3NE	28.0					
	2-15/16	SR2-WSTU-215R3XP*	SR2-WSTU-215R3NE*	27.0					
218	3	SR2-WSTU-300R3XP	SR2-WSTU-300R3NE	27.0	62,950	83,180	1250	1560	1600
	80mm	SR2-WSTU-80MMR3XP	SR2-WSTU-80MMR3NE	50.0					
	85mm	SR2-WSTU-85MMR3XP	SR2-WSTU-85MMR3NE	50.0					
	90mm	SR2-WSTU-90MMR3XP	SR2-WSTU-90MMR3NE	50.0					
	3-7/16	SR2-WSTU-307R3XP*	SR2-WSTU-307R3NE*	50.0					
	3-1/2	SR2-WSTU-308R3XP	SR2-WSTU-308R3NE	50.0					

*For load ratings in Newtons, multiply Lbs by 4.44. Double locking collar units other than those listed are available from production. Contact PTI.

Optional Teflon Seals & End Covers 210-213 Sizes (215-218 Continued on next page)

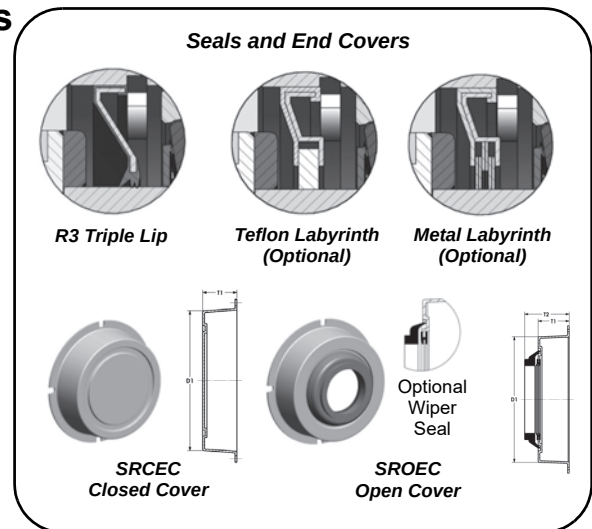
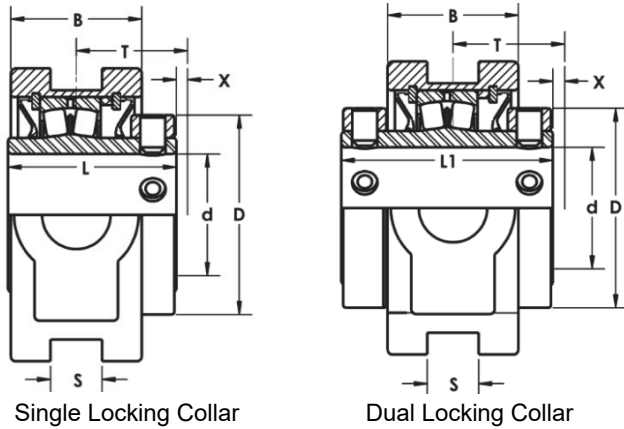
Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm)/(in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
210	50mm	SR2-WSTU-50MMLXP	SR2-WSTU-50MMLNE	SROEC210-50MM	LER24DC	SRCEC210	91	24	34
	1-15/16	SR2-WSTU115TLXP	SR2-WSTU-115TLNE	SROEC210-31			3.6	0.9	1.3
	2	SR2-WSTU200TLXP	SR2-WSTU-200TLNE	SROEC210-32					
211	55mm	SR2-WSTU-55MMLXP	SR2-WSTU-55MMLNE	SROEC211-55MM	LER29DC	SRCEC211	102	28	38
	2-3/16	SR2-WSTU-203TLXP	SR2-WSTU-203TLNE	SROEC211-35			4.0	1.1	1.5
213	60mm	SR2-WSTU-60MMLXP	SR2-WSTU-60MMLNE	SROEC213-60MM	—	SRBCEC213	122	28	41
	2-7/16	SR2-WSTU-207TLXP	SR2-WSTU-207TLNE	SROEC213-39			4.8	1.1	1.6
	2-1/2	SR2-WSTU-208TLXP	SR2-WSTU-208TLNE	SROEC213-40					

Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and be ordered separately.

SR2200 Spherical Roller Bearings



SR2-WSTU Series Wide Slot Take Up Units



Housing Size	Shaft Size d	Dimensions (in)															
		A	B	C	D	E	F Bolt	G	H	J	K	L	M	P	S	T	X Expansion
210	50mm	166.6	62	121	73.0	101.6	25.4	25	100	95	49	73.2	19	84	17.47	50.8	6mm
	1-15/16 2	6.56	2.44	4.75	2.88	4.000	1.000	0.94	3.94	3.75	1.94	2.88	0.75	3.31	0.688	2.00	0.24
211	55mm	181.1	62	133	82.5	114.30	28.5	25	118	95.00	57	79.4	25	99	20.65	55.4	6mm
	2-3/16	7.13	2.44	5.25	3.25	4.500	1.188	1.00	4.63	3.75	2.25	3.13	1.00	3.88	0.813	2.18	0.24
213	60mm	198.4	67	149	101.6	127.0	31.8	27	129	114	63	85.7	31.7	108	26.18	56.9	6mm
	2-7/16 2-1/2	7.81	2.63	5.88	4.00	5.000	1.313	1.06	5.06	4.50	2.50	3.38	1.25	4.25	1.031	2.24	0.24
215	65mm	231.9	76	170	114.3	149.22	38.100	29	149	120	70	92.2	31.7	124	45.23	63.3	6mm
	70mm																
	75mm																
	2-11/16 2-3/4 2-15/16 3	9.13	3.00	6.69	4.50	5.875	1.438	1.12	5.88	4.75	2.75	3.63	1.25	4.88	1.781	2.49	0.24
218	80mm	260	87	198	130.2	173.05	41.3	27	162	152	73	102	41.4	124	45.23	68.8	6mm
	85mm																
	90mm																
	3-7/16 3-1/2	10.25	3.44	7.81	5.13	6.813	1.688	1.06	6.38	6.00	2.88	4.03	1.63	4.88	1.781	2.71	0.24

Optional Teflon Seals & End Covers 215-218 Sizes (210-213 on previous page)

Housing Size	Shaft Size d	Units with Teflon Seals		Open End Cover Components		Closed End Cover Part No.	Dimensions (mm) (in)		
		Part No. Expansion	Part No. Non-Expansion	Open End Cover Part No.	Wiper Seal Part No.		D1	T1	T2
215	65mm	SR2-WSTU-65MMTLXP	SR2-WSTU-65MMTLNE	SROEC-65MM	—	SRCEC215	132.1	32.5	47.2
	70mm	SR2-WSTU-70MMTLXP	SR2-WSTU-70MMTLNE	SROEC215-70MM	LER44DC				
	75mm	SR2-WSTU-75MMTLXP	SR2-WSTU-75MMTLNE	SROEC215-75MM	LER53DC				
	2-11/16 2-3/4 2-15/16 3	SR2-WSTU-211TLXP SR2-WSTU-212TLXP SR2-WSTU-215TLXP SR2-WSTU-300TLXP	SR2-WSTU-211TLNE SR2-WSTU-212TLNE SR2-WSTU-215TLNE SR2-WSTU-300TLNE	SROEC215-43 SROEC215-44 SROEC215-47 SROEC215-48	LER44DC LER53DC		5.2	1.28	1.86
218	80mm	SR2-WSTU-80MMTLXP	SR2-WSTU-80MMTLNE	SRCEC218-80MM	—	SRCEC218	160	32.5	45.5
	85mm	SR2-WSTU-85MMTLXP	SR2-WSTU-85MMTLNE	SRCEC218-85MM	LER102DC				
	90mm	SR2-WSTU-90MMTLXP	SR2-WSTU-90MMTLNE	SRCEC218-90MM	LER102DC				
	3-7/16 3-1/2	SR2-WSTU-307TLXP SR2-WSTU-308TLXP	SR2-WSTU-307TLNE SR2-WSTU-308TLNE	SRCEC218-55 SRCEC218-56	LER102DC		6.3	1.28	1.79

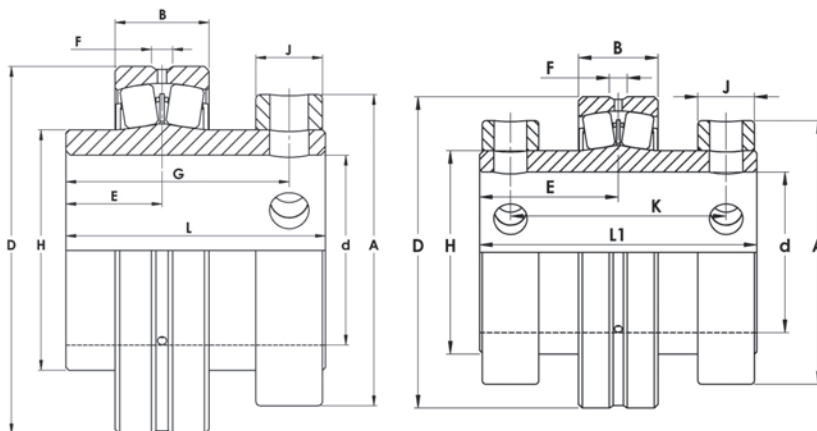
Note: Open End Covers include the steel cover and internal double lip shaft seal. The Wiper Seal is optional and may be ordered separately.

SRE & SR2200 Spherical Roller Bearings



SR Series Insert

Single & Dual Locking Collar
Inch and Metric Bores



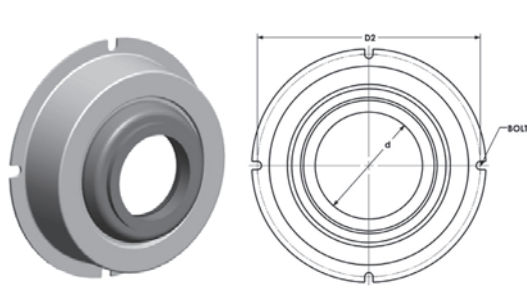
Housing	Shaft Size d	Part No. Single Collar	Part No. Double Collar	C (Lbs)	Co (Lbs)	Internal Clearance		Dimensions (in)																Load Calculation Factors			
						Min in	Max in	A	B mm	D mm	E	F	G	H	J	K	L	L1	Set Screw Size	Wt. Lb	e	Y ₁	Y ₂	Y ₀			
208	30mm	476208-30MM	—	17,540	20,203	0.0010	0.0020	60.33	23	80	25.4	5.6	59.4	48.5	15.9	68.2	69.9	90.4	3/8-24	2.6	0.28	2.4	3.6	2.5			
	35mm	476208-35MM	—	17,540	20,203	0.0010	0.0020	60.33	23	80	25.4	5.6	59.4	48.5	15.9	68.2	69.9	90.4	3/8-24	2.6	0.28	2.4	3.6	2.5			
	1-7/16 1-1/2	476208-107 476208-108	476208-107VSB —	17,540	20,230	0.0010	0.0020	2.375	23	80	1.00	0.22	2.34	1.91	0.625	2.68	2.75	3.56	3/8-24	2.6	0.28	2.4	3.6	2.5			
209	40mm	476209-40MM	—	17,980	21,360	0.0012	0.0022	66.68	23	85	25.4	5.6	61.7	54.8	15.9	—	73.2	96.8	3/8-24	2.6	0.26	2.6	3.9	2.5			
	45mm	476209-45MM	—	17,980	21,360	0.0012	0.0022	66.68	23	85	25.4	5.6	61.7	54.8	15.9	—	73.2	96.8	3/8-24	2.6	0.26	2.6	3.9	2.5			
	1-1/2 1-11/16 1-3/4	476209-108 476209-111 476209-112	—	17,980	21,360	0.0012	0.0022	2.625	23	85	1.00	0.22	2.43	2.16	0.625	—	2.88	3.81	3/8-24	2.6	0.26	2.6	3.9	2.5			
210	50mm	476210-50MM	—	20,230	24,730	0.0012	0.0022	73.03	23	90	25.4	5.6	62.0	59.9	15.9	72.9	73.2	96.8	3/8-24	2.6	0.24	2.8	4.2	2.8			
	1-3/4	476210-112	—	20,230	24,730	0.0012	0.0022	2.875	23	90	1.00	0.22	2.44	2.36	0.625	2.87	2.88	3.81	3/8-24	2.6	0.24	2.8	4.2	2.8			
	1-15/16 2	476210-115 476210-200	—	20,230	24,730	0.0012	0.0022	2.875	23	90	1.00	0.22	2.44	2.36	0.625	2.87	2.88	3.81	3/8-24	2.6	0.24	2.8	4.2	2.8			
211	55mm	476211-55MM	—	23,600	28,100	0.0014	0.0026	82.55	25	100	28.6	5.6	68.1	66.0	19.1	79.2	79.5	104.9	3/8-24	3.5	0.24	2.8	4.2	2.8			
	2-3/16	476211-203	—	23,600	28,100	0.0014	0.0026	3.25	25	100	1.13	0.22	2.68	2.60	0.75	3.12	3.13	4.13	3/8-24	3.5	0.24	2.8	4.2	2.8			
213	60mm	476213-60MM	476213-60MMVSB	37,090	46,090	0.0014	0.0026	101.6	31	120	31.8	5.6	73.7	78.4	22.2	84.0	85.9	108.0	1/2-20	6.5	0.24	0.8	4.2	2.8			
	2-7/16 2-1/2	476213-207 476213-208	476213-207VSB —	37,090	46,090	0.0014	0.0026	4.000	31	120	1.25	0.22	2.90	3.09	0.875	3.31	3.38	4.25	1/2-20	6.5	0.24	0.8	4.2	2.8			
	65mm	476213-65MM	476213-65MMVSB	41,590	52,830	0.0018	0.0031	114.3	31	130	31.8	5.6	77.0	88.7	22.2	90.2	92.2	120.7	1/2-20	7.2	0.22	3.0	4.6	2.8			
215	70mm	476215-70MM	476215-70MMVSB	41,590	52,830	0.0018	0.0031	114.3	31	130	31.8	5.6	77.0	88.7	22.2	90.2	92.2	120.7	1/2-20	7.2	0.22	3.0	4.6	2.8			
	75mm	476215-75MM	476215-75MMVSB	41,590	52,830	0.0018	0.0031	114.3	31	130	31.8	5.6	77.0	88.7	22.2	90.2	92.2	120.7	1/2-20	7.2	0.22	3.0	4.6	2.8			
	2-11/16	476215-211	—	41,590	52,830	0.0018	0.0031	4.500	31	130	1.25	0.22	3.03	3.49	0.875	3.55	3.63	4.75	1/2-20	7.2	0.22	3.0	4.6	2.8			
	2-3/4	476215-212	—	41,590	52,830	0.0018	0.0031	4.500	31	130	1.25	0.22	3.03	3.49	0.875	3.55	3.63	4.75	1/2-20	7.2	0.22	3.0	4.6	2.8			
	2-15/16 3	476215-215 476215-300	476215-215VSB —	41,590	52,830	0.0018	0.0031	4.500	31	130	1.25	0.22	3.03	3.49	0.875	3.55	3.63	4.75	1/2-20	7.2	0.22	3.0	4.6	2.8			
218	80mm	476218-80MM	—	62,950	83,180	0.0024	0.0039	130.2	40	160	36.5	5.6	87.1	107.3	22.2	101.4	102.4	131.8	1/2-20	13	0.23	2.9	4.4	2.8			
	85mm 90mm	476128-85MM 476218-90MM	476218-85MMVSB —	62,950	83,180	0.0024	0.0039	130.2	40	160	36.5	5.6	87.1	107.3	22.2	101.4	102.4	131.8	1/2-20	13	0.23	2.9	4.4	2.8			
	3-7/16 3-1/2	476218-307 476218-308	476218-307VSB —	62,950	83,180	0.0024	0.0039	5.1	40	160	1.44	0.22	3.43	4.22	0.875	4.0	4.03	5.19	1/2-20	13	0.23	2.9	4.4	2.8			
220	100mm	476220-100MM	476220-100MMVSB	84,300	112,400	0.0024	0.0039	152.4	46	180	41.3	8.4	99.1	118.1	25.4	115.7	116.6	150.9	5/8-18	18	0.24	2.8	4.2	2.8			
	3-15/16 4	476220-315 476220-400	476220-315VSB —	84,300	112,400	0.0024	0.0039	6.00	46	180	1.63	0.33	3.90	4.650	1.00	4.55	4.59	5.94	5/8-18	18.1	0.24	2.8	4.2	2.8			
	110mm	—	476222-100MMVSB	94,420	134,890	0.0028	0.0047	155.6	53	200	77.8	8.4	130.3	127.7	25.4	130.2	—	155.7	5/8-18	29	0.25	2.7	4.0	2.5			
222	4-7/16	—	476222-407VSB	94,420	134,890	0.0028	0.0047	6.13	53	200	3.06	0.33	5.13	5.03	1.00	5.13	—	6.13	5/8-18	29.0	0.25	2.7	4.0	2.5			
	4-1/2	—	476222-408VSB	94,420	134,890	0.0028	0.0047	6.13	53	200	3.06	0.33	5.13	5.03	1.00	5.13	—	6.13	5/8-18	29.0	0.25	2.7	4.0	2.5			
226	125mm	—	476226-125MMVSB	128,140	185,470	0.0035	0.0057	174.8	64	230	84.1	11.2	143.0	147.8	25.4	142.9	—	168.4	5/8-18	41	0.26	2.6	3.9	2.5			
	4-15/16 5	— —	476226-415VSB 476226-500VSB	128,140	185,470	0.0035	0.0057	6.88	64	230	3.313	0.44	5.63	5.819	1.00	2.63	—	6.63	5/8-18	40.7	0.26	2.6	3.9	2.5			

Note: All bearing inserts can be provided with dual locking collars. Contact PTI for availability. For load ratings in Newtons (N) multiply Lbs x 4.44.

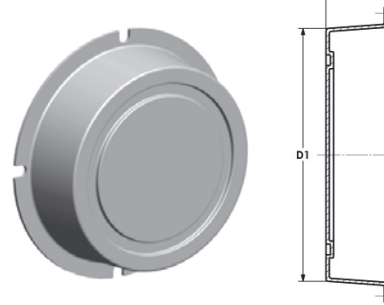
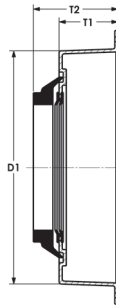
SRE & SR2200 Spherical Roller Bearings



Open & Closed End Covers



Open End Cover (OEC) with Optional Wiper Seal



Closed End Cover (CEC)

Housing	Shaft Size d	SRE Open End Cover Components		SR2200 Open End Cover Components		Closed End Cover Part No.	Dimensions (in)				Cap Bolt	Wt. Lbs
		Open End Cover Part No.	Wiper Seal Part No. (Optional)	Open End Cover Part No.	Wiper Seal Part No. (Optional)		D1	D2	T1	T2		
208	30mm	SROEC208-30MM	—	SROEC208-30MM	—	SRCEC208	76	88	24	34	10-24	0.2
	35mm	SROEC208-35MM	—	SROEC208-35MM	—							
	1-7/16	SROEC208-23	LER17DC	SROEC208-23	LER17DC		3.0	3.46	0.9	1.3		
209	1-1/2	—	—	SROEC208-24	LER17DC	SRCEC209					10-24	0.3
	40mm	SROEC209-40MM	—	SROEC209-40MM	—		86	96	28	38		
	45mm	SROEC209-45MM	—	SROEC209-45MM	—							
	1-1/2	SROEC209-24	LER17DC	SROEC209-27	—		3.4	3.78	1.1	1.5		
	1-11/16	SROEC209-27	LER20DC	SROEC209-28	LER20DC							
210	1-3/4	—	—			SRCEC210					1/4-20	0.4
	50mm	SROEC210-50MM	—	SROEC210-50MM	—		91	104	24	34		
	1-3/4	SROEC210-28	LER20DC	—	—		3.6	4.09	0.9	1.3		
	1-15/16	SROEC210-31	LER24DC	SROEC210-31	LER24DC							
211	2	SROEC210-32	LER24DC	SROEC210-32	LER24DC	SRCEC211					1/4-20	0.5
	55mm	SROEC211-55MM	—	SROEC211-55MM	—		102	114	28	38		
	2-3/16	SROEC211-35	LER29DC	SROEC211-35	LER29DC		4.0	4.49	1.1	1.5		
213	60mm	SROEC213-60MM	—	SROEC213-60MM	—	SRCEC213	122	133	28	41	1/4-20	0.6
	2-7/16	SROEC213-39	LER37DC	SROEC213-39	LER37DC		4.8	5.24	1.1	1.6		
	2-1/2	SROEC213-40	LER37DC	SROEC213-40	LER37DC							
215	70mm	SROEC215-70MM	—	SROEC215-70MM	—	SRCEC215	132.1	149	32.5	47.2	1/4-20	0.7
	75mm	SROEC215-75MM	—	SROEC215-75MM	—							
	2-11/16	SROEC215-43	LER44DC	SROEC215-43	LER44DC		5.2	5.85	1.28	1.86		
	2-3/4	SROEC215-44	LER44DC	SROEC215-44	LER44DC							
	2-15/16	SROEC215-47	LER53DC	SROEC215-47	LER53DC							
218	3	SROEC215-48	LER53DC	SROEC215-48	LER53DC	SRCEC218					1/4-20	0.8
	80mm	SROEC218-80MM	—	SROEC218-80MM	—		160	177	32.5	45.5		
	85mm	SROEC218-85MM	—	SROEC218-85MM	—							
	90mm	SROEC218-90MM	—	SROEC218-90MM	—		6.3	6.95	1.28	1.79		
	3-7/16	SROEC218-55	LER102DC	SROEC218-55	LER102DC							
220	3-1/2	SROEC218-56	LER102DC	SROEC218-56	LER102DC	SRCEC220					1/4-20	0.9
	100mm	SROEC220-100MM	—	SROEC220-100MM	—		180	196	38.1	54.1		
	3-15/16	SROEC220-63	LER109DC	SROEC220-63	LER109DC		7.10	7.70	1.50	2.13		
222	4	SROEC220-64	LER109DC	SROEC220-64	LER109DC	SRCEC222					5/16-18	1.0
	110mm	SROEC222-110MM	—	SROEC222-110MM	—		201	234	41.4	53.6		
	4-7/16	SROEC222-71	LER117DC	SROEC222-71	LER117DC		7.9	9.21	1.63	2.11		
226	4-1/2	SROEC222-72	LER117DC	SROEC222-72	LER117DC	SRCEC226					5/16-18	1.2
	125mm	SROEC226-125MM	—	SROEC226-125MM	—		229	272	41.4	58.7		
	4-15/16	SROEC226-79	LER122DC	SROEC226-79	LER122DC		9.0	10.71	1.63	2.31		
	5	SROEC226-80	LER122DC	SROEC226-80	LER122DC							

Metric Equivalents

mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
1	0.0394	21	0.8268	41	1.6142	61	2.4016	81	3.1890	105	4.1339
2	0.0787	22	0.8661	42	1.6535	62	2.4409	82	3.2283	110	4.3307
3	0.1181	23	0.9055	43	1.6929	63	2.4803	83	3.2677	115	4.5276
4	0.1575	24	0.9449	44	1.7323	64	2.5197	84	3.3071	120	4.7244
5	0.1969	25	0.9843	45	1.7717	65	2.5591	85	3.3465	125	4.9213
6	0.2362	26	1.0236	46	1.8110	66	2.5984	86	3.3858	130	5.1181
7	0.2756	27	1.0630	47	1.8504	67	2.6378	87	3.4252	135	5.3150
8	0.3150	28	1.1024	48	1.8898	68	2.6772	88	3.4646	140	5.5118
9	0.3543	29	1.1417	49	1.9291	69	2.7165	89	3.5039	145	5.7087
10	0.3937	30	1.1811	50	1.9685	70	2.7559	90	3.5433	150	5.9055
11	0.4332	31	1.2205	51	2.0079	71	2.7953	91	3.5827	155	6.1024
12	0.4724	32	1.2598	52	2.0472	72	2.8346	92	3.6220	160	6.2992
13	0.5118	33	1.2992	53	2.0866	73	2.8740	93	3.6614	165	6.4961
14	0.5512	34	1.3386	54	2.1260	74	2.9134	94	3.7008	170	6.6929
15	0.5906	35	1.3780	55	2.1654	75	2.9528	95	3.7402	175	6.8898
16	0.6299	36	1.4173	56	2.2047	76	2.9921	96	3.7795	180	7.0866
17	0.6693	37	1.4567	57	2.2441	77	3.0315	97	3.8189	185	7.2835
18	0.7087	38	1.4961	58	2.2835	78	3.0709	98	3.8583	190	7.4803
19	0.7480	39	1.5354	59	2.3228	79	3.1102	99	3.8976	195	7.6772
20	0.7874	40	1.5748	60	2.3622	80	3.1496	100	3.9370	200	7.8740
										300	11.8110

Decimal Equivalents

1/64	0.0156	17/64	0.2656	33/64	0.5156	49/64	0.7656
1/32	0.0313	9/32	0.2813	17/32	0.5313	25/32	0.7813
3/64	0.0469	19/64	0.2969	35/64	0.5469	51/64	0.7969
1/16	0.0625	5/16	0.3125	9/16	0.5625	13/16	0.8125
5/64	0.0781	21/64	0.3281	37/64	0.5781	53/64	0.8281
3/32	0.0938	11/32	0.3438	19/32	0.5938	27/32	0.8438
7/64	0.1094	23/64	0.3594	39/64	0.6094	55/64	0.8594
1/8	0.1250	3/8	0.3750	5/8	0.6250	7/8	0.8750
9/64	0.1406	25/64	0.3906	41/64	0.6406	57/64	0.8906
5/32	0.1563	13/32	0.4063	21/32	0.6563	29/32	0.9063
11/64	0.1719	27/64	0.4219	43/64	0.6719	59/64	0.9219
3/16	0.1875	7/16	0.4375	11/16	0.6875	15/16	0.9375
13/64	0.2031	29/64	0.4531	45/64	0.7031	61/64	0.9531
7/32	0.2188	15/32	0.4688	23/32	0.7188	31/32	0.9688
15/64	0.2344	31/64	0.4844	47/64	0.7344	63/64	0.9844
1/4	0.2500	1/2	0.5000	3/4	0.7500	1	1.0000

Metric

Inch

1 Millimeter (mm)	=	0.0393701 Inch (in)	1 Kilogram (kg)	=	2.204 pounds (lb)
25.4 Millimeters (mm)	=	1 inch (in)	1 Joule (J)	=	0.7375621 Foot-Pounds (ft-lb)
1 Meter (m)	=	3.2808 (ft)	1 Square Centimeter (cm²)	=	0.1550003 Square Inches (in²)
1 Meter (m)	=	39.37 inches (in)	1 Cubic Meter (m³)	=	35.31466 Cubic Feet (ft³)
1 Newton (N)	=	0.102 Kilogram-Force (kp)	1 Kilogram per Square Centimeter (kg/cm²)	=	14.22334 Pounds per square Inch (lb/in²)
1 Newton (N)	=	0.2248 Pound-Force (lbf)	1 Kilogram per Meter (kg/m)	=	0.67197 Pounds per Foot (lb/ft)
1 Bar	=	100 Kilopascals (kPa)	1 U.S. Horsepower (HP)	=	0.7457 Kilowatt (kw)
1 Bar	=	14.50377 Pounds per Square Inch (lb/in²)	1 Metric Horsepower (CV)	=	0.9863203 U.S. Horsepower (HP)

WARNING: The information provided about Product and Product Interchange in this catalog is to be used as a general reference by individuals qualified to recognize unreasonable selections. Because of the possibility of danger to person(s), and/or property as a result of accidents involving improper product use, it is important that correct installations and operating procedures be followed. Proper installation and maintenance procedures are necessary to assure safe operations under the given conditions. Guards and other safety devices may be required to meet safety codes. These are not supplied by nor are they the responsibility of P.T. International Corp.

All information provided in this catalog is provided for your convenience and was correct at the time of printing with the exception of clerical and or printing errors. Data is subject to change without notice.



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