



"®"

27365-87
(3338-86, 14"7-78)

27365-87

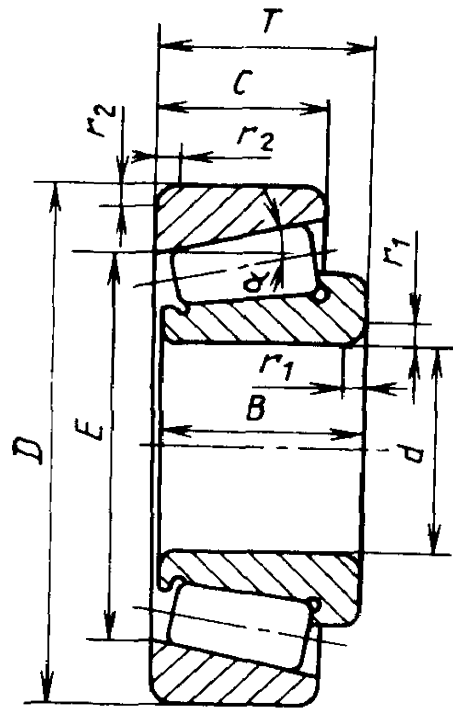
46 2400
**Single-row tapered roller bearings of extra
load ratings. Basic dimensions**

**(CT 3338-86,
CT 1477-78)**

01.07.88
01.07.93

1.

.1 .1 — 11.



d

D

1 1 "

smin ~

.1

1.

2.

9, 2

	d	D			?		t_{umin}	Δt_{min}		
2007904	20	37	12	9,0	12	29,621	0,3	0,3	12°	0,056
2007905	25	42	12	9,0	12	34,608	0,3	0,3	12°	0,065
2007906	30	47	12	9,0	12	39,617	0,3	0,3	12°	0,075
2007907	35	55	14	11,5	14	47,220	0,6	0,6	it° ₁	0,130
2007908	40	62	15	12,0	15	53,388	0,6	0,6	10 55	0,161
2007909	45	68	15	12,0	15	58,852	0,6	0,6	12°	0,190
2007910A	50	72	15	12,0	15	62,148	0,6	0,6	12°50,	0,192
2007911	55	80	17	14,0	17	69,503	1,0	1,0	1139	0,281
2007912	60	85	17	14,0	17	74,185	1,0	1,0	12 27, ₁	0,303
2007913	65	90	17	14,0	17	78,849	1,0	1,0	1315	0,323
2007914	70	100	20	16,0	20	88,590	1,0	1,0	11°53'	0,490
2007915	75	105	20	16,0	20	93,223	1,0	1,0	12°31'	0,520
2007916	80		20	16,0	20	97,974	1,0	1,0	13°10'	0,550
2007911	85	120	23	18,0	23	106,599	1,5	1,5	12°18'	0,790
2007918	90	125	23	18,0	23	111,282	1,5	1,5	12°51'	0,830
2007919	95	130	23	18,0	23	116,082	1,5	1,5	13°25'	0,870
2007920	100	140	25	20,0	25	125,717	1,5	1,5	12°23'	1,150
2007921	105	145	25	20,0	25	130,359		1,5	12°5	1,200
2007922		150	25,0	20,0	25,0	135,182	1,5		13°20'	1,25
2007924	120	165	29,0	23,0	29,0	148,464	1,5		13V	1,78
2007926	130	180	32,0	25,0	32,0	161,652	2,0		12°45.'	2,40
2007928	140	190	32,0	25,0	32,0	171,032	2,0		13°30'	2,55
2007930	150	210	38,0	30,0	38,0	187,926	2,5	2,0	12 20'	3,88
2007932	160	220	38,0	30,0	38,0	197,962	2,5	2,0	13°	4,20

	</	D					^min	'jfinn	£t	*
200/934	170	230	38,0	30,0	38,0	206,564	2,5	2,0	14°20'	4,50
?00?936	180	250	45,0	34,0	45,0	218,571	2,5	2,0	17°45'	6,65
2007938	190	260	45,0	34,0	45,0	228,578	2,5	2,0	17°»'	7,00
:007940	200	280	51,0	39,0	51,0	249,698	3,0	2,5	14°45'	9,50
;0^944	220	300	51,0	39,0	51,0	267,685	3,0	2,5	15°50'	10,10
	240	320	51,0	39,0	51,0	286,952	3,0	2,5	17°	11,00
07952	260	360	63,5	48,0	63,5	320,783	3,0	2,5	15V	19,00
: 7956	280	380	63,5	48,0	63,5	339,778	3,0		16°05'	20,00
:->07960	300	420	76,0	57,0	76,0	374,706	4,0	3,0	14V	32,00
07964	320	440	76,0	57,0	76,0	393,406	4,0	3,0	15°30'	33,60
?307968	340	460	76,0	57,0	76,0	412,043	4,0	3,0	16°15'	35,40
2007972	360	480	76,0	57,0	76,0	430,612	4,0	3,0	17°	37,00

18

1, 2

		D					^smin		£t	*
2007104	20	42	15	12,0	15	32,781	0,6	0,6	14°	0,101
20071/22	22	44	15	11,5	15	34,708	0,6	0,6	14°50'	0,107
2007105	25	47	15	11,5	15	37,393	0,6	0,6	16°	0,117
20071/28	28	52	16	12,0	16	41,991	1,0	1,0	16°	0,150

	<i>d</i>	<i>D</i>					fjimin	fjflnin		*
2007106	30	55	17	13,0	17	44,438	1,0	1,0	16°	0,175
1007 2	32	58	17	13,0	17	46,708	1,0	1,0	16°50'	0,193
2007107	35	62	18	14,0	18	50,510	1,0	1,0	16°50'	0,224
2007108	40	68	19	14,5	19	56,897	1,0	1,0	mV	0,278
2007109	45	75	20	15,5	20	63,248	1,0	1,0	14°40'	0,354
2007110	50	80	20	15,5	20	67,841	1,0	1,0	15°45'	0,384
2007	55	90	23	w	23	76,505		1,5	15°10'	0,570
2007112	60	95	23	17,5	23	80,634	1,5		10°	0,605
2007113	65	100	23	17,5	23	85,567	1,5	1,5	12°	0,642
2007114	70		25	19,0	25	93,633	1,5	1,5	16°10'	0,875
2007115	75	115	25	19,0	25	98,358	1,5		\	0,921
2007116	80	125	29	22,0	29	107,334	1,5	1,5	15 45'	1,290
2007117	85	130	29	22,0	29	111,788	1,5	1,5	16°25'	1,350
2007118	90	140	32	24,0	32	119,948	2,0	1,5	15°45'	1,260
2007119	95	145	32	24,0	32	124,92]	2,0	1,5	16°25'	1,850
2007120	100	150	32	24,0	32	129,269	2,0	1,5	17°	1,920
2007121	105	160	35	26,0	35	137,685	2,5	2,0	16°30'	2,440
2007122		170	38	29,0	38	146,290	2,5	2,0	10°	3,090
2007124	120	180	38	29,0	38	155,239	2,5	2,0	12°	3,320
2007126	130	200	45	34,0	45	172,043	2,5	2,0	16°10'	5,050
2007128	140	210	45	34,0	45	180,720	2,5	2,0	17°	5,370
2007130	150	225	48	36,0	48	193,674	3,0	2,5	17°	6,550
2007132	160	240	51	38,0	51	207,209	3,0	2,5	17°	7,860
2007134	170	260	57	43,0	57	223,031	3,0	2,5	16°30'	10,600

WJ
&
to

8

to

	4	D						r _{ismin}		*
2007136	180	280	64	48,0	64	2	3,0	2,5	15°45'	14,100
2007138	190	290	64	48,0	64	249,853	3,0	2,5	16°25'	14,800
2007140	200	310	70	53,0	70	266,039	3,0	2,5	16°	19,100
2007144	220	340	76	57,0	76	292,464	4,0	3,0	16°	24,700
2007148	240	360	76	57,0	76	310,356	4,0	3,0	17°	26,300
20Q7152A	260	400	87	65,0	87	344,432	5,0	4,0	16°10'	40,000
2007156	280	420	87	65,0	87	361,811	5,0	4,0	17°	41,200
2007160	300	460	100	74,0	100	395,676	5,0	4,0	16°10'	55,900
2007164	320	480	100	74,0	100	415,640	5,0	4,0	17°	64,000

Таблица 3

Серия диаметров 2, серия ширины 0

	4	D						r _{ismin}		*
7203	17	40	12	11	13,25	31,408	1,0	1,0	12W	0,081
7204	20	47	14	12	15,25	37,304	1,0	1,0	12W	0,128
7205	25	52	15	13	16,25	41,135	1,0	1,0	14°02' "	0,157
7206	30	62	16	14	17,25	49,990	1,0	1,0	14°02'10"	0,240
7207	35	72	17	15	18,25	58,844	U			0,340
7208	40	80	18	16	19,75	65,730	1,5		14W	0,435

	(7	D					fjmin	fjftnin		*
7209	45	85	19	16	20,75	70,440	1,5	1,5	15°06'34"	0,499
7210	50	90	20	17	21,75	75,078			isW	0,566
7211	55	100	21	18	22,75	84,197	2,0	1,5	15°06'34"	0,732
7212	60		22	19	23,75	91,876	2,0		15°06'34"	0,931
7213	65	120	23	20	24,75	101,934	2,0	1,5	15°06'34"	1,170
7214	70	125	24	21	26,25	105,748	2,0		15°38'32"	1,300
7215	75	130	25	22	27,25	110,408	2,0		16°10'20"	1,410
7216	80	140	26	22	28,25	119,169	2,5	2,0	1SW	1,700
7217	85	150	28	24	30,50	126,685	2,5	2,0	15°38'32"	2,140
7218	%	160	30	26	32,50	134,901	2,5	2,0	15°38'12"	2,620
7219	95	170	32	27	34,50	143,385	3,0	2,5	15°38'32"	3,160
7220	100	180	34	29	31,00	151,310	3,0	2,5	15°38'32"	3,810
7221	105	190	36	30	39,00	159,795	3,0	2,5	15W	4,490
7222	110	200	38	32	41,00	168,548	3,0	2,5	15°38'32"	5,320
7224	120	215	40	34	43,50	181,257	3,0	2,5	1 °10'20"	6,330
7226	130	230	40	34	43,75	196,420	4,0	3,0	16°10'20"	7,150
7228		250	42	36	45,75	212,270	4,0	3,0	16°10'20"	9,050
7230	150	270	45	38	49,00	227,408	4,0	3,0	16°10'20"	11,300
7232	160	290	48	40	52,00	244,958	4,0	3,0	16W	13,800
7234	170	310	52	43	57,00	262,483	5,0	4,0	16°10'20"	19,000
7236	180	320	52	43	57,00	270,928	5,0	4,0	KW	20,000
7238	190	340	55	46	60,00	291,083	5,0	4,0	16°10'20"	24,000
7240	200	360	58	48	64,00	307,196	5,0	4,0	16°10'20"	25,600
7244	220	400	65	54	72,00	339,941	5,0	4,0	15°38'32"	33,300
7248	240	440	72	60	79,00	374,976	5,0	4,0	15°38'32"	

(5), (0)

	d	D					fjmin	fjlnin		»
7505	25	52	18	16	19,25	41,331	1,0	1,0	13°30'	0,180
7506	30	62	20	17	21,25	48,982	1,0	1,0	14W	0,300
7507	35	72	23	19	24,25	57,087	1,5		14°02' "	0,458
7508	40	80	23	19	24,75	64,715		1,5	14W	0,560
7509	45	85	23	19	24,75	69,610	1,5	1,5	15°06'34"	0,598
7510	50	70	23	19	24,75	74,226	1,5		15°38'32"	0,644
7511	55	100	25	21	26,75	82,837	2,0		15°06'34"	0,878
7512	60	110	28	24	29,75	90,236	2,0		15°0 '34"	1,200
7513	65	120	31	27	32,75	99,484	2,0	1,5	15°06'34"	1,580
7514	70	125	31	27	33,25	103,765	2,0		15°38'32"	1,680
7515	75	130	31	27	33,25	108,932	2,0		16°10'20"	1,760
7516	80	140	33	28	35,25	117,466	2,5	2,0	15°38'32"	2,180
7517	85	150	36	30	38,50	124,970	2,5	2,0	15°38'32"	2,750
7518	90		40	34	42,50	132,615	2,5	2,0	15°38'32"	3,490
7519	95	170	43	37	45,50	140,259	3,0	2,5	15°38'32"	4,320
7520	100	180	46	39	49,00	148,184	3,0	2,5	15°38'32"	5,210
7521	105	190	50	43	53,00	155,269	3,0	2,5	15°38'32"	6,380
7522		200	53	46	56,00	164,022	3,0	2,5	15°38'32"	7,430
7524	120	215	58	50	61,50	114,825	3,0	2,5	16	9,420
7526	130	230	64	54	67,75	187,088	4,0	3,0	1 '10'20"	11,700
7528	140	250	68	58	71,75	204,046	4,0	3,0	16°10'20"	14,500
7530	150	270	73	60	77,00	219,157	4,0	3,0	°1 ¥	18,500
7532	160	290	80	67	84,00	234,942	4,0	3,0	16 10'20"	25,500
7534	170	310	86	71	91,00	251,873	5,0	4,0		29,400
7536	180	320	86	71	91,00	259,938	5,0	4,0	16W	30,700
7538	190	340	92	75	97,00	279,024	5,0	4,0	16°10'20"	36,700
7540	200	360	98	82	104,00	294,880	5,0	4,0	15°10'	44,100
7544	220	400	108	90	114,00	326,455	5,0	4,0	1	58,400
7548	240	440	120	100	127,00	356,922	5,0	4,0	' ' "	

Серия диаметров 3, серия ширины 0

	(1						r _{umin}	JTflmin		*
7302	15	42	13	11	14,25	33,272	1,0	1,0	ioW	0,099
7303	17	47	14	12	15,25	37,420	1,0	1,0	ioW	0,133
7304	20	52	15	13	16,25	41,318	1,5	1,5	11°18'3 "	0,174
7305	25	62	17	15	18,25	50,637	1,5	1,5	11°18'36"	0,273
7306	30	72	19	16	20,75	58,287	1,5	U	11°51'35"	0,406
7307	35	80	21	18	22,75	65,769	2,0		11°51'35"	0,541
7308	40	90	23	20	25,25	72,703	2,0	1,5	12°57'10"	0,769
7309	45	100	25	22	27,25	81,780	2,0	1,5	12W	1,020
7310	50	110	27	23	29,25	90,633	2,5	2,0	12W	1,310
7311	55	120	29	25	31,50	99,146	2,5	2,0	12 57'10"	1,670
7312	60	130	31	26	33,50	107,769	3,0	2,5	12°57'10"	2,060
7313	65	140	33	28	36,00	116,846	3,0	2,5	12W	2,550
7314	70	150	35	30	38,00	125,244	3,0	2,5	12W	3,090
7315	75	160	37	31	40,00	134,097	3,0	2,5	12°57'10"	3,680
7316	80	170	39	33	42,50	143,174	3,0	2,5	12V10"	4,410
7317	85	180	41	34	44,50	150,433	4,0	3,0	12°57'10"	5,130
7318	90	190	43	36	46,50	159,061	4,0	3,0	12°57'10"	5,930
7319	95	200	45	38	49,50	165,861	4,0	3,0	12ftto"	6,920
7320	100	215	47	39	51,50	178,578	4,0	3,0	12°57'10"	8,470
7321	105	225	49	41	53,50	186,752	4,0	3,0	12V10"	9,660
7322		240	50	42	54,50	199,925	4,0	3,0	12V10"	12,500
7324	120	260	55	46	59,50	214,892	4,0	3,0	12W	14,500
7326	130	280	58	49	63,75	232,028	5,0	4,0	12W	17,700
7328	140	300	62	53	67,75	247,910	5,0	4,0	12°57'10"	21,000
7330	150	320	65	55	72,00	265,955	5,0	4,0	12°57'10"	28,000
7332	160	340	68	58	75,00	282,751	5,0	4,0	12ftIO"	30,300
7334	170	360	72	62	80,00	299,991	5,0	4,0	12W	36,600
7336	180	380	75	64	83,00	319,070	5,0	4,0	12°57' "	

	d						1	0	'	
7603	17	47	19	16	20,25	36,090	1,0	1,0	10°45'29"	0,181
7604	20	52	21	18	22,25	39,518			llW	0,245
7605	25	62	%	20	25,25	48,632			°18'36"	0,383
	30	72	21	23	28,75	55,767			nW	0,503
7607	35	80	3i	25	32,75	62,829	2,0		11°51'35"	0,786
7608	40	90	33	27	35,25	69,253	2,0		12°57' "	1,080
7609	45	100	36	30	38,25	38,330	2,0		12V10"	1,480
7610	50		40	33	42,25	86,263	2,5	2,0	12°51'10"	1,960
7611	55	120	43	35	45,50	94,316	2,5	2,0	12W	2,460
7612	60	130	46	37	48,50	102,939	3,0		12W	3,050
7613	65	140	48	39	51,00	111,786	3,0	2,5	ij Vio "	3,400
7614	70	150	51	42	54,00	119,724	3,0	2,5	12W	4,530
7615	75	160	55	45	58,00	127,887	3,0	2,5	12W	5,540
7616	80	170	58	48	6),50	136,504	3,0	1}	12W'	6,600
7617	85	180	60	49	63,50	144,223	4,0	3,0	12V10"	7^70
7618	90	190	64	53	67,50	151,701	4,0	31	12W	9,060
7619	95	200	67	55	71,50	160,318	4,0	3,0	11W	11,000
7620	100	215	73	60	77,50	171,650	4,0	3,0	12W	13,100
7621	105	225	77	63	81,50	179,359	4,0	3,0	12V10"	16^00
7622	110	240	80	65	84,50	192,071	4,0	3,0	12W	17,90}
7624	120	260	86	69	90,50	207,039	4,0	3,0	12°57'10"	22,400

1

3

	<i>d</i>)
3007105	25	47	17	14,0	17	38,278	0,6	0,5	10v	0,134
3007106	30	55	20	16,0	20	45,283	1,0	1,0	11°	0,210
3007107	35	62	21	17,0	21	51,320	1,0	1,0	11°30'	0,269
3007108	40	68	22	18,0	22	57,290	1,0	1,0	10v	0,329
3007109	45	75	24	19,0	24	63,116	1,0	1,0	1 05'	0,421
3007110	50	80	24	19,0	24	67,775	1,0	1,0		0,457
3007111	55	90	27	21,0	27	76,656	1,5	1,5	11°45'	0,670
3007112	60	95	27	21,0	27	80,422	1,5	1,5	12°	0,710
3007	65	100	27	21,0	27	85,257	1,5	1,5	13°05'	0,775
30071	70		31	25,5	31	95,021	1,5	1,5	10°45'	1,120
3007115	75	115	31	25,5	31	99,400	1,5	1,5	11°15'	1,170
3001116	80	125	36	29,5	36	107,750	1,5	1,5	10°30'	1,650
3007117	85	130	36	29,5	36	112,838	1,5	1,5	11°	1,730
3007118	90	140	39	32,5	39	122,363	2,0	1,5	10°10'	2,250
3007119	95	145	39	32,5	39	126,346	2,0	1,5	°	2,340
3007120	100	150	39	32,5	39	130,323	2,0	1,5	10°50'	2,430
3007121	105	160	43	34,0	43	139,304	2,5	2,0	10°40'	3,060
3007122		170	47	37,0	47	146,265	2,5	2,0	10°50'	3,870
3007124	120	180	48	38,0	48	154,777	2,5	2,0	11°30'	4,220
3007126	130	200	55	43,0	55	112,01)	2,5	2,0	12°50'	6,320
3007128	140	210	56	44,0	56	180,353	45	2,0	13°30'	6,750
3007130	150	225	59	46,0	59	194,260	3,0	-	13°40'	8,260

	4	D					Δ_{umin}	Δ_{jmln}		
3007708	40	75	26	20,5	26	61,169	1,5	1,5	13°20'	0,512
3007709	45	80	26	20,5	26	65,700	1,5	1,5	14°20'	0,559
3007710	50	85	26	20,0	26	70,214	1,5		15°20'	8,578
3007711	55	95	30	23,0	30	78,893	1,5	1,5	14°	0,880
3007712	60	100	30	23,5	30	83,522	1,5	1,5	14°50'	0,935
3007713	65		34	26,0	34	91,653	1,5	1,5	14°30'	1,320
3007714	70	120	37	29,0	37	99,733	2,0	1,5	14°10'	1,730
3007715	75	125	37	29,0	37	104,358	2,0		14°50'	1,820
3007716	80	130	37	29,0	37	108,970	2,0		15°30'	1,930
3007717	85	140	41	32,0	41	117,097	2,5	2,0	15°10'	2,500
3007718	90	150	45	35,0	45	125,283	2,5	2,0	14°50'	3,200
3007719	95	160	49	38,0	49	133,240	2,5	2,0	14°35'	4,030
3007720	100	165	52	40,0	52	137,129	2,5	2,0	15°10'	4,450
3007721	105	175	56	44,0	56	144,427	2,5	2,0	15°05'	5,440
3007722		180	56	43,0	56	149,127	2,5	2,0	15°35'	5,630
3007724	120	200	62	48,0	62	166,144	2,5	2,0	14°50'	7,850

Серия диаметров 2, серия ширины 3

	4	D					"	fjmin		
3007205	25	52	22	18,0	22	40,441	1,0	1,0	13°10'	0,230
30072/28	28	58	24	19,0	24	45,846	1,0	1,0	12°45'	0,299
3007206	30	62	25	19,5	25	47,524	1,0	1,0	12°50'	0,365
30 2/32	32	65	26	20,5	26	51,791	1,0	1,0	13°	0,413

	J	D								»
3007207	35	72	28	22,0	28	57,180	1,5	1,5	13°15'	0,555
3007208	40	80	32	25,0	32	63,405	1,5	1,5	13°25'	0,765
3007209	45	85	32	25,0	32	68,075	1,5	1,5	14°25'	0,823
3007210	50	90	32	24,5	32	72,727	1,5	1,5	15°25'	0,895
3007211	55	100	35	27,0	35	81,240	2,0	1,5	14 V	1,210
3007212	60	110	38	29,0	38	89,032	2,0	1,5	15°05'	1,610
3007213A	65	120	41	32,0	41	97,883	2,0	1,5	14°35'	2,0(0
3007214	70	125	41	32,0	41	102,275	2,0	1,5	15°15'	2,170
3007213	75	130	41	31,0	41	106,675	2,0	1,5	15°55'	2,270
3007216	80	140	46	35,0	46	114,582	2,5	2,0	15°50'	3,020
3007217	85	150	49	37,0	49	122,894	2,5	2,0	15°35'	3,700
3007218	90	160	55	42,0	55	129,820	2,5	2,0	15°40'	4,800
3007219	95	170	58	44,0	58	138,642	3,0	2,5	15°15'	5,680
3007220	100	180	63	48,0	63	145,949	3,0	2,5	15°05'	6,970
3007221	105	190	68	52,0	68	153,622	3,0	2,5	15°	8,380

10

3, !

	(1	D	8		l		^min	^2		»
1027305	25	62	17	13	18,25	44,130	1,5		28W	0,274
1027306	30	72	19	14	20,75	51,771	U	1,5	28	0,399
1027307	35	80	21	15		58,861	2,0	1,5	28W	0,533

	d	D						r: jmm	ft	*
1027J08A	40	90	23	17	25,25	66,984		1^	28W	0,747
1027309	45	100	25	18	27,25	75,10?	2,0	1:	28°48'39"	0,997
1027310	50		27	19	29,25	82,747	2,5	(28°48'39"	1,270
1027311	55	120	29	21		89,563	1 _w		28W	1,620
1027312	60	130	31	22		98,236	2,0	*Jv	28V39"	2,010
1027313	65	140	33	23	36,00	106,359	3,9	2,5	28W	2,470
1027314	70	150	35	25	38,00	113,449	3,0	Vs	28°48'39"	3,010
1027315	75	160	37	26	40,00	122,122	3,0	3,5	28W	3,540
1027316	80	170	39	27	42,50	129,213	3,0	2,5	28°48'39"	4,200
1027317	85	180	41	28	44,50	137,403	4,0	3,0	28W	5,100
1027318	90	190	43	30	46,50	145,527	4,0	3,0	28W	5,900
1027319	95	200	45	32	49,50	151,584	4,0	2,0	28W	6,950
1027320	100	215	51	35	56,50	162,739	4,9	3,0	28W	9,070
1027321	105	225	53	36	58,00	170,724	4,0	3,0	»W	10,200
1027322		240	57	38	63,00	182,014	4,0	3,0	28°48'39"	12,600
1027324	120	260	62	42	68,00	197,022	4,0	3,0	28	16,100
1027326	130	280	66	44	72,00	211,753	5,0	4,0	28W	19,500
1027328	140	300	70	47	77,00	227,999	5,0	4,9	28°48'39"	24,500
1027330	150	320	75	50	82,00	244,244	5,0	4,0	28 48'39"	29,500

NI
&
07

(6), (0)

	d	D					Omm	ijmin		*
27606	30	72	27	23	28,75	50,518	1,5	1,5	20°	0,60
27607	35	80	31	25	32,75	57,011	2,0	1,5	20°	0,80
27608	40	90	33	27	35,25	63,708	2,0	1,5	20°	1,15

	<i>i</i>	<i>D</i>			<i>l</i>		<i>r</i> _{umin}			»
27609	45	100	36	30	38,25	71,639	2,0	1,5	20°	1,41
27610	50		40	33	42,25	78,582	2,5	2,0	20°	1,96
27611	55	120	43	35	45,50	86,300	2,5	2,	20°	2,54
27612	60	130	46	37	48,50	94,200	3,0	2,5	20°	2,80
27613	65	140	48	39	51,00	102,319	3,0	2,5	20°	3,75
	70	150	51	42	54,00	110,219	3,0	2,5	20°	4,56
27615A	75	160	55	45	58,00	117,465	3,0	2,5	20°	5,55
27616	80	170	58	48	61,50	125,001	3,0	2,5	20°	5,70
27617	85	180	60	49	63,50	132,736	4,0	3,0	20°	7,30

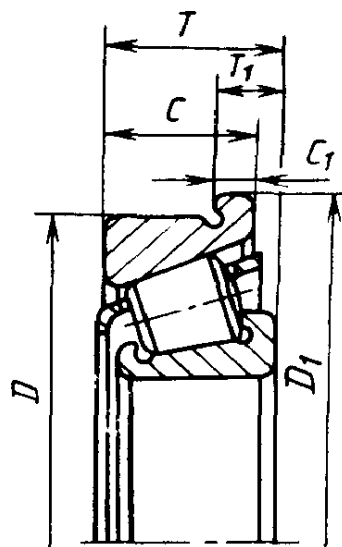
, 1-11,

7,85 / 3,

2. 7200 , 7300 , 7500 , 7600 , 3007100 , 3007200 1027300 , 2007100 , 3007700 -

. 2 . 12, 13.

D								
		3007700	7200	75 CF0A	3007200	7300	1027300	7600
40	44		3,0					
42	46	—	-	—	—	3,0	—	-
47	51	-	3,0	-	-	3,0	-	4,0
52	57	-	3,5	3,5	—	3,5	-	4,5
62	67	—	3,5	4,0	4,5	4,0	4,0	5,0
65	70	-	—	—	4,5	—	-	—
72	77	—	4,0	4,5	5,0	4,0	4,0	6,0
80	85	4,5	4,0	4,5	5,0	4,5	4,5	6,0
85	90	5,0	4,0	4,5	5,0	—	-	—
90	95	-	4,0	4,5	5,5	4,5	4,5	6,0
95	101	5,0	-	-	—	-	-	—
100	106	5,0	4,5	5,0	6,0	5,0	5,0	7,0
	116	5,5	4,5	5,0	7,0	5,0	5,0	8,0
120	127	6,0	4,5	6,0	7,0	5,5	5,5	8,0
125	132	6,0	5,0	6,0	7,0	—	-	-
130	137	6,0	5,0	6,0	7,0	5,5	5,5	8,0
140	147	7,0	5,0	6,0	8,0	6,0	6,0	8,0
150	158	8,0	5,0	7,0	9,0	7,0	7,0	10,0
160	168	9,0	6,0	8,0	10,0	7,0	7,0	10,0
165	173	9,0	-	—	-	—	-	—
170	179	—	6,5	8,0	10,0	7,0	7,0	11,0
175	184	9,0	-	—	—	—	—	—
180	190	9,0	7,0	8,0	10,0	8,0	8,0	11,0
190	200	-	7,0	9,0	11,0	8,0	8,0	11,0
200	210	10,0	7,0	10,0	-	8,0	8,0	11,0
215	225	-	8,0	11,0	-	9,0	9,0	12,0
225	236	-	-	-	-	9,5	9,5	12,0
230	241	--	8,0	11,0	-	-	-	-
240	251	-	-	-	-	9,5	9,5	12,0
250	261	-	9,0	12,0	-	-	-	-
260	272	-	-	-	-	11,0	11,0	13,0
270	282	-	9,0	12,0	-	-	-	-



D_x — ; —
 ; Tj —
 ; D —
 ; —
 ; —

. 2

D		1 -				, -	
		2007100	3007100			2 007100	3007100
42	46	3,0		125	131	5,0	5,5
44	48	3,0	-	130	136	5,0	5,5
47	51	3,0	-	140	146	5,5	6,0
52	56	3,0	-	145	151	5,5	6,0
55	59	3,0	-	150	156	5,5	6,0
58	62	3,0	-	160	168	6,5	7,5
62	66	3,0	-	170	178	6,5	8,5
68	72	3,5	-	180	188	6,5	8,5
75	79	3,5	4,5	200	208	8,0	9,0
80	84	3,5	4,5	210	218	8,0	9,0
90	94	4,0	5,0	225	233	8,5	10,0
95	99	4,0	5,0	240	248	9,0	-
100	104	4,0	5,0	260	268	10,0	-
	116	4,5	5,0	280	292	11,0	-
115	121	4,5	5,0	1			

= 70 , $D = 110$ = 25
 ,
 $cd = 10$, $>D = 150$ = 38 :
 ,
 :
 2007114 *
 : 2067114 *
 > 20° 3, 1,
 1027314 *
 : 1627314 *
 2007114 520-71
 2007114 37.006.107-80
 3.
 = - + *
 4. \ -
 5. , , , -
 , , -
 — 520—71.
 6. — 3325—85.
 7. () ()

()

(0)

14

9,

2

	d,		< , ,
2007926 *	130	187000	193000
2007934	170	270000	305000
2007936 *	180	330000	380000
2007938	190	341000	380000
2007940 *	200	446000	500000
2007952	260	638000	780000
2007960 *	300	990000	1180000

*

:

.

-

1, 2

		,			d,	,	
2007104 *	20	22900	15600	2007120	100	161000	158000
20071/22 *	22	23800	16600	200712 LA*	105	190000	180000
2007105 *	25	25500	18300	2007122 *	110	220000	208000
20071/28 *	28	29700	21600	2007124	120	229000	224000
2007106 *	30	33600	24500	2007126 *	130	297000	290000
20071/32 *	32	34700	26000	2007128 *	140	308000	310000
2007107 *	35	40200	30500	2007130 *	150	347000	355000
2007108	40	49500	40000	2007132 *	160	402000	425000
2007109 *	45	55000	44000	2007134 *	170	473000	490000
2007110 *	50	57200	48000	2007136 *	180	605000	630000
2007111 *	55	76500	64000	2007138 *	190	616000	655000
2007112 *	60	76500	67000	2007140 *	200	704000	750000
2007113 *	65	78100	68000	2007144 *	220	842000	900000
2007114 *	70	95200	83000	2007148 *	240	858000	965000
2007115 *	75	99000	88000	2007152 *	260	1100000	1200000
2007116 *	80	128000	116000	2007156 *	280	1120000	1270000
2007117 *	85	130000	120000	2007164 *	320	145,0000	1660000
2007118 *	90	157000	146000				
2007119 *	95	157000	146000				

2, 0

	d,	,			d,	,	
							0
7203	17	17900	12000	7219 *	95	205000	156000
7204	20	26000	16600	7220	100	233000	190000
7205	25	29200	21000	7221 *	105	255000	200000
7206	30	38000	25500	7222 *	110	286000	228000
7207	35	48400	32500 :	7224 *	120	319000	260000
7208	40	58300	40000	7226 *	130	347000	280000
7 2 09	45	62700	50000	7228 *	140	396000	325000
7210	50	70400	55000	7230 *	150	402000	320000
7211 *	55	84200	61000	723 2 *	160	495000	415000
7212	60	91300	70000	7 2 34 *	170	572000	490000
721 *	65	108000	78000	72 36 *	180	550000	465000
7214	70	119000	89000	7 2 3 8 *	190	671000	570000
7215	75	130000	100000	7 240 *	200	737000	630000
7216	80	140000	114000				
7217	85	165000	134000				
7218	90	183000	150000				

(5) »

(0)

	d,	,			,	,	
			.				
7505 *	25	34100	25000	7520	100	297000	280000
75 06	30	47300	37000	7521 *	105	341000	290000
7507 *	35	61600	45000	7522 *	110	374000	325000
7508 *	40	70400	50000	7524 *	120	440000	390000
7509	45	74800	60000	7526 *	130	523000	475000
7510	50	76500	64000	7528 *	140	605000	560000
7511	55	99000	80000	7530 *	150	682000	640000
7512	60	120000	100000	7532 *	160	825000	780000
751	65	142000	120000	7534 *	170	952000	915000
75 14 *	70	147000	118000	7536 *	180	935000	915000
7515	75	157000	130000	7540 *	200	1140000	1120000
7516	80	176000	155000				
7517	85	201000	180000				
7518 *	90	238000	193000				
7519 *	95	264000	220000				

3,

0

	,	,			d,	,	
			0				
7302 *	15	21200	12700	7316 *	80	255000	190000
7303 *	17	26000	16000	7317 *	85	286000	216000
73 04	20	31900	20000	7318 *	90	308000	236000
7305	25	418000	28000 :	7319 *	95	341000	265,000
73 06	30	52800	39000	7320 *	100	380000	290000
7307	35	68200	50000	7321 *	105	402000	315000
7308 *	40	80900	56000	7322 *	110	446000	345000
7309 *	45	101000	72000	7324 *	120	528000	415000
7310	50	117000	90000	7326 *	130	594000	475000
7311	55	134000	110000	7328 *	140	693000	560000
7312	60	161000	120000	7330 *	150	765000	630000
731	65	183000	150000	7332 *	160	858000	695000
7314	70	209000	170000	7334 *	170	968000	800000
7315	75	229000	185000				

(6), ()

	d,	,			d,	,	
			.				
7603 *	17	33000	21200	7614	70	279000	232000
7604 *	20	41300	28000	7615 *	75	319000	260000
76 05	25	56100	390000	7616	80	370000	320000
76 06	30	72100	55000	7617 *	85	380000	320000
7607	35	88000	73000	7618	90	429000	375000
7608	40	110000	85000	7619 *	95	468000	400000
7609	45	132000	113000	7620	100	539000	450000
7610	50	161000	135000	7621 *	105	561000	480000
7611	55	187000	153000	7622	110	660000	600000
7612	60	216000	178000	76 24	120	748000	700000
7613	65	246000	220000				

1, 3

	d,	,			d.	,	
			0				0
3007110 *	50	64400	56000	3007117 *	85	172000	166000
3007111 *	55	84200	75000	3007118 *	90	205000	196000
3007112 *	60	85800	78000	3007119 *	95	209000	200000
3007113 *	65	91300	83000	3007120 *	100	212000	208000
3007114 *	70	121000	108000	3007121 *	105	233000	232000
3007115 *	75	128000	122000	3007122 *	110	264000	270000
3007116 *	80	157000	153000	3007 124 *	120	270000	290000

7, 3

	d,	,			d _t	,	
			”				,
3007708 *	40	74800	58500	3007714 *	70	161000	140000
3007709 *	45	79200	64000	3007715 *	75	165000	146000
3007710 *	50	80900	67000	3007716 *	80	168000	153000
30077 *	55	105000	86000	3007717 *	85	205000	190000
3007712 *	60	110000	95000	30077 18 *	90	238000	220000
3007713 *	65	134000	116000	1 1 3007722 *	110	347000	345000

2, 3

		,			d_y	,	
			0				”
3007205 *	25	44000	32500	3007212 *	60	157000	134000
3007206 *	30	60500	45500	3007213 *	65	183000	153000
3007207 *	35	79200	62000	3007214 *	70	190000	163000
3007208 *	40	96800	78000	3007215 *	75	194000	170000
3007209 *	45	101000	81500	3007216 *	80	233000	208000
3007210 *	50	108000	90000	3007217 *	85	270000	240000
3007211 *	55	130000	108000	3007220 *	100	402000	375000

3,
(= 20 · 30) 1

	$d >$,			$d,$,	
			”				0
1027305 *	25	35800	23200	1027316 *	80	212000	153000
1027306 *	30	44600	29000	1027317 *	85	229000	166000
1027307 *	35	57200	39000	1027318 *	90	251000	183000
1027308 *	40	69300	54000	1027319 *	95	275000	204000
1026309 *	45	85800	60000	1027320 *	100	352000	270000
1027310 *	50	99000	72500	1027322 *	110	429000	335000
10273 *	55	114000	80000	1027324 *	120	512000	405000
1027312 *	60	134000	96500	1027326 *	130	572000	455000
1027313 *	65	154000	112000	1027328 *	140	644000	520000
1027314 *	70	176000	127000	1027330 *	150	737000	600000
1027315 *	75	194000	143000				

(6),
(= 20°) ()

	$d,$,			$d,$,	
			,				0
27606	30	65000	57000	27613 *	65	233000	176000
27607 *	35	88000	67000	27614 *	70	264000	228000
27609	45	124000	110000	27615 *	75	314000	270000
27610	50	156000	140000	27616 *	80	336000	300000
27611 *	55	179000	150000	27617 *	85	369000	325000
27612 *	60	205000	176000				

1.

-

. . . ; . . . () ; . . . -
, . .

2.

19.08.87 3329

-

3.

333—79 ()
3169-81
7260—81 ()
25566-82

-

-

4.

1477—78, 3338—86
355—1977 355—1980

5.

-

520-71	5
3325-85	6

. 14 09 87 . 16 10.87 1,5 1,63 . -
1,80 .- . 20000 10 .

" " , 123840, , ,
, 3

" " , ., 6. 669^