



SOLUTIONS BY SOLVE »»

PRODUCT HIGHLIGHTS

- » **Interchangeable with competitive brands.** SR2200 Series compares to “2000” Series Products. SRE compares to “E” Dimensioned Products.
- » **Elongated bolt holes ensure interchangeability** with all major competitive brands.
- » **Premium lithium grease** with a temperature range of -22° F to 290° F comes standard.
- » **21 Shaft Sizes** from 1 7/16" to 5"
- » **Set screw Lock Collars for easy installation.** Dual Collars standard above 4" and optional on 2 7/16", 2 15/16", 3 7/16", and 3 15/16".

EXPANSION AND NON-EXPANSION UNITS

All sizes and styles are available in both Expansion and Non-Expansion versions. Expansion capability of up to 7mm (>1/4").

CUSTOM ENGINEERED SOLUTIONS

Solve offers customization capabilities for all units, such as modification to allow for thermal or vibration sensors.

SRE & SR2200 SERIES

UNITIZED SPHERICAL BALL BEARINGS

Roller bearings generally offer higher radial load capacities but lower axial load capacities than equivalent-sized ball bearings.

PILLOW BLOCKS



SR2200 2-Bolt Pillow Block



SR2200 4-Bolt Pillow Block



SRE 2-Bolt Pillow Block



SRE 4-Bolt Pillow Block

FLANGES



SRE & SR2200
4-Bolt Flange



SRE & SR2200
4-Bolt Piloted Flange

TAKE-UP UNITS

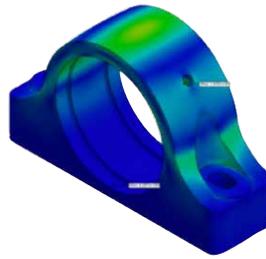


SR2-WSTU
Wide Slot Take Up

THE SOLVE MOUNTED ROLLER BEARING DIFFERENCE

RUGGED DESIGN TO MAXIMIZE DURABILITY

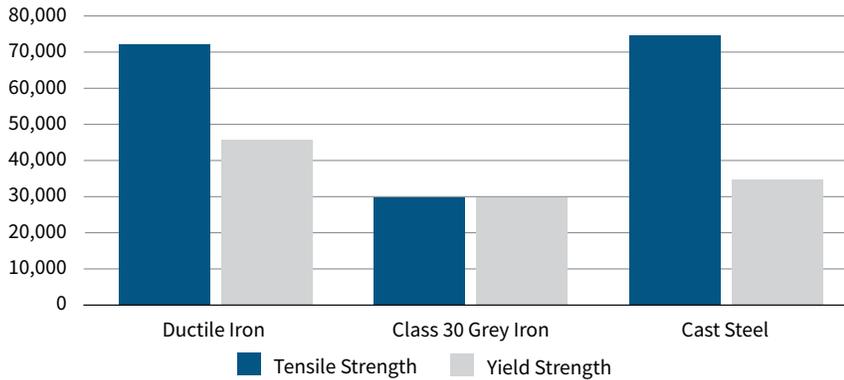
Unlike most competitors, including top tier manufacturers, the Solve SRE and SR2200 Series features a solid base design for added strength, making these some of the most rugged SRBs on the market.



All SRE and SR2200 models have been designed and engineered in Charlotte, North Carolina, using Finite Element Analysis (FEA). This allows our engineers to work out weak spots found in other spherical roller bearings.

THE DUCTILE IRON ADVANTAGE

All SRE and SR2200 Series spherical roller bearings feature Ductile Iron housings, which offer significantly more strength than the more common Cast Iron housing and are virtually identical to steel material strength at a fraction of the cost.



SEAL OPTIONS

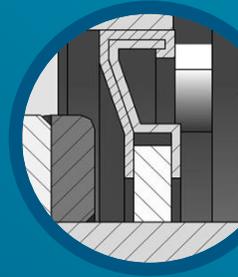
HNBR Triple Lip Seal (R3)

Triple Lip Seal reduces contamination and moisture ingress while HNBR seal material allows for operating temperatures between -22° F (-30° C) and 290° F (143° C).



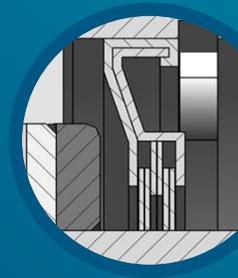
Teflon Labyrinth Seal (TL)

TL Seals offer a labyrinth non-contact seal for higher speeds and/or temperatures (-100° F / -74° C to 400° F/204° C).



Steel Labyrinth Seal (SL)

These metal floating labyrinth seals' operating temperatures are limited only by the type of lubrication used.



Extend Bearing Life with SRE and SR2200 End Covers



Closed End Covers
Seals the exposed side of the bearing unit.



Open End Covers
Includes a double lip contact shaft seal and accepts an optional face wiper seal for ultimate protection.

SOLVE »
INDUSTRIAL MOTION GROUP

PTI™

PTI is part of Solve Industrial Motion Group, an industry-leading manufacturer and supplier of precision bearings and power transmission components.

800.763.4434 • ptiinfo@ptintl.com