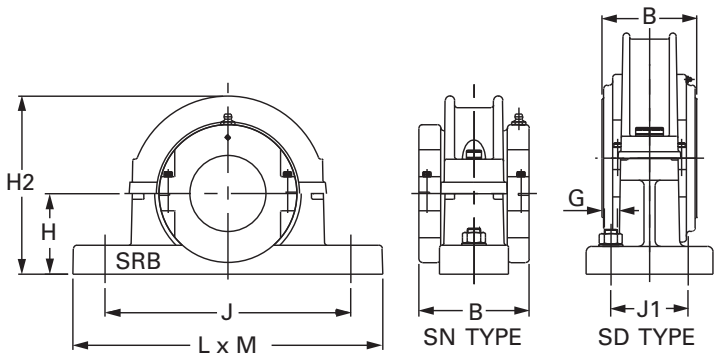


Innovations in
SPLIT CYLINDRICAL ROLLER BEARINGS



Plummer Block Housings

The compact Split Plummer Block Bearing from Revolve is the first split cylindrical roller bearing assembly to be interchangeable with standard SNL/SN/SD/SAF series Plummer Blocks.

Cast iron Plummer Blocks accommodating adaptor sleeve-mounted solid spherical roller bearings are amongst the most common types in use, supporting rotating shafts in everything from conveyors and fans to line shafts. Yet their replacement is often time-consuming and difficult, due to the need to remove adjacent equipment.

KEY BENEFITS:

- Dimensionally interchangeable with SNL/SN/SD and SAF series Plummer Blocks
- Easy section removal enables rapid visual inspection
- Allows for heat expansion whilst avoiding any additional stresses in the bearing
- Compensates for high degree of shaft misalignment
- New, more compact design
- Short lead times

| SRB Ref | SN/SD Ref | H | H2 | B | J x J1 | L x M | G | Shaft Size |
|---------|-----------|-----|-----|-----|-----------|-----------|----|------------|
| SN 01 | SN 508 | 60 | 135 | 84 | 170 | 205 x 60 | 12 | ø 35 |
| | SN 509 | | | | | | | ø 40 |
| SN 02 | SN 511 | 70 | 155 | 96 | 210 | 255 x 70 | 16 | ø 50 |
| SN 03 | SN 513 | 80 | 180 | 102 | 234 | 275 x 70 | 16 | ø 60 |
| SN 03A | SN 515 | | | | | 280 x 70 | | ø 65 |
| SN 04 | SN 516 | 95 | 208 | 112 | 260 | 315 x 90 | 20 | ø 70 |
| | SN 517 | | | | | | | ø 75 |
| SN 05 | SN 518 | 100 | 230 | | 290 | 345 x 100 | 20 | ø 80 |
| SN 05A | SN 519 | | | 134 | | | | ø 85 |
| SN 05B | SN 520 | 112 | 242 | | 320 | 380 x 110 | 24 | ø 90 |
| SN 06 | SN 522 | 125 | 265 | 132 | 350 | 410 x 120 | 24 | ø 100 |
| SN 07 | SN 524 | 140 | 300 | 140 | 350 | 410 x 120 | 24 | ø 110 |
| SN 07A | SN 526 | 150 | 310 | | 380 | 445 x 130 | | ø 115 |
| SN 08 | SN 528 | 150 | 354 | 154 | 420 | 500 x 150 | 30 | ø 125 |
| SN 09 | SN 530 | 160 | 369 | 166 | 450 | 530 x 160 | 30 | ø 135 |
| SN 09A | SN 532 | 170 | 379 | 166 | 470 | 550 x 160 | 30 | ø 140 |
| SD 10 | SD 3134 | 170 | 379 | 172 | 430 x 100 | 510 x 180 | 24 | ø 150 |
| SD 11 | SD 3136 | 180 | 396 | 172 | 450 x 110 | 530 x 190 | 24 | ø 160 |
| SD 12 | SD 3138 | 190 | 417 | 172 | 480 x 120 | 560 x 210 | 24 | ø 170 |
| SD 12A | SD 3140 | 210 | 437 | | 510 x 130 | 610 x 230 | 30 | ø 180 |
| SN 13 | SD 3144 | 220 | 457 | 172 | 540 x 140 | 640 x 240 | 30 | ø 200 |
| SD 14 | SD 3148 | 240 | 510 | 176 | 600 x 150 | 700 x 260 | 30 | ø 220 |
| SD 15 | SD 3152 | 260 | 545 | 188 | 650 x 160 | 770 x 280 | 36 | ø 240 |
| SD 16 | SD 3156 | 280 | 589 | | 670 x 160 | 790 x 280 | | ø 260 |
| SD 16A | SD 3160 | 300 | 609 | 204 | 710 x 190 | 830 x 310 | 36 | ø 280 |
| SD 17 | SD 3164 | 320 | 662 | 216 | 750 x 200 | 880 x 330 | 36 | ø 300 |

Specialist & Customised Products

SPLIT CYLINDRICAL ROLLER BEARINGS OFFER A COMPLETE DESIGN AND MANUFACTURING SERVICE FOR SPECIAL AND BESPOKE APPLICATIONS.

Examples include:

- Ball Mill Support Bearings,
- Water Cooled Continuous Casters,
- Industrial High Pressure Pump Bearings,
- Wire Strander Bearings,
- Rotary Biological Contactor Support Bearings,
- Special Seal Design Options.

Revolve are committed to providing a service that contributes to the optimisation of your plant efficiency by providing specialised bearing solutions in both split cylindrical roller bearings and RRP solid rolling element bearings.

Our approach of working closely with customers allows us to continuously refine and improve our products, production processes and service procedures.

CALL ON TIMKEN

For your nearest Timken sales representative, visit www.timken.com.

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets mechanical components, including bearings, gears, chain and related mechanical power transmission products and services.

Stronger. Commitment. Stronger. Value. Stronger. Worldwide. Stronger. Together. | Stronger. By Design.



SPLIT CYLINDRICAL ROLLER BEARING INNOVATIONS
from Timken® Revolve



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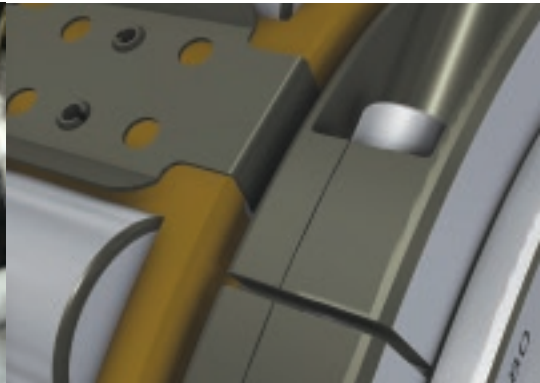
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Innovations in PERFORMANCE



Innovation in APPLICATION

Innovation in SERVICE

Split Cylindrical Roller Bearing: Taking the Initiative

Revolvo Split Cylindrical Roller Bearings have been designed and developed to maximise service life and minimise maintenance effort.

From concept to design, design to production and throughout the lifecycle of the product, no other split bearing manufacturer works so hard to exceed your expectations.

The complete range of Split Cylindrical Roller Bearings incorporate a number of innovative features that assist the user in terms of product performance and also the maintenance engineer with fitting and assembly benefits.

- Machined Brass Cage accommodates higher speed and temperatures as well as acceleration forces, whilst at the same time, reducing noise
- Robust Support Design includes double webs and thick sections of high grade cast iron to enhance product life through rigidity and strength
- Profiled Rolling Elements minimise damaging edge stress and accommodate minor dynamic misalignment
- Light, Medium and Heavy Series ensure an exact match of bearing performance to your specification
- Comprehensive Range of Supports to suit an extensive number of applications

Quick Inspection

Support caps & housing halves easily removed for quick visual inspection of bearing components during maintenance

Innovative Cage Clip

Clips retained on one cage half during assembly and disassembly

Machined Brass Cage

As standard - Enhanced ability to accommodate higher speeds and temperature

250 Grade Cast Iron

Conforms to BS EN1561:1997 for additional strength and durability

Profiled Rolling Elements

Minimises damaging edge stress for increasing bearing life and reliability

Why Choose Revolvo Split Bearings?

The benefits of a totally split to the shaft bearing are long established with savings in production and maintenance well documented. However, split cylindrical roller bearings are now being selected for a wide range of applications based on other benefits they provide including;

- High Radial Load and Speed Capability
- Initially Self Aligning
- Wide Range of Standard Supports
- Flexible Sealing Arrangements
- Interchangeability

MAINTENANCE FRIENDLY

- New Single Piece Cage Clip Design, offering not only accurate cage alignment but also offering the maintenance engineer a free hand whilst assembling
- Pry Slots on all dowelled machined joints for easy separation of the support
- Intuitive Assembly made easy



The Revolvo Service

PRODUCING PRODUCTS THAT PUSH THE BOUNDARIES OF PERFORMANCE IS ONLY THE BEGINNING.

Revolvo have long recognised that you not only need high performing bearings, but also the best logistical, technical and after sales support to truly make the difference to your business.

Immediate response and reaction to both industry trends and customer specific requirements enables Revolvo to assist from design concept, through to commissioning offering consultation, training, and on site support service.

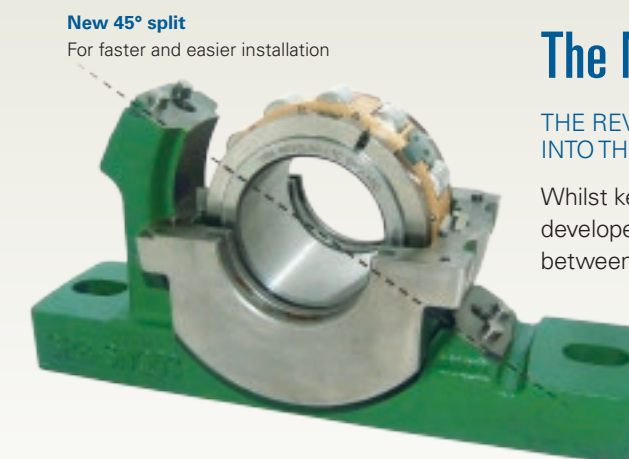
- Cellular Manufacturing provides flexibility for the production of both standard and specialised units
- Modular Stocking improves product availability and delivery times
- Dedicated CNC Plant improves process and quality control

The New SNO Range

THE REVOLVO SPLIT CYLINDRICAL ROLLER BEARING UNIT HAS EVOLVED INTO THE NEXT GENERATION, REDUCING DOWNTIME EVEN FURTHER.

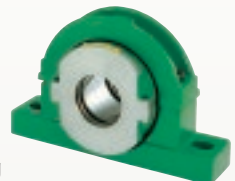
Whilst keeping the traditional bearing and housing construction, Revolvo has developed a cast iron support to allow mounting in locations where clearance between base to centre of the shaft is at a minimum.

This new design negates the need to increase the height of the shaft to allow clearance for the support whilst the integral strength of the cast iron remains uncompromised.



call +44 (0) 845 388 0061 or visit www.revolvo.com

Standard Support
with Complete
Housing & Bearing



Flange Support



Take Up Tension
Unit Complete
with Housing



Take Up Pull Unit



Hanger Unit

