

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!

SCHAEFFLER

Perfect for Pump & Compressor Applications: Schaeffler's New "UB" Axial Clearing Class ACBBs!

Schaeffler has expanded its family of FAG-brand angular contact ball bearings – yet again! – with the introduction of the new "UB" axial clearing class. Designed to close the gap between the standard "UA" and "UO" clearing classes, Schaeffler "UB" angular contact ball bearings are ideally suited for use in pumps and compressors.

AXIAL CLEARANCE* COMPARISON

Bore code	UA	UB	UO
00	22-30	14-22	0-8
01 to 03	24-32	15-23	0-8
04 to 04	28-36	16-24	0-8
05 to 06	34-42	19-27	0-8
07 to 08	40-48	22-30	0-8
09 to 10	44-52	24-32	0-8
11 to 11	46-54	25-33	0-8
12 to 13	46-58	25-37	0-12
14 to 16	50-62	27-39	0-12
17 to 20	54-66	31-43	0-12
21 to 24	58-70	34-46	0-12
26 to 32	60-72	34-46	0-12
34	70-82	40-52	0-12

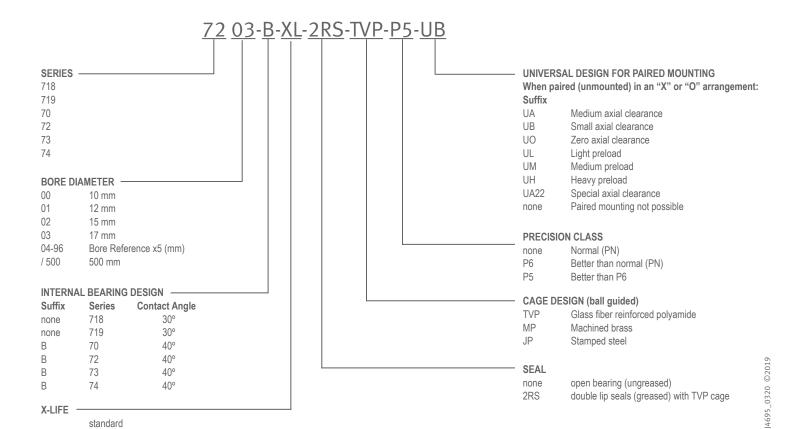
^{*}in microns

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



XL