

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	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7301 BEGAP	12	37	12	40	Plastic	13529904
7301 BEP	12	37	12	40	Plastic	23759764
7302 BEGAP	15	42	13	40	Plastic	13529906
7302 BEP	15	42	13	40	Plastic	23759766
7302 BECBP	15	42	13	40	Plastic	23759765
7303 BEGAP	17	47	14	40	Plastic	23759768
7303 BEP	17	47	14	40	Plastic	23759769
7303 BECBP	17	47	14	40	Plastic	23759767
7304 ACCBM	20	52	15	25	Brass	13529907
7304 BECBM	20	52	15	40	Brass	23759771
7304 BECBY	20	52	15	40	Brass	24002945
7304 BEGBP	20	52	15	40	Plastic	12121266
7304 BECBP	20	52	15	40	Plastic	23759772
7304 BEGAP	20	52	15	40	Plastic	23759773
7304 BEP	20	52	15	40	Plastic	23759774
7305 ACCBM	25	62	17	25	Brass	13529908
7305 BECBM	25	62	17	40	Brass	23759775
7305 BECBY	25	62	17	40	Brass	24002946
7305 BEGBY	25	62	17	40	Brass	24002948
7305 BECBY/W64	25	62	17	40	Brass	13199407
7305 BECBP	25	62	17	40	Plastic	23759776

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Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7305 BEP	25	62	17	40	Plastic	23759777
7305 BEGBP/VT105	25	62	17	40	Plastic	12121269
7305 BEGBP	25	62	17	40	Plastic	12045521
7305 BEGAP	25	62	17	40	Plastic	24002947
7305 BEGAPH	25	62	17	40	Plastic	13529909
7306 ACCBM	30	72	19	25	Brass	13529910
7306 BEGBM	30	72	19	40	Brass	13529911
7306 BECBM	30	72	19	40	Brass	23759778
7306 BEGBY	30	72	19	40	Brass	24002952
7306 BEGAM	30	72	19	40	Brass	24002949
7306 BECBY	30	72	19	40	Brass	23759780
7306 BEGAP	30	72	19	40	Plastic	23759781
7306 BEGBP	30	72	19	40	Plastic	24002951
7306 BEP	30	72	19	40	Plastic	23759782
7306 BECBP	30	72	19	40	Plastic	23759779
7306 BEGAPH	30	72	19	40	Plastic	24002950
7306 BECBP/W64	30	72	19	40	Plastic	13199410
7307 ACCBM	35	80	21	25	Brass	13529912
7307 BECBY	35	80	21	40	Brass	23759785
7307 BECBM	35	80	21	40	Brass	23759783
7307 BEGAM	35	80	21	40	Brass	24002953
7307 BEGAPH	35	80	21	40	Plastic	24002954
7307 BEGBP	35	80	21	40	Plastic	24002955
7307 BEGAP	35	80	21	40	Plastic	23759786
7307 BECBP	35	80	21	40	Plastic	23759784
7307 BEP	35	80	21	40	Plastic	23759787
7308 ACCBM	40	90	23	25	Brass	13529913
7308 BEGBY	40	90	23	40	Brass	24002961
7308 BEGAM	40	90	23	40	Brass	24002957
7308 BEGBM	40	90	23	40	Brass	24002960
7308 BEM1	40	90	23	40	Brass	12121276
7308 BEM/VE095	40	90	23	40	Brass	12121275
7308 BECBM	40	90	23	40	Brass	23759789
7308 BECBY	40	90	23	40	Brass	24002956
7308 BEGAPH	40	90	23	40	Plastic	24002959
7308 BECBP	40	90	23	40	Plastic	23759790
7308 BEP	40	90	23	40	Plastic	23759792
7308 BEGBP	40	90	23	40	Plastic	23759791
7308 BEGAP	40	90	23	40	Plastic	24002958
7308 BECBJ	40	90	23	40	Steel	23759788
7309 ACCBM	45	100	25	25	Brass	13529914
7309 BEGBY	45	100	25	40	Brass	24002964
7309 BECBM	45	100	25	40	Brass	23759794
7309 BECBY	45	100	25	40	Brass	23759796
7309 BEGAM	45	100	25	40	Brass	13199416
7309 BEGCP/P5	45	100	25	40	Plastic	12121278
7309 BEGAPH	45	100	25	40	Plastic	24002962
7309 BEGAP	45	100	25	40	Plastic	23759797
7309 BEGBP	45	100	25	40	Plastic	24002963
7309 BECBP	45	100	25	40	Plastic	23759795
7309 BEP	45	100	25	40	Plastic	23759798
7309 BECBJ	45	100	25	40	Steel	23759793
7310 ACCBM	50	110	27	25	Brass	13529916

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Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7310 BECBM	50	110	27	40	Brass	23759800
7310 BEGBY	50	110	27	40	Brass	24002968
7310 BECBY	50	110	27	40	Brass	24002965
7310 BEGAM	50	110	27	40	Brass	23759803
7310 BEGAY	50	110	27	40	Brass	23759805
7310 BEM/VE095	50	110	27	40	Brass	12121281
7310 BECAM	50	110	27	40	Brass	12121279
7310 BEP/W64	50	110	27	40	Plastic	13199418
7310 BEGAPH	50	110	27	40	Plastic	24002966
7311 BEC86P	50	110	27	40	Plastic	23759807
7310 BEGAP	50	110	27	40	Plastic	23759804
7310 BEP	50	110	27	40	Plastic	23759806
7310 BECBP	50	110	27	40	Plastic	23759801
7310 BEGBP	50	110	27	40	Plastic	24002967
7310 BECBJ	50	110	27	40	Steel	23759799
7310 BEGAF	50	110	27	40	Steel	23759802
7310 BECBJ/WTVT300	50	110	27	40	Steel	12121280
7311 ACCBM	55	120	29	25	Brass	13529917
7311 BECCM	55	120	29	40	Brass	24002969
7311 BECBY	55	120	29	40	Brass	23759811
7311 BECBM	55	120	29	40	Brass	23759809
7311 BEGAY	55	120	29	40	Brass	24002972
7311 BEGBM	55	120	29	40	Brass	24002973
7311 BEGBY	55	120	29	40	Brass	24002975
7311 BEGAM	55	120	29	40	Brass	23759812
7311 BEGAP	55	120	29	40	Plastic	24002970
7311 BEGBP	55	120	29	40	Plastic	24002974
7311 BEGAPH	55	120	29	40	Plastic	24002971
7311 BECBP	55	120	29	40	Plastic	23759810
7311 BECBPH	55	120	29	40	Plastic	13529918
7311 BEP	55	120	29	40	Plastic	23759813
7311 BECBJ	55	120	29	40	Steel	23759808
7311 BECBJ/WTVT300	55	120	29	40	Steel	12121283
7312 ACCBM	60	130	31	25	Brass	13529919
7312 BECBM	60	130	31	40	Brass	23759815
7312 BEGAM	60	130	31	40	Brass	23759818
7312 BECCM	60	130	31	40	Brass	23759817
7312 BEGAY	60	130	31	40	Brass	24002978
7312 BECBY	60	130	31	40	Brass	24002976
7312 BEGBM	60	130	31	40	Brass	24002979
7312 BEGBY	60	130	31	40	Brass	24002981
7312 BEGAP	60	130	31	40	Plastic	24002977
7312 BECAP	60	130	31	40	Plastic	12121284
7312 BECBP/W64	60	130	31	40	Plastic	13199421
7312 BEGBP	60	130	31	40	Plastic	24002980
7312 BECBP	60	130	31	40	Plastic	23759816
7312 BEP	60	130	31	40	Plastic	23759819
7312 BEGAPH	60	130	31	40	Plastic	13529920
7312 BECBJ	60	130	31	40	Steel	23759814
7313 ACCBM	65	140	33	25	Brass	13529921
7313 BECCM	65	140	33	40	Brass	23759823
7313 BECBM	65	140	33	40	Brass	23759821
7313 BECBY	65	140	33	40	Brass	24002983

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Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7313 BEC86P	65	140	33	40	Plastic	12110638
7313 BECBP	65	140	33	40	Plastic	23759822
7313 BEP	65	140	33	40	Plastic	23759825
7313 BECBF	65	140	33	40	Steel	24002982
7313 BECBJ	65	140	33	40	Steel	23759820
7313 BEGAF	65	140	33	40	Steel	23759824
7314 ACCBM	70	150	35	25	Brass	13529922
7314 BECBY	70	150	35	40	Brass	23759829
7314 BECBM	70	150	35	40	Brass	23759827
7314 BEGAPH	70	150	35	40	Plastic	12121286
7314 BEP	70	150	35	40	Plastic	23759832
7314 BECBP	70	150	35	40	Plastic	23759828
7314 BECBPH	70	150	35	40	Plastic	13529923
7314 BEGAP	70	150	35	40	Plastic	23759831
7314 BEGAJ	70	150	35	40	Steel	23759830
7314 BECBJ	70	150	35	40	Steel	23759826
7315 BECCM	75	160	37	40		23223637
7315 BECBM	75	160	37	40	Brass	23759835
7315 BECBP	75	160	37	40	Plastic	23759836
7315 BEP	75	160	37	40	Plastic	23759838
7315 BEGAPH	75	160	37	40	Plastic	13529925
7315 BECBJ	75	160	37	40	Steel	23759834
7316 BECBM	80	170	39	40	Brass	23759840
7316 BEGAPH	80	170	39	40	Plastic	13529926
7316 BECBP	80	170	39	40	Plastic	23759841
7316 BEGAP	80	170	39	40	Plastic	23759842
7316 BEP	80	170	39	40	Plastic	23759844
7316 BECBP/W64	80	170	39	40	Plastic	13199429
7316 BECBJ/W64	80	170	39	40	Steel	13199427
7316 BECBJ	80	170	39	40	Steel	23759839
7317 BECBM	85	180	41	40	Brass	23759847
7317 BEP	85	180	41	40	Plastic	23759851
7317 BECBP	85	180	41	40	Plastic	23759848
7317 BEGAF	85	180	41	40	Steel	23759849
7317 BECBJ	85	180	41	40	Steel	23759846
7317 BECBF	85	180	41	40	Steel	23759845
7318 BECBM	90	190	43	40	Brass	23759853
7318 BEGAPH	90	190	43	40	Plastic	12121289
7318 BEP	90	190	43	40	Plastic	23759856
7318 BECBP	90	190	43	40	Plastic	23759854
7318 BECBJ	90	190	43	40	Steel	23759852
7319 BEM	95	200	45	40	Brass	23759859
7319 BECBM	95	200	45	40	Brass	23759857
7319 BEGAP	95	200	45	40	Plastic	12121290
7319 BECBP	95	200	45	40	Plastic	23759858
7319 BEGAPH	95	200	45	40	Plastic	11614992
7320 BECBM	100	215	47	40	Brass	23759860
7320 BEM	100	215	47	40	Brass	23759863
7320 BECBP	100	215	47	40	Plastic	23759861
7320 BEP	100	215	47	40	Plastic	23759864
7320 BEGAF	100	215	47	40	Steel	23759862
7321 BECBM	105	225	49	40	Brass	23759865
7321 BEP	105	225	49	40	Plastic	23759867

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Manufacturer ID	Inner diameter	Outer diameter	Width	Contact angle	Cage	Article
	mm	mm	mm	°		Max. 200 articles in the table
7321 BECBP	105	225	49	40	Plastic	23759866
7322 BECBY	110	240	50	40	Brass	23759870
7322 BEM	110	240	50	40	Brass	23759871
7322 BECBM	110	240	50	40	Brass	23759868
7322 BECBP	110	240	50	40	Plastic	23759869
7322 BEP	110	240	50	40	Plastic	23759872
7324 BCBM	120	260	55	40	Brass	23759873
7324 BGAM	120	260	55	40	Brass	13529927
7326 BGAM	130	280	58	40	Brass	13529928
7326 BCBM	130	280	58	40	Brass	23759874
7326 BM	130	280	58	40	Brass	23759875
7328 BCBM	140	300	62	40	Brass	23759876
7328 BGAM	140	300	62	40	Brass	13529929
7330 BGAM	150	320	65	40	Brass	13529930
7330 BCBM	150	320	65	40	Brass	23759877
7332 BCBM	160	340	68	40	Brass	12121291
7334 BCBM	170	360	72	40	Brass	23759878
7336 BCBM	180	380	75	40	Brass	23759879
7340 BCBM	200	420	80	40	Brass	11615010

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