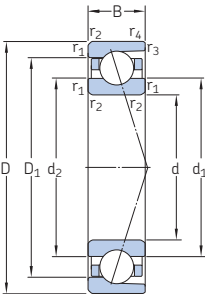
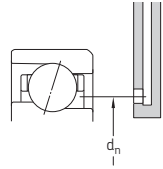
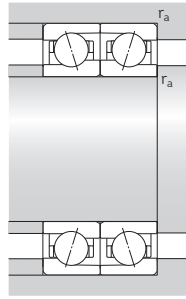
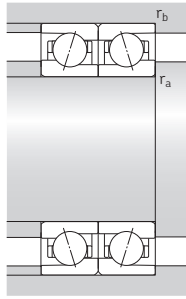
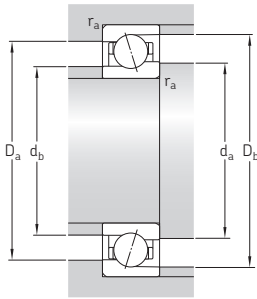


2.1 Angular contact ball bearings
d 320 – 360 mm



Principal dimensions			Basic load ratings		Fatigue load limit	Attainable speeds		Mass	Designation	Available variants	
d	D	B	dynamic C	static C ₀	P _u	Grease lubrication	Oil-air lubrication			Sealing solution	Direct oil-air lubrication
mm			kN		kN	r/min		kg	–	–	
320	440	56	351	585	12,9	2 200	3 400	24	71964 ACDMA/P4A	–	–
	440	56	351	585	12,9	2 600	4 000	20,5	71964 ACDMA/HCP4A	–	–
	440	56	377	620	13,7	2 600	4 300	24	71964 CDMA/P4A	–	–
	440	56	377	620	13,7	3 600	5 000	20,5	71964 CDMA/HCP4A	–	–
340	460	56	364	640	13,4	2 000	3 200	25,5	71968 ACDMA/P4A	–	–
	460	56	364	640	13,4	2 400	3 800	21,5	71968 ACDMA/HCP4A	–	–
	460	56	390	670	14,3	2 400	4 000	25,5	71968 CDMA/P4A	–	–
	460	56	390	670	14,3	3 400	4 800	21,5	71968 CDMA/HCP4A	–	–
360	480	56	371	670	13,7	1 900	3 000	26,5	71972 ACDMA/P4A	–	–
	480	56	371	670	13,7	2 200	3 600	22,5	71972 ACDMA/HCP4A	–	–
	480	56	397	710	14,6	2 400	4 000	26,5	71972 CDMA/P4A	–	–
	480	56	397	710	14,6	3 400	4 800	22,5	71972 CDMA/HCP4A	–	–



Dimensions					Abutment and fillet dimensions									Reference grease quantity ¹⁾	Calculation factor
d	d ₁	d ₂	D ₁	D ₂	r _{1,2} min.	r _{3,4} min.	d _a min.	d _b min.	D _a max.	D _b max.	r _a max.	r _b max.	d _n	G _{ref}	f ₀
mm														cm ³	–
320	357	357	403	–	3	1,1	333	333	425	434	2,5	1	367	282	–
	357	357	403	–	3	1,1	333	333	425	434	2,5	1	367	282	–
	357	357	403	–	3	1,1	333	333	425	434	2,5	1	367	282	16,5
	357	357	403	–	3	1,1	333	333	425	434	2,5	1	367	282	16,5
340	377	377	423	–	3	1,1	353	353	445	454	2,5	1	387	294	–
	377	377	423	–	3	1,1	353	353	445	454	2,5	1	387	294	–
	377	377	423	–	3	1,1	353	353	445	454	2,5	1	387	294	16,6
	377	377	423	–	3	1,1	353	353	445	454	2,5	1	387	294	16,6
360	397	397	443	–	3	1,1	373	373	465	474	2,5	1	407	313	–
	397	397	443	–	3	1,1	373	373	465	474	2,5	1	407	313	–
	397	397	443	–	3	1,1	373	373	465	474	2,5	1	407	313	16,7
	397	397	443	–	3	1,1	373	373	465	474	2,5	1	407	313	16,7

¹⁾ For calculating the initial grease fill → page 261