

SKF Single row angular contact ball bearing Series: 72

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: 72

With sealing: No

Application

- Recommended in: Chemical

Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7200 BEGAP	10	30	9	40	Plastic	13529859
7200 BECBP	10	30	9	40	Plastic	23759516
7200 BEP	10	30	9	40	Plastic	23759517
7201 BEGAP	12	32	10	40	Plastic	24002831
7201 BECBP	12	32	10	40	Plastic	23759520
7201 BEP	12	32	10	40	Plastic	23759521
7201 BEGBP	12	32	10	40	Plastic	24002832
7202 BEP	15	35	11	40	Plastic	23759525
7202 BEGBP	15	35	11	40	Plastic	24002844
7202 BEGAP	15	35	11	40	Plastic	24002843
7202 BECBP	15	35	11	40	Plastic	23759524
7203 ACCBM	17	40	12	25	Brass	13529861
7203 BECBM	17	40	12	40	Brass	24002849
7203 BEGAP	17	40	12	40	Plastic	24002850
7203 BEP	17	40	12	40	Plastic	23759531
7203 BECBPH	17	40	12	40	Plastic	13529862
7203 BECBP	17	40	12	40	Plastic	23759530
7204 ACCBM	20	47	14	25	Brass	13529863
7204 BECBM	20	47	14	40	Brass	23759537
7204 BECBY	20	47	14	40	Brass	24002858
7204 BEP	20	47	14	40	Plastic	23759540

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Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7204 BEGAP	20	47	14	40	Plastic	23759539
7204 BECBP	20	47	14	40	Plastic	23759538
7204 BECBPH	20	47	14	40	Plastic	13529864
7204 BEP/W64F	20	47	14	40	Plastic	13199358
7204 BEGBP	20	47	14	40	Plastic	24002859
7204 BECBJ	20	47	14	40	Steel	24002857
7205 ACCBM	25	52	15	25	Brass	13529865
7205 BEGBY	25	52	15	40	Brass	24002866
7205 BEY	25	52	15	40	Brass	24002867
7205 BEGAY	25	52	15	40	Brass	24002865
7205 BECBM	25	52	15	40	Brass	23759548
7205 BECBY	25	52	15	40	Brass	24002864
7205 BECBP	25	52	15	40	Plastic	23759549
7205 BEP	25	52	15	40	Plastic	23759551
7205 BEGAP	25	52	15	40	Plastic	23759550
7205 BECBPH	25	52	15	40	Plastic	13529866
7206 ACCBM	30	62	16	25	Brass	13529867
7206 BECBM	30	62	16	40	Brass	23759561
7206 BECBY	30	62	16	40	Brass	23759563
7206 BEGBY	30	62	16	40	Brass	12121256
7206 BEP	30	62	16	40	Plastic	23759565
7206 BEGBP	30	62	16	40	Plastic	24002871
7206 BECBP	30	62	16	40	Plastic	23759562
7206 BEGAP	30	62	16	40	Plastic	23759564
7206 BECAPH	30	62	16	40	Plastic	13529868
7206 BECBPH	30	62	16	40	Plastic	13529869
7207 ACCBM	35	72	17	25	Brass	13529870
7207 BECBM	35	72	17	40	Brass	23759572
7207 BEGBY	35	72	17	40	Brass	24002877
7207 BEGAM	35	72	17	40	Brass	13529872
7207 BECBY	35	72	17	40	Brass	23759574
7207 BEGAP	35	72	17	40	Plastic	24002874
7207 BEGBP	35	72	17	40	Plastic	24002876
7207 BEGAPH	35	72	17	40	Plastic	13529873
7207 BEP	35	72	17	40	Plastic	23759575
7207 BECBP	35	72	17	40	Plastic	23759573
7207 BEP/W64F	35	72	17	40	Plastic	13199366
7208 ACCBM	40	80	18	25	Brass	13529874
7208 BEGAY	40	80	18	40	Brass	24002882
7208 BEGBY	40	80	18	40	Brass	24002883
7208 BECBY	40	80	18	40	Brass	24002881
7208 BECBM	40	80	18	40	Brass	23759584
7208 BEGAP	40	80	18	40	Plastic	23759586
7208 BEP	40	80	18	40	Plastic	23759587
7208 BECBP/W64	40	80	18	40	Plastic	13199368
7208 BEP/W64	40	80	18	40	Plastic	13199369
7208 BECBP	40	80	18	40	Plastic	23759585
7208 BECBJ	40	80	18	40	Steel	23759583
7209 ACCBM	45	85	19	25	Brass	13529876
7209 BECBY	45	85	19	40	Brass	24002884
7209 BEGBY	45	85	19	40	Brass	13531113
7209 BECBM	45	85	19	40	Brass	23759597
7209 BECBM/W64	45	85	19	40	Brass	13199370

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Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7209 BEP	45	85	19	40	Plastic	23759600
7209 BECBP	45	85	19	40	Plastic	23759598
7209 BEGAPH	45	85	19	40	Plastic	12121257
7209 BEGAP	45	85	19	40	Plastic	23759599
7209 BECBJ	45	85	19	40	Steel	23759596
7210 ACCBM	50	90	20	25	Brass	13529877
7210 BECBY	50	90	20	40	Brass	24002889
7210 BECBM	50	90	20	40	Brass	23759608
7210 BEP	50	90	20	40	Plastic	23759611
7210 BECBPH	50	90	20	40	Plastic	13529879
7210 BEGAP	50	90	20	40	Plastic	23759610
7210 BECBP	50	90	20	40	Plastic	23759609
7210 BEGAP/P5	50	90	20	40	Plastic	13529880
7210 BEGBP	50	90	20	40	Plastic	24002890
7210 BEP/W64	50	90	20	40	Plastic	13199375
7210 BECBJ	50	90	20	40	Steel	23759607
7211 ACCBM	55	100	21	25	Brass	13529881
7211 BECBM	55	100	21	40	Brass	23759618
7211 BECBY	55	100	21	40	Brass	24002896
7211 BEGBY	55	100	21	40	Brass	24002897
7211 BEGAPH	55	100	21	40	Plastic	13529882
7211 BECBP	55	100	21	40	Plastic	23759619
7211 BEP	55	100	21	40	Plastic	23759621
7211 BEGAP	55	100	21	40	Plastic	23759620
7211 BECBJ	55	100	21	40	Steel	23759617
7212 ACCBM	60	110	22	25	Brass	13529883
7212 BECBM	60	110	22	40	Brass	23759630
7212 BEGAM	60	110	22	40	Brass	24002899
7212 BECCM	60	110	22	40	Brass	13381970
7212 BECBY	60	110	22	40	Brass	24002898
7212 BEGAP	60	110	22	40	Plastic	23759632
7212 BECBP	60	110	22	40	Plastic	23759631
7212 BEP	60	110	22	40	Plastic	23759633
7212 BEGBP	60	110	22	40	Plastic	13529884
7212 BECBJ	60	110	22	40	Steel	23759629
7213 ACCBM	65	120	23	25	Brass	13529885
7213 BEGAY	65	120	23	40	Brass	11614861
7213 BECBM	65	120	23	40	Brass	23759640
7213 BECBY	65	120	23	40	Brass	24002904
7213 BEM1	65	120	23	40	Brass	12121259
7213 BECBM/W64	65	120	23	40	Brass	13199378
7213 BEGAP	65	120	23	40	Plastic	23759642
7213 BEP	65	120	23	40	Plastic	23759643
7213 BECBP	65	120	23	40	Plastic	23759641
7213 BECBJ	65	120	23	40	Steel	23759639
7213 BEGAF	65	120	23	40	Steel	11614859
7214 ACCBM	70	125	24	25	Brass	13529886
7214 BEGAM	70	125	24	40	Brass	24002909
7214 BECBY	70	125	24	40	Brass	23759654
7214 BECBM	70	125	24	40	Brass	23759652
7214 BECBP	70	125	24	40	Plastic	23759653
7214 BEP	70	125	24	40	Plastic	23759656
7214 BEGAP	70	125	24	40	Plastic	24002910

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Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7214 BECBJ	70	125	24	40	Steel	23759651
7214 BEGAF	70	125	24	40	Steel	13529887
7215 BEGAM	75	130	25	40	Brass	13529888
7215 BECBM	75	130	25	40	Brass	23759664
7215 BEP	75	130	25	40	Plastic	23759666
7215 BECBP	75	130	25	40	Plastic	23759665
7215 BECBJ	75	130	25	40	Steel	23759663
7216 BECBY/W64	80	140	26	40	Brass	13199382
7216 BECBM	80	140	26	40	Brass	23759675
7216 BECCM	80	140	26	40	Brass	13529889
7216 BECBP	80	140	26	40	Plastic	23759676
7216 BEP	80	140	26	40	Plastic	23759677
7216 BEGAP	80	140	26	40	Plastic	12121260
7216 BECBJ	80	140	26	40	Steel	23759674
7216 BECBJ/W64	80	140	26	40	Steel	13199380
7216 BEGAF	80	140	26	40	Steel	13199383
7217 BECBM	85	150	28	40	Brass	23759685
7217 BECBP	85	150	28	40	Plastic	23759686
7217 BEP	85	150	28	40	Plastic	23759688
7217 BEGAP	85	150	28	40	Plastic	12121261
7217 BECBJ	85	150	28	40	Steel	23759684
7217 BEGAF	85	150	28	40	Steel	12660533
7218 BECBM	90	160	30	40	Brass	23759691
7218 BECBY	90	160	30	40	Brass	23759693
7218 BEGAY	90	160	30	40	Brass	13529891
7218 BECCM	90	160	30	40	Brass	13529890
7218 BEGAM	90	160	30	40	Brass	12121262
7218 BEP	90	160	30	40	Plastic	23759694
7218 BECBP	90	160	30	40	Plastic	23759692
7218 BEGAF	90	160	30	40	Steel	12707156
7218 BECBJ	90	160	30	40	Steel	23759690
7219 BECBM	95	170	32	40	Brass	23759698
7219 BECBP	95	170	32	40	Plastic	23759699
7219 BEP	95	170	32	40	Plastic	23759700
7219 BEGAP	95	170	32	40	Plastic	13529892
7220 BEGBY	100	180	34	40	Brass	13529896
7220 BEGAY	100	180	34	40	Brass	13529895
7220 BEGAM	100	180	34	40	Brass	13529893
7220 BECBM	100	180	34	40	Brass	23759703
7220 BECCM	100	180	34	40	Brass	23223614
7220 BEP	100	180	34	40	Plastic	23759705
7220 BECBP	100	180	34	40	Plastic	23759704
7220 BEGAP	100	180	34	40	Plastic	13529894
7221 BECBM	105	190	36	40	Brass	23759708
7221 BECBM/W64	105	190	36	40	Brass	13199388
7221 BECBP/W64F	105	190	36	40	Plastic	13199389
7221 BEP	105	190	36	40	Plastic	23759710
7221 BECBP	105	190	36	40	Plastic	23759709
7222 BECBM	110	200	38	40	Brass	23759713
7222 BEGAM	110	200	38	40	Brass	13529897
7222 BECCM	110	200	38	40	Brass	23222970
7222 BECBP	110	200	38	40	Plastic	23759714
7222 BEP	110	200	38	40	Plastic	23759716

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	mm	mm	mm	°		Max. 200 articles in the table
7222 BEGAF	110	200	38	40	Steel	12707157
7224 BCBM	120	215	40	40	Brass	23759717
7224 BM	120	215	40	40	Brass	23759718
7226 BCBM	130	230	40	40	Brass	23759723
7226 BM	130	230	40	40	Brass	23759724
7228 BCBM	140	250	42	40	Brass	23759725
7228 BGAM	140	250	42	40	Brass	13529898
7228 BM	140	250	42	40	Brass	12051896
7230 BCBM	150	270	45	40	Brass	23759726
7232 BCBM	160	290	48	40	Brass	23759727
7232 BGAM	160	290	48	40	Brass	13529899
7232 BCBM/W64	160	290	48	40	Brass	13199399
7234 BCBM	170	310	52	40	Brass	23759728
7236 BCBM	180	320	52	40	Brass	23759729
7236 BCAM	180	320	52	40	Brass	13529900
7236 BGAM	180	320	52	40	Brass	13529901
7238 BCBM	190	340	55	40	Brass	12174537
7240 BCBM	200	360	58	40	Brass	23759730
7244 BCBM	220	400	65	40	Brass	12121265

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