



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

Now available with a hardened, black oxide-coated steel cage, Schaeffler's latest generation of double-row angular contact ball bearings help your pumps operate longer - even under the toughest conditions! Schaeffler-exclusive X-life™ features deliver increased load capacity (longer pump life), greater stiffness (less shaft deflection), superfinished raceway surfaces (less friction), and improved geometry (reduced vibration).

Bottom line: less downtime for your pumps and systems!

Only from Schaeffler.

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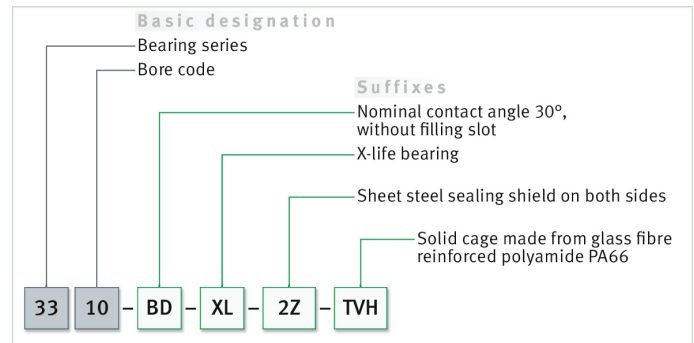
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PRODUCT FEATURES

- Innovative steel cage design
- 30° contact angle
- ISP P6 manufacturing tolerances
- Double-honed raceway surfaces
- Grade 10 ball quality
- Innovative HRS seal (axial contact to the inner ring)
- New z-type sealing shield
- Filled with grease on both sides
- Also available: optimized TVH polyamide cage

CUSTOMER BENEFITS

- Longer bearing operating life
- Lower overall cost of ownership
- High pump/system reliability
- Lower energy consumption
- Quieter operation than previous steel cage designs
- Higher operating speeds
- Maximum protection against contaminants
- Longer grease life
- Reduced axial run-outs
- Increased thrust load capabilities



DA-series: designed for the most demanding high-load, high-temperature applications!

- Split inner ring design.
- Larger (45°) contact angle – allows for extreme thrust loads.
- Fully machined cage, high-strength brass, centrifugally cast material.
- Higher bearing moment stiffness reduces shaft deflection.



Part Number Brass Cage	Dimensions (mm)			Basic Load Ratings	
	Bore	OD	Width	CR (N)	CoR (N)
3306-DA-MA	30	72	30.2	41500	34500
3307-DA-MA	35	80	34.9	50000	41000
3308-DA-MA	40	90	36.5	62000	52000
3309-DA-MA	45	100	39.7	71000	64000
3310-DA-MA	50	110	44.4	90000	84000
3311-DA-MA	55	120	49.2	105000	101000
3312-DA-MA	60	130	54	121000	118000
3313-DA-MA	65	140	58.7	139000	137000
3314-DA-MA	70	150	63.5	157000	157000
3316-DA-MA	80	170	68.3	192000	196000

