

SKF Double row angular contact ball bearing With sealing Series: 32

Angular contact ball bearings have raceways in the inner and outer rings that are displaced relative to each other in the direction of the bearing axis. This means that they are designed to accommodate combined loads, i.e. simultaneously acting radial and axial loads. The axial load carrying capacity of angular contact ball bearings increases with increasing contact angle. The contact angle is defined as the angle between the line joining the points of contact of the ball and the raceways in the radial plane, along which the load is transmitted from one raceway to another, and a line perpendicular to the bearing axis. Angular contact ball bearings are manufactured in a wide variety of designs and sizes. The most commonly used designs are:

- single row angular contact ball bearings
- double row angular contact ball bearings
- four-point contact ball bearings

Double row angular contact ball bearing

Double row angular contact ball bearings correspond in design to two single row angular contact ball bearings arranged back-to-back, but take up less axial space. They can accommodate radial loads as well as axial loads acting in both directions. They provide stiff bearing arrangements and are able to accommodate tilting moments. The bearings are available in a basic open and a sealed design. Basic design bearings of the 32 and 33 series have a 30° contact angle, have an optimized internal geometry to provide high radial and axial load carrying capacity and quiet operation. The bearings are also available capped with a contact seal or shield. Bearings capped on both sides are lubricated for life and are considered virtually maintenance free.

Characteristics

Series: 32

With sealing: Yes

Application

- Recommended in: Chemical

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Contact angle °	Cage	Article
3200 A-2RS1TN9/MT33	10	30	14	30	Plastic	32002RSTN9-SKF
3201 A-2RS1TN9/MT33	12	32	15.9	30	Plastic	32012RSTN9-SKF
3201 A-2ZTN9/MT33	12	32	15.9	30	Plastic	3201ZZTN9-SKF
3202 A-2RS1TN9/MT33	15	35	15.9	30	Plastic	32022RSTN9-SKF
3202 A-2ZTN9/MT33	15	35	15.9	30	Plastic	3202ZZTN9-SKF
3202-2RS	15	35	15.9	30	Steel	32022RS-SKF
3203 A-2RS1TN9/ C3MT33	17	40	17.5	30	Plastic	32032RSC3-SKF
3203 A-2RS1TN9/MT33	17	40	17.5	30	Plastic	32032RS-SKF
3203 A-2ZTN9/MT33	17	40	17.5	30	Plastic	3203ZZTN9-SKF
3204 A-2RS1TN9/MT33	20	47	20.6	30	Plastic	32042RSTN9-SKF
3204 A-2ZTN9/MT33	20	47	20.6	30	Plastic	3204ZZTN9-SKF
3204 A-2RS1/MT33	20	47	20.6	30	Steel	32042RS-SKF
3204 A-2Z/MT33	20	47	20.6	30	Steel	3204ZZ-SKF
3205 A-2RS1TN9/MT33	25	52	20.6	30	Plastic	32052RSTN9-SKF
3205 A-2RS1/MT33	25	52	20.6	30	Steel	32052RS-SKF
3205 A-2Z/C3MT33	25	52	20.6	30	Steel	3205ZZC3-SKF
3205 A-2Z	25	52	20.6	30	Steel	3205JZZ-SKF
3205 A-2Z/MT33	25	52	20.6	30	Steel	3205ZZ-SKF
3206 A-2RS1TN9/MT33	30	62	23.8	30	Plastic	32062RSTN9-SKF
3206 A-2RS1TN9/ C3MT33	30	62	23.8	30	Plastic	32062RSC3-SKF

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Contact angle °	Cage	Article
3206 A-2RS1/MT33	30	62	23.8	30	Steel	32062RS-SKF
3206 A-2Z/MT33	30	62	23.8	30	Steel	3206ZZ-SKF
3207 A-2RS1TN9/MT33	35	72	27	30	Plastic	32072RSTN9-SKF
3207 A-2ZTN9/MT33	35	72	27	30	Plastic	3207ZZTN9-SKF
3207 A-2Z/MT33	35	72	27	30	Steel	3207ZZ-SKF
3207 A-2RS1	35	72	27	30	Steel	3207J2RS-SKF
3207 A-2RS1/MT33	35	72	27	30	Steel	32072RS-SKF
3208 A-2ZTN9/MT33	40	80	30.2	30	Plastic	3208ZZTN9-SKF
3208 A-2RS1TN9/ C3MT33	40	80	30.2	30	Plastic	32082RSC3-SKF
3208 A-2RS1TN9/MT33	40	80	30.2	30	Plastic	32082RSTN9-SKF
3208 A-2RS1/MT33	40	80	30.2	30	Steel	32082RS-SKF
3208 A-2Z/MT33	40	80	30.2	30	Steel	3208ZZ-SKF
3209 A-2RS1TN9/MT33	45	85	30.2	30	Plastic	32092RSTN9-SKF
3209 A-2RS1/MT33	45	85	30.2	30	Steel	32092RS-SKF
3209 A-2Z/C3MT33	45	85	30.2	30	Steel	3209ZZC3-SKF
3210 A-2ZTN9/MT33	50	90	30.2	30	Plastic	3210ZZTN9-SKF
3210 A-2RS1TN9/ C3MT33	50	90	30.2	30	Plastic	32102RSTN9C3-SKF
3210 A-2RS1TN9/MT33	50	90	30.2	30	Plastic	32102RSTN9-SKF
3211 A-2RS1/MT33	55	100	33.3	30	Steel	32112RS-SKF
3212 A-2RS1TN9/MT33	60	110	36.5	30	Plastic	32122RSMT33-SKF
3212 A-2RS1/MT33	60	110	36.5	30	Steel	32122RS-SKF
3214 A-2Z/MT33	70	125	39.7	30	Steel	3214ZZ-SKF

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.