

SKF Single row angular contact ball bearing Series: 73

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

Single row angular contact ball bearings

Single row angular contact ball bearings can accommodate axial loads acting in one direction only. A single row bearing is typically adjusted against a second bearing. The bearings are non-separable and the bearing rings have one high and one low shoulder. The low shoulder enables a large number of balls to be incorporated in the bearing, giving it a relatively high load carrying capacity. The bearings are designed as standard with three contact angle indications. The most common versions have a contact angle of 40°. Larger bearings usually have contact angles of 25° or 30°.

Characteristics

Series: 73

With sealing: No

Application

- Recommended in: Chemical

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Contact angle °	Cage	Article
7303 BEP	17	47	14	40	Plastic	7303B-SKF
7304 BEP	20	52	15	40	Plastic	7304B-SKF
7305 BECBM	25	62	17	40	Brass	7305BECBM-SKF
7305 BECBP	25	62	17	40	Plastic	7305BG-SKF
7305 BEP	25	62	17	40	Plastic	7305B-SKF
7306 BECBM	30	72	19	40	Brass	7306BECBM-SKF
7306 BEGAP	30	72	19	40	Plastic	7306BEGAP-SKF
7306 BEP	30	72	19	40	Plastic	7306B-SKF
7306 BECBP	30	72	19	40	Plastic	7306BG-SKF
7307 BECBY	35	80	21	40	Brass	7307BECBY-SKF
7307 BECBM	35	80	21	40	Brass	7307BECBM-SKF
7307 BEGAP	35	80	21	40	Plastic	7307BEGAP-SKF
7307 BECBP	35	80	21	40	Plastic	7307BG-SKF
7307 BEP	35	80	21	40	Plastic	7307B-SKF
7308 BECBM	40	90	23	40	Brass	7308BECBM-SKF
7308 BECBP	40	90	23	40	Plastic	7308BG-SKF
7308 BEP	40	90	23	40	Plastic	7308B-SKF
7308 BECBJ	40	90	23	40	Steel	7308BECBJ-SKF
7309 BECBM	45	100	25	40	Brass	7309BECBM-SKF
7309 BECBP	45	100	25	40	Plastic	7309BG-SKF
7309 BEP	45	100	25	40	Plastic	7309B-SKF

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Contact angle °	Cage	Article
7309 BECBJ	45	100	25	40	Steel	7309BECBJ-SKF
7310 BECBM	50	110	27	40	Brass	7310BECBM-SKF
7310 BEP	50	110	27	40	Plastic	7310B-SKF
7310 BECBP	50	110	27	40	Plastic	7310BG-SKF
7310 BECBJ	50	110	27	40	Steel	7310BECBJ-SKF
7311 BECBM	55	120	29	40	Brass	7311BECBM-SKF
7311 BECBP	55	120	29	40	Plastic	7311BG-SKF
7311 BEP	55	120	29	40	Plastic	7311B-SKF
7311 BECBJ	55	120	29	40	Steel	7311BECBJ-SKF
7312 BECBM	60	130	31	40	Brass	7312BECBM-SKF
7312 BEGAM	60	130	31	40	Brass	7312BEGAM-SKF
7312 BECBP	60	130	31	40	Plastic	7312BG-SKF
7312 BEP	60	130	31	40	Plastic	7312B-SKF
7312 BECBJ	60	130	31	40	Steel	7312BECBJ-SKF
7313 BECBM	65	140	33	40	Brass	7313BECBM-SKF
7313 BECBP	65	140	33	40	Plastic	7313BG-SKF
7313 BEP	65	140	33	40	Plastic	7313B-SKF
7313 BECBJ	65	140	33	40	Steel	7313BECBJ-SKF
7313 BEGAF	65	140	33	40	Steel	7313BEGAF-SKF
7314 BECBM	70	150	35	40	Brass	7314BECBM-SKF
7314 BEP	70	150	35	40	Plastic	7314B-SKF
7314 BECBP	70	150	35	40	Plastic	7314BG-SKF
7314 BECBJ	70	150	35	40	Steel	7314BECBJ-SKF
7315 BECBM	75	160	37	40	Brass	7315BECBM-SKF
7315 BEGAP	75	160	37	40	Plastic	7315BEGAP-SKF
7315 BECBP	75	160	37	40	Plastic	7315BG-SKF
7315 BEP	75	160	37	40	Plastic	7315B-SKF
7315 BECBJ	75	160	37	40	Steel	7315BECBJ-SKF
7316 BECBM	80	170	39	40	Brass	7316BECBM-SKF
7316 BECBP	80	170	39	40	Plastic	7316BG-SKF
7316 BECBJ	80	170	39	40	Steel	7316BECBJ-SKF
7317 BECBM	85	180	41	40	Brass	7317BECBM-SKF
7317 BECBP	85	180	41	40	Plastic	7317BG-SKF
7317 BECBJ	85	180	41	40	Steel	7317BECBJ-SKF
7318 BECBM	90	190	43	40	Brass	7318BECBM-SKF
7318 BECBP	90	190	43	40	Plastic	7318BG-SKF
7318 BECBJ	90	190	43	40	Steel	7318BECBJ-SKF
7319 BECBM	95	200	45	40	Brass	7319BECBM-SKF
7319 BECBP	95	200	45	40	Plastic	7319BG-SKF
7320 BECBM	100	215	47	40	Brass	7320BECBM-SKF
7320 BEGAF	100	215	47	40	Steel	7320BEGAF-SKF
7322 BECBM	110	240	50	40	Brass	7322BECBM-SKF
7324 BCBM	120	260	55	40	Brass	7324BCBM-SKF
7326 BCBM	130	280	58	40	Brass	7326BCBM-SKF
7328 BCBM	140	300	62	40	Brass	7328BCBM-SKF

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