



Shaanxi Gainhui Heavy Industries Co., Ltd.
Bearing Manufacturer And Supplier In China

BECAUSE WE ARE FOCUSED WE ARE PROFESSIONAL

We are committed to providing competitive bearing products and OEM services to global customers.



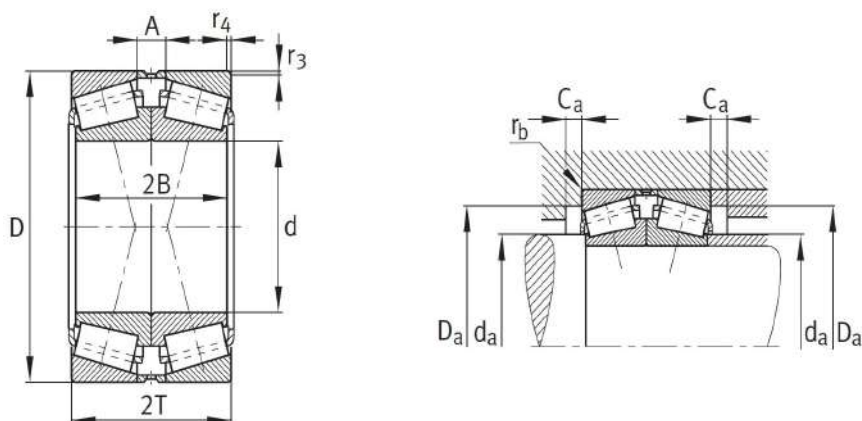
Matched Tapered Roller Bearings



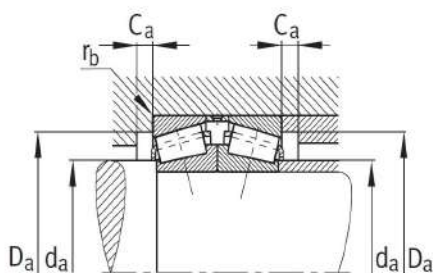
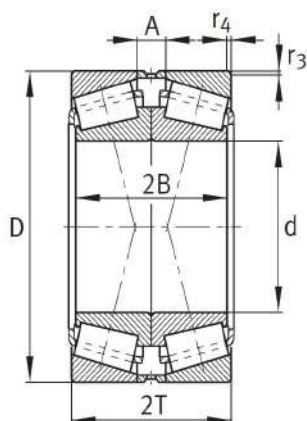
Bearing Series:

**313..-N11CA series, 320..-N11CA series,
322..-N11CA series, 329..-N11CA series**





Bearing designation	Dimensions (mm)											Basic dynamic load rating	Basic static load rating	Computing coefficients				Fatigue load limit	Limiting speed	Reference speed	Mass
	d	D	2B	2T	r3, r4	A	da	Da	Da	Ca	rb	C _r	C _{or}	e	Y1	Y2	Y0	Cur	nG	nB	m
					min.		max.	min.	max.	min.	max.	N	N					N	min-1	min-1	≈kg
31306-A-N11CA-A50-90	30	72	38	41.5	1.5	13.5	40	55	65	3	1.5	77 000	93 000	0.83	0.82	1.22	0.8	10 600	9 800	5 200	0.85
31307-A-N11CA-A40-70	35	80	42	45.5	1.5	15.5	44	62	71	4	1.5	103 000	128 000	0.83	0.82	1.22	0.8	14 900	8 800	4 600	1.13
31308-A-N11CA-A50-90	40	90	46	50.5	1.5	16.5	51	71	81	4	1.5	130 000	165 000	0.83	0.82	1.22	0.8	18 900	7 400	4 150	1.52
31309-A-N11CA-A60-100	45	100	50	54.5	1.5	18.5	56	79	91	4	1.5	165 000	217 000	0.83	0.82	1.22	0.8	25 500	6 700	3 750	2.1
31310-A-N11CA-A60-100	50	110	54	58.5	2	20.5	62	87	100	4	2	189 000	250 000	0.83	0.82	1.22	0.8	29 500	6 300	3 450	2.9
31311-A-N11CA-A80-120	55	120	58	63	2	21	68	94	110	4	2	210 000	275 000	0.83	0.82	1.22	0.8	32 500	5 600	3 250	3.4
31312-A-N11CA-A80-120	60	130	62	67	2.5	23	73	103	118	5	2.5	250 000	335 000	0.83	0.82	1.22	0.8	40 000	5 300	3 000	4.2
31313-A-N11CA-A80-120	65	140	66	72	2.5	26	79	111	128	5	2.5	280 000	375 000	0.83	0.82	1.22	0.8	44 500	5 000	2 900	5.05
31314-A-N11CA-A100-140	70	150	70	76	2.5	26	84	118	138	5	2.5	320 000	435 000	0.83	0.82	1.22	0.8	52 000	4 750	3 200	6.2
31315-N11CA-A100-140	75	160	74	80	2.5	28	91	127	148	6	2.5	350 000	475 000	0.83	0.82	1.22	0.8	55 000	4 500	2 600	7.2
32016-X-N11CA-A150-200	80	125	58	58	2	14	89	112	117	6	2	235 000	420 000	0.42	1.6	2.38	1.56	52 000	5 000	2 800	2.58
31316-N11CA-A100-140	80	170	78	85	2.5	31	97	134	158	6	2.5	390 000	540 000	0.83	0.82	1.22	0.8	61 000	4 500	2 470	8.9
31317-N11CA-A120-160	85	180	82	89	3	33	103	143	166	6	3	435 000	600 000	0.83	0.82	1.22	0.8	68 000	4 200	2 360	10.4
31318-N11CA-A120-160	90	190	86	93	3	33	109	151	176	6	3	470 000	650 000	0.83	0.82	1.22	0.8	71 000	3 900	2 270	11.8
31318-N11CA-A160-200	90	190	86	93	3	33	109	151	176	6	3	470 000	650 000	0.83	0.82	1.22	0.8	71 000	3 900	2 270	11.8
31319-A-N11CA-A120-160	95	200	90	99	3	35	114	157	186	6	3	520 000	740 000	0.83	0.82	1.22	0.8	79 000	3 650	2 180	14
32020-X-N11CA-A200-230	100	150	64	64	1.5	16	109	134	141	6	1.5	295 000	570 000	0.46	1.47	2.19	1.44	67 000	4 500	2 300	4
31320-A-N11CA-A120-160	100	215	102	113	3	43	121	168	201	7	3	660 000	960 000	0.83	0.82	1.22	0.8	102 000	3 100	2 040	19
32222-A-N11CA-A50-280	110	200	106	112	2.5	20	126	170	188	5	2.5	710 000	1180000	0.42	1.61	2.39	1.57	133 000	3 350	1 910	14.9
31322-X-N11CA-A140-180	110	240	114	126	3	50	135	188	226	7	3	790 000	1170000	0.83	0.82	1.22	0.8	141 000	2 800	1 790	26.2
32224-A-N11CA-A230-280	120	215	116	123	2.5	23	136	181	203	7	2.5	830 000	1450000	0.44	1.55	2.31	1.52	162 000	3 100	1 700	19.1
31324-X-N11CA-A140-180	120	260	124	136	3	52	145	203	246	9	3	930 000	1400000	0.83	0.82	1.22	0.8	165 000	2 500	1 610	33.7
32026-X-N11CA-A200-250	130	200	90	90	2	22	144	178	190	8	2	560 000	1100000	0.43	1.55	2.31	1.52	122 000	3 100	1 870	10.3
31326-X-N11CA-A160-200	130	280	132	144	4	56	157	218	262	9	4	1050 000	1590000	0.83	0.82	1.22	0.8	184 000	2 380	1 460	40.9
32228-A-N11CA-A250-300	140	250	136	143.5	3	27.5	159	210	236	8	3	1100000	1980 000	0.44	1.55	2.31	1.52	241 000	2500	1 390	29.5
31328-X-N11CA-A160-200	140	300	140	154	4	60	165	242	282	14	4	1200000	1810 000	0.83	0.82	1.22	0.8	204 000	2380	1 340	45.6
32030-X-N11CA-A280-330	150	225	96	96	2.5	24	164	200	213	8	2.5	660 000	1350 000	0.46	1.47	2.19	1.44	167 000	2650	1 580	13.1
31330-X-N11CA-A180-230	150	320	150	164	4	64	177	260	302	14	4	1360000	2090 000	0.83	0.82	1.22	0.8	230 000	2240	1 220	57.7
32234-A-N11CA-A300-380	170	310	172	182	4	40	196	259	292	10	4	1680000	3100 000	0.44	1.55	2.31	1.52	360 000	2240	1 050	59.4
32038-X-N11CA-A350-400	190	290	128	128	2.5	32	209	257	278	10	2.5	1080000	2250 000	0.44	1.53	2.27	1.49	260 000	2240	1 160	29.6
32040-X-N11CA-A350-400	200	310	140	140	2.5	34	221	273	298	11	2.5	1300000	2750 000	0.43	1.57	2.34	1.53	310 000	2100	1 030	39.1
32944-N11CA-A420-470	220	300	102	102	2.5	24	235	275	288	10	2.5	850 000	1960 000	0.43	1.59	2.36	1.55	221 000	2100	1 020	20.3
32244-A-N11CA-A400-450	220	400	216	228	4	48	258	336	382	12	4	2650000	5100 000	0.44	1.55	2.31	1.52	540 000	1540	730	123



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	d	D	2B	2T	r3, r4	A	da	Da	Da	Ca	rb	C_r	C_{or}	e	Y1	Y2	Y0	Cur	nG	nB	m
					min.		max.	min.	max.	min.	max.	N	N					N	min-1	min-1	≈kg
32048-X-N11CA-A450-500	240	360	228	152	3	38	261	318	346	12	3	1540000	3350 000	0.46	1.47	2.19	1.44	360 000	1680	850	58.3
32960-N11CA-A650-700	300	420	152	152	3	38	324	383	406	12	3	1760000	4300 000	0.39	1.71	2.54	1.67	440 000	1330	660	63.6
32964-N11CA-A600-650	320	440	152	152	3	38	344	402	426	12	3	1810000	4550 000	0.42	1.62	2.42	1.59	460 000	1260	360	67.2
32968-N11CA-A550-600	340	460	152	152	3	38	361	421	446	12	3	1850000	4750 000	0.44	1.54	2.3	1.51	475 000	1260	550	73.1



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We are committed to providing competitive bearing products and OEM services to global customers.



Founded in 2009, Shaanxi Gainhui Heavy Industries Co., Ltd. covers an area of 16,000 square meters, which is a professional bearing manufacturer and distributor in China. The company is committed to the design, manufacture and service of precision bearings, focusing on providing customers with reliable bearing products and cost-effective technical solutions.

The company adopts advanced production equipment and testing equipment, is equipped with a professional quality testing department, formulates a complete quality management system, and specializes in the production of high-precision, low-noise, and long-life bearings. Shaanxi Gainhui Heavy Industries Co., Ltd. insists on quality as the core, innovation as the driving force, promotes development through service, and sincerely provides services to customers all over the world.



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