



Schaeffler X-life™ Single-Row Angular Contact Ball Bearings

Schaeffler's X-life single-row angular contact ball bearings offer up to 30% higher dynamic load rating, as much as 50% longer rating life, and up to 10% less friction vs. conventional bearings. The payoff: You can now downsize to a smaller bearing to save space in your application, while maintaining the same load-carrying capacity and operating life as before! Alternatively, apply higher loads, but keep the same bearing size and rating life!

Only from Schaeffler.

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Schaeffler ACBBs with Available Double Lip Seals: Grease Stays In, Contaminants Stay Out!

Schaeffler's X-life single-row angular contact ball bearings are now available with lip seals on both sides, making them the perfect choice for dusty, contaminated or damp environments. Designated by the "2RS" suffix, these bearings are proven to reliably keep grease in and moisture & contaminants out.

PRODUCT FEATURES

- Lip seals available on both sides
- Superfinished raceway surfaces
- Optimized internal geometry
- Enhanced ball quality
- Manufactured to PN tolerance; P6 or P5 available upon request
- 40° contact angle
- Three available cage designs: polyamide, steel or brass

CUSTOMER BENEFITS

- Longer bearing operating life
- Greater reliability
- Higher power density
- Smaller design envelopes
- Perfect for low-noise applications
- Lower energy consumption
- Reduced heat generation
- Longer maintenance intervals
- Lower overall cost of ownership



72 03-B-XL-2RS-TVP-P5-UA

SERIES

718
719
70
72
73
74

BORE DIAMETER

00 10 mm
01 12 mm
02 15 mm
03 17 mm
04-96 Bore Reference x5 (mm)
/ 500 500 mm

INTERNAL BEARING DESIGN

Suffix	Series	Contact Angle
none	718	30°
none	719	30°
B	70	40°
B	72	40°
B	73	40°
B	74	40°

X-LIFE

standard
XL X-life

UNIVERSAL DESIGN FOR PAIRED MOUNTING

When paired (unmounted) in an "X" or "O" arrangement:

Suffix

UA Medium axial clearance
UB Small axial clearance
UO Zero axial clearance
UL Light preload
UM Medium preload
UH Heavy preload
UA22 Special axial clearance
none Paired mounting not possible

PRECISION CLASS

none Normal (PN)
P6 Better than normal (PN)
P5 Better than P6

CAGE DESIGN (ball guided)

TVP Glass fiber reinforced polyamide
MP Machined brass
JP Stamped steel

SEAL

none open bearing (ungreased)
2RS double lip seals (greased) with TVP cage

For more information:
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