



Subject	Symbol	Description
Other technical modifications	B	ISO bearing with same boundary dimensions as basic part number, but with different internal geometry, steeper included cup angle
	X	Boundary dimensions altered to conform to ISO standards
Tolerances	P0	Normal tolerance level. Is not indicated as a standard
	P6	Greater tolerance level than P0
	P5	Greater tolerance level than P6

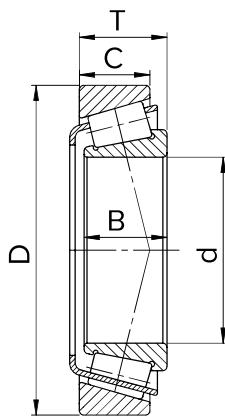
Features

CRAFT specializes in producing single row metric series tapered roller bearings. Designations are used according to widely accepted standards and relates to ISO 355 rules for contact angles and boundary dimensions. Unless otherwise specified, bearings dimensional accuracy is normal, however, improved running accuracy is available.

These bearings consist of four main components: cup, cone, cage and rollers. The components are conically shaped thus providing ability to accommodate one direction axial and radial loads, while cage separates and holds the rollers. Different contact angles are available in order to provide better load or speed characteristics. During operation under normal conditions with minimum radial load ensured, bearing itself generates axial load from internal contact angle of the bearing.

Cages

Tapered roller bearings have window-type pressed steel cage with no marking. Others types might be specifically designed on request.



ISO	GOST	Dimensions (mm)					Basic Load Ratings (N)		Limiting speed (r/min)		Weight (kg)
									Lubrication		
		d	D	B	T	C	Dyn. C	Stat. C ₀	Grease	Oil	
30202	7202	15	35	11	11,75	10	12500	11800	15000	20000	0,057
30203	7203	17	40	12	13,25	11	19000	18600	9000	13000	0,075
30204	7204	20	47	14	15,25	12	27500	28000	8000	11000	0,120
30205	7205	25	52	15	16,25	13	30800	33500	7500	10000	0,150
30206	7206	30	62	16	17,25	14	40200	44000	6300	8500	0,230
30207	7207	35	72	17	18,25	15	51200	56000	5300	7000	0,320
30208	7208	40	80	18	19,75	16	61600	68000	4800	6300	0,420
30209	7209	45	85	19	20,75	16	66000	76500	4500	6000	0,480
30210	7210	50	90	20	21,75	17	76500	91500	4300	5600	0,540
30211	7211	55	100	21	22,75	18	89700	106000	3800	5000	0,700
30212	7212	60	110	22	23,75	19	99000	114000	3400	4500	0,880
30213	7213	65	120	23	24,75	20	114000	134000	3000	4000	1,150
30214	7214	70	125	24	26,25	21	125000	156000	3000	4000	1,250
30215	7215	75	130	25	27,25	22	140000	176000	2800	3800	1,400
30216	7216	80	140	26	28,25	22	151000	183000	2400	3400	1,600
30217	7217	85	150	28	30,50	24	176000	220000	2200	3200	2,050
30218	7218	90	160	30	32,5	26	194000	245000	2000	3000	2,550
30219	7219	95	170	32	34,5	27	216000	275000	1900	2800	3,000
30220	7220	100	180	34	37	29	246000	320000	1900	2800	3,650
30221	7221	105	190	36	39	30	270000	355000	1800	2600	4,250
30222	7222	110	200	38	41	32	308000	405000	1700	2400	5,100
30224	7224	120	215	40	43,5	34	341000	465000	1600	2200	6,150
30226	7226	130	230	40	43,75	34	369000	490000	1500	2000	7,600
30228	7228	140	250	42	45,75	36	418000	570000	1400	1900	8,650
30230	7230	150	270	45	49	38	429000	590000	1300	1800	11,00
30232	7232	160	290	48	52	40	528000	735000	1100	1600	13,00
30234	7234	170	310	52	57	43	590000	810000	1000	1500	19,00
30236	7236	180	320	52	57	43	610000	850000	1000	1500	20,00
30238	7238	190	340	55	60	46	721000	1000000	950	1400	24,00
30240	7240	200	360	58	64	48	792000	1120000	900	1300	25,00
30302	7302	15	42	13	14,25	11	22400	20000	9000	13000	0,095
30303	7303	17	47	14	15,25	12	28100	25000	8500	12000	0,130
30304	7304	20	52	15	16,25	13	34100	32500	8000	11000	0,170
30305	7305	25	62	17	18,25	15	44600	43000	6700	9000	0,260
30306	7306	30	72	19	20,75	16	56100	56000	5600	7500	0,390
30307	7307	35	80	21	22,75	18	72100	73500	5000	6700	0,520
30308	7308	40	90	23	25,25	20	85800	95000	4500	6000	0,720
30309	7309	45	100	25	27,25	22	108000	120000	4000	5300	0,970
30310	7310	50	110	27	29,25	23	125000	140000	3600	4800	1,250
30311	7311	55	120	29	31,5	25	142000	163000	3200	4300	1,550
30312	7312	60	130	31	33,5	26	168000	196000	3000	4000	1,950
30313	7313	65	140	33	36	28	194000	228000	2600	3600	2,400
30314	7314	70	150	35	38	30	220000	260000	2400	3400	2,900
30315	7315	75	160	37	40	31	246000	290000	2200	3200	3,450
30316	7316	80	170	39	42,5	33	270000	320000	2000	3000	4,100
30317	7317	85	180	41	44,5	34	303000	365000	1900	2800	4,850

ISO	GOST	Dimensions (mm)					Basic Load Ratings (N)		Limiting speed (r/min)		Weight (kg)
									Lubrication		
		d	D	B	T	C	Dyn. C	Stat. C ₀	Grease	Oil	
30318	7318	90	190	43	46,5	36	330000	400000	1800	2600	5,650
30319	7319	95	200	45	49,5	38	360000	440000	1800	2600	6,700
30320	7320	100	215	47	51,5	39	402000	490000	1700	2400	8,050
30321	7321	105	225	49	53,5	41	429000	530000	1600	2200	9,150
30322	7322	110	240	50	54,5	42	473000	585000	1550	2100	11,00
30324	7324	120	260	55	59,5	46	561000	710000	1500	2000	14,00
30326	7326	130	280	58	63,75	49	639000	864000	1300	1800	17,10
30328	7328	140	300	62	67,75	53	721000	985000	1200	1700	21,70
30330	7330	150	320	65	72	55	825000	1060000	1100	1600	28,50
30332	7332	160	340	68	75	58	913000	1180000	1100	1600	29,00
30334	7334	170	360	72	80	62	1020000	1340000	950	1400	35,00
31305	27305	25	62	17	18,25	13	38000	40000	5600	7500	0,260
31306	27306	30	72	19	20,75	14	47300	50000	5000	6700	0,390
31307	27307	35	80	21	22,75	15	61600	67000	4500	6000	0,520
31308	27308	40	90	23	25,25	17	73700	81500	4000	5300	0,720
31309	27309	45	100	25	27,25	18	91300	102000	3400	4500	0,950
31310	27310	50	110	27	29,25	19	106000	120000	3200	4300	1,200
31311	27311	55	120	29	31,5	21	121000	137000	2800	3800	1,550
31312	27312	60	130	31	33,5	22	145000	166000	2600	3600	1,900
31313	27313	65	140	33	36	23	165000	193000	2200	3200	2,350
31314	27314	70	150	35	38	25	187000	220000	2000	3000	2,950
31315	27315	75	160	37	40	26	209000	245000	1900	2800	3,500
31316	27316	80	170	39	42,5	27	224000	265000	1900	2800	4,050
31317	27317	85	180	41	44,5	28	242000	285000	1800	2600	4,600
31318	27318	90	190	43	46,5	30	264000	315000	1700	2400	5,900
31319	27319	95	200	45	49,5	32	292000	355000	1700	2400	6,950
31320	27320	100	215	51	56,5	35	374000	465000	1600	2200	8,600
31321	27321	105	225	53	58	36	402000	500000	1500	2000	9,650
31322	27322	110	240	57	63	38	457000	585000	1400	1900	12,00
31324	27324	120	260	62	68	42	539000	695000	1200	1700	15,50
31326	27326	130	280	66	72	44	605000	780000	1100	1600	18,50
31328	27328	140	300	70	77	47	693000	900000	1000	1500	24,50
31330	27330	150	320	75	82	50	781000	1020000	950	1400	29,50
32004	2007104	20	42	15	15	12	24200	27000	8500	12000	0,097
32005	2007105	25	47	15	15	11,5	27000	32500	8000	11000	0,110
32006	2007106	30	55	17	17	13	35800	44000	6700	9000	0,170
32007	2007107	35	62	18	18	14	42900	54000	6000	8000	0,220
32008	2007108	40	68	19	19	14,5	52800	71000	5300	7000	0,270
32009	2007109	45	75	20	20	15,5	58300	80000	4800	6300	0,340
32010	2007110	50	80	20	20	15,5	60500	88000	4500	6000	0,370
32011	2007111	55	90	23	23	17,5	80900	116000	4000	5300	0,550
32012	2007112	60	95	23	23	17,5	82500	122000	3800	5000	0,590
32013	2007113	65	100	23	23	17,5	84200	127000	3400	4500	0,630
32014	2007114	70	110	25	25	19	101000	153000	3200	4300	0,840
32015	2007115	75	115	25	25	19	106000	163000	3000	4000	0,900
32016	2007116	80	125	29	29	22	138000	216000	2600	3600	1,300
32017	2007117	85	130	29	29	22	140000	224000	2400	3400	1,350
32018	2007118	90	140	32	32	24	168000	270000	2200	3200	1,750
32019	2007119	95	145	32	32	24	170000	275000	2200	3200	1,800
32020	2007120	100	150	32	32	24	172000	280000	2000	3000	1,900
32021	2007121	105	160	35	35	26	201000	335000	1900	2800	2,400
32022	2007122	110	170	38	38	29	233000	390000	1800	2600	3,050
32024	2007124	120	180	38	38	29	242000	415000	1700	2400	3,250
32026	2007126	130	200	45	45	34	314000	540000	1600	2200	4,950
32028	2007128	140	210	45	45	34	330000	585000	1600	2200	5,250
32030	2007130	150	225	48	48	36	369000	655000	1500	2000	6,350
32032	2007132	160	240	51	51	38	429000	780000	1300	1800	7,750
32034	2007134	170	260	57	57	43	512000	915000	1200	1700	10,50

ISO	GOST	Dimensions (mm)					Basic Load Ratings (N)		Limiting speed (r/min)		Weight (kg)
									Lubrication		
		d	D	B	T	C	Dyn. C	Stat. C ₀	Grease	Oil	
32036	2007136	180	280	64	64	48	644000	1160000	1100	1600	14,50
32038	2007138	190	290	64	64	48	660000	1200000	1000	1500	15,00
32040	2007140	200	310	70	70	53	748000	1370000	950	1400	19,50
32044	2007144	220	340	76	76	57	897000	1660000	900	1300	25,50
32048	2007148	240	360	76	76	57	935000	1800000	850	1200	27,50
32052	2007152	260	400	87	87	65	1120000	2170000	670	850	38,00
32056	2007156	280	420	87	87	65	1190000	2290000	600	750	40,20
32060	2007160	300	460	100	100	74	1520000	2940000	560	700	57,50
32064	2007164	320	480	100	100	74	1540000	3000000	530	670	60,60
32203	7503	17	40	16	17,25	14	29000	29500	10000	13000	0,102
32204	7504	20	47	18	19,25	15	33100	34700	8000	11000	0,161
32205	7505	25	52	18	19,25	15	35800	44000	7000	9500	0,190
32206	7506	30	62	20	21,25	17	50100	57000	6300	8500	0,280
32207	7507	35	72	23	24,25	19	66000	78000	5300	7000	0,430
32208	7508	40	80	23	24,75	19	74800	86500	4800	6300	0,530
32209	7509	45	85	23	24,75	19	80900	98000	4500	6000	0,580
32210	7510	50	90	23	24,75	19	82500	100000	4300	5600	0,610
32211	7511	55	100	25	26,75	21	106000	129000	3800	5000	0,830
32212	7512	60	110	28	29,75	24	125000	160000	3400	4500	1,150
32213	7513	65	120	31	32,75	27	151000	193000	3000	4000	1,500
32214	7514	70	125	31	33,25	27	157000	208000	2800	3800	1,600
32215	7515	75	130	31	33,25	27	161000	212000	2600	3600	1,700
32216	7516	80	140	33	35,25	28	187000	245000	2400	3400	2,050
32217	7517	85	150	36	38,5	30	212000	285000	2200	3200	2,600
32218	7518	90	160	40	42,5	34	251000	340000	2000	3000	3,350
32219	7519	95	170	43	45,5	37	281000	390000	1900	2800	4,050
32220	7520	100	180	46	49	39	319000	440000	1800	2600	4,900
32221	7521	105	190	50	53	43	358000	510000	1800	2600	6,000
32222	7522	110	200	53	56	46	402000	570000	1700	2400	7,100
32224	7524	120	215	58	61,5	50	468000	695000	1600	2200	9,150
32226	7526	130	230	64	67,75	54	550000	830000	1500	2000	11,50
32228	7528	140	250	68	71,75	58	644000	1000000	1400	1900	14,50
32230	7530	150	270	73	77	60	737000	1140000	1200	1700	17,50
32232	7532	160	290	80	84	67	880000	1400000	1100	1600	25,50
32234	7534	170	310	86	91	71	980000	1560000	1000	1500	28,50
32236	7536	180	320	86	91	71	1010000	1640000	950	1400	29,80
32238	7538	190	340	92	97	75	1110000	1920000	900	1300	36,00
32240	7540	200	360	98	104	82	1210000	2000000	900	1300	42,70
32244	7544	220	400	108	114	90	1530000	2560000	800	1100	58,30
32303	7603	17	47	19	20,25	16	34700	33500	8500	11000	0,170
32304	7604	20	52	21	22,25	18	44000	45500	7500	10000	0,230
32305	7605	25	62	24	25,25	20	60500	63000	6000	8000	0,360
32306	7606	30	72	27	28,75	23	76500	85000	5300	7000	0,550
32307	7607	35	80	31	32,75	25	95200	106000	4800	6300	0,730
32308	7608	40	90	33	35,25	27	117000	140000	4000	5300	1,000
32309	7609	45	100	36	38,25	30	140000	170000	3600	4800	1,350
32310	7610	50	110	40	42,25	33	172000	212000	3200	4300	1,800
32311	7611	55	120	43	45,5	35	198000	250000	3000	4000	2,300
32312	7612	60	130	46	48,5	37	229000	290000	2600	3600	2,850
32313	7613	65	140	48	51	39	264000	335000	2400	3400	3,450
32314	7614	70	150	51	54	42	297000	380000	2200	3200	4,300
32315	7615	75	160	55	58	45	336000	440000	2000	3000	5,200
32316	7616	80	170	58	61,5	48	380000	500000	1900	2800	6,200
32317	7617	85	180	60	63,5	49	402000	530000	1800	2600	6,850
32318	7618	90	190	64	67,5	53	457000	610000	1700	2400	8,400
32319	7619	95	200	67	71,5	55	501000	670000	1700	2400	11,00
32320	7620	100	215	73	77,5	60	572000	780000	1600	2200	12,50
32321	7621	105	225	77	81,5	63	605000	815000	1500	2000	14,50
32322	7622	110	240	80	84,5	65	627000	830000	1400	1900	17,00

ISO	GOST	Dimensions (mm)					Basic Load Ratings (N)		Limiting speed (r/min)		Weight (kg)
									Lubrication		
		d	D	B	T	C	Dyn. C	Stat. C ₀	Grease	Oil	
32324	7624	120	260	86	90,5	69	792000	1120000	1300	1800	21,50
32326	7626	130	280	93	98,75	78	858000	1180000	1300	1800	26,20
32328	7628	140	300	102	107,75	85	1100000	1570000	1300	1700	33,10
32330	7630	150	320	108	114	90	1170000	1660000	1100	1500	39,30
32334	7634	170	360	120	127	100	1310000	1830000	850	1100	59,50
32922	2007922	110	150	25	25	20	133000	231000	1600	2400	1,250
32924	2007924	120	165	29	29	23	172000	318000	1800	2400	1,820
32926	2007926	130	180	32	32	25	208000	370000	1360	1920	2,400
32928	2007928	140	190	32	32	25	214000	395000	1280	1760	2,550
32930	2007930	150	210	38	38	30	285000	495000	1189	1680	3,900
32932	2007932	160	220	38	38	30	295000	530000	1180	1600	4,130
32934	2007934	170	230	38	38	30	295000	560000	1120	1520	4,500
32936	2007936	180	250	45	45	34	281600	588000	960	1360	6,650
32938	2007938	190	260	45	45	34	286400	612000	880	1280	7,000
32940	2007940	200	280	51	51	39	378400	760000	800	1200	9,500
32944	2007944	220	300	51	51	39	470000	864000	900	1200	10,20
32948	2007948	240	320	51	51	39	510000	978000	720	1040	11,00
32952	2007952	260	360	63,5	63,5	48	750000	1225000	680	900	18,70
32956	2007956	280	380	63,5	63,5	48	773000	1328000	640	880	20,00
32960	2007960	300	420	76	76	57	840000	1792000	560	760	32,00