SRE & SR2200
MOUNTED SPHERICAL ROLLER BEARINGS

European Metric and American Standard Industrial Power Transmission Products

PTI SRE and SR2200 mounted spherical roller bearings from PTI are designed to meet industry standard “E” and “2000” series dimensions. Available for 1-7/16” - 5” shafts, SRE and SR2200 products feature ductile iron housings for added strength and HNBR triple lip seals for superior sealing & chemical resistance and an operating temperature range from -22°F through 290°F.

PRODUCT HIGHLIGHTS*

Interchangeable with Competitive Brands
SRE = “E” Dimensioned Products
SR2200 = “2000” Series Products

21 Shaft Sizes from 1-7/16” - 5”

Expansion and Non-Expansion Versions

Expansion Capability of up to 7mm (>1/4”)
Setscrew Locking Collars for Easy Installation
Dual Collars Standard Above 4”;
Optional for 2-7/16”, 2-15/16”, 3-7/16” and 3-15/16”

HOUSINGS AVAILABLE - For a Wide Range of Applications

Pillow Blocks

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Shaft Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRE-PB2</td>
<td>2 Bolt Pillow Block</td>
<td>1-7/16 thru 4”</td>
</tr>
<tr>
<td>SR2-PB2</td>
<td>2 Bolt Pillow Block</td>
<td>1-7/16 thru 4”</td>
</tr>
<tr>
<td>SRE-PB4</td>
<td>4 Bolt Pillow Block</td>
<td>2-7/16 thru 5”</td>
</tr>
<tr>
<td>SR2-PB4</td>
<td>4 Bolt Pillow Block</td>
<td>2-7/16 thru 5”</td>
</tr>
</tbody>
</table>

Flanges

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Shaft Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR2-FB4</td>
<td>4-Bolt Flange</td>
<td>1-7/16 thru 4”</td>
</tr>
<tr>
<td>SR2-FC4</td>
<td>Piloted Flange</td>
<td>1-7/16 thru 4”</td>
</tr>
</tbody>
</table>

Wide Slot Take-Ups

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Shaft Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR2-WSTU</td>
<td>Wide Slot Take Up</td>
<td>2-7/16 thru 4”</td>
</tr>
</tbody>
</table>

*Assembled in Charlotte, NC

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www.ptintl.com
SRE & SR2200 SPHERICAL MOUNTED ROLLER BEARINGS

KEY FEATURES

Ductile Iron Housings = Similar to Cast Steel at a Fraction of the Cost
- Tensile Strength = 72,500 PSI (Cast Iron = 30,000 PSI)
- Yield Strength = 46,400 PSI (Cast Iron = 30,000 PSI)

Designed Using FEA Analysis
Most Rugged, Heaviest Housings in the Industry
Solid Base Design for Added Strength (see comparison below)
Elongated Bolt Holes Ensure Interchangeability with All Major Competitive Brands

Standard “R3” Triple Lip HNBR Seals
Excellent Protection Against Contamination
Operating Temp. = –22°F to +290°F | Excellent Abrasion, Chemical and Ozone Resistance

SEALS AND END COVERS*

Teflon and Steel Labyrinth Seals Are Available for High Temperature or High Speed Applications

Open and Closed End Covers Are Available for Added Safety and Sealing

COMPETITIVE INTERCHANGES

NOMENCLATURE

Manufacturer | "E" Series | "2000" Series
---|---|---
PTI | SRE | SR2200
Hub City | KPBE | KPB
Jones | JE | JA
Link-Belt | EPB22400 | PB22400
Moline | 291…, 292… | 191…, 192…
Rex | ZEP | ZA
Sealmaster | USRB…E | USRB
SKF | SYE | SYR
Timken/OM | QAP/QAAP | QAPL/QAAP

HOUSING FOOTPRINT COMPARISON

PTI (left) vs. Competitors

Nomenclature Example - SRE-PB2-215R3XP-DC

Bearing Series
- SR2 = SR2200 Series
- SRE = SRE Series

Housing Style
- PB2 = 2-Bolt Pillow Block
- PB4 = 4-Bolt Pillow Block
- FB4 = 4-Bolt Flange
- FC = Piloted Flange
- WSTU = Wide-Slot Take-Up

Shaft Size
- 2 = 2"
- 15 = 15/16"
- 215 = 2-15/16"

Seal Type
- R3 = Rubbing Seal, Triple Lip
- TL = Teflon Labyrinth
- SL = Steel Labyrinth

Expansion or Non-Expansion
- XP = Expansion
- NE = Non-Expansion

SRE-PB2-215 R3XP- DC = Dual Collar (Standard Above 4")