

Single - row metric size | Jednorzędowe - metryczne



SUFFIX Characters placed after basic designation

Znaki umieszczone za oznaczeniem podstawowym

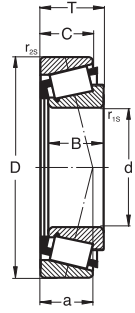
A	modified internal design-increased capacity ● zmodyfikowana konstrukcja wewnętrzna zwiększająca nośność
P6	accuracy to ISO tolerance class 6 ● klasa dokładności 6 wg ISO
X	boundary dimensions altered to conform to ISO standards ● wymiary główne niezgodne z normą ISO 355
FD	solid collapsible steel cage ● koszyk masywny stalowy
B	Increased contact angle ● powiększony kąt działania łożyska

DIMENSIONS WYMIARY GŁÓWNE								BASIC LOAD RATING NOŚNOŚĆ		LIMITING SPEEDS OBROTY GRANICZNE		MASS MASA	BASIC DESIGNATIONS OZNACZENIE PODSTAWOWE
d	D	B	C	T	r _{1s}	r _{2s}	a	dynamic	static	grease	oil	~	
mm								C	C ₀	w smarze	w oleju	kg	
15	35	11.0	10.0	11.75	0.60	0.6	10	15.0	14.3	12 000	16 000	0.057	30202A
	42	13.0	11.0	14.25	1.00	1.0	10	22.9	21.6	10 000	15 000	0.094	30302A
17	40	12.0	11.0	13.25	1.00	1.0	10	19.3	18.8	9 000	13 000	0.070	30203A
	47	14.0	12.0	15.25	1.00	1.0	10	26.0	25.7	8 500	12 000	0.130	30303A
20	47	19.0	16.0	20.25	1.00	1.0	12	35.3	36.3	8 000	11 000	0.170	32303A
	42	15.0	12.0	15.00	0.60	0.6	10	25.1	28.2	9 000	13 000	0.100	32004X
25	47	14.0	12.0	15.25	1.00	1.0	11	27.5	28.0	8 000	11 000	0.120	30204A
	52	15.0	13.0	16.25	1.50	1.5	11	31.6	32.0	8 000	11 000	0.170	30304A
30	52	21.0	18.0	22.25	1.50	1.5	11	44.0	45.5	7 500	11 000	0.230	32304A
	47	15.0	11.5	15.00	0.60	0.6	12	28.0	34.1	8 000	11 000	0.120	32005X
35	52	15.0	13.0	16.25	1.00	1.0	12	33.2	36.2	10 400	13 000	0.160	30205A
	62	17.0	15.0	18.25	1.50	1.5	13	44.6	43.0	6 700	9 000	0.260	30305A
40	62	17.0	13.0	18.25	1.50	1.5	20	38.0	40.0	5 600	7 500	0.220	31305A
	52	18.0	15.0	19.25	1.00	1.0	18	41.3	49.2	7 000	9 500	0.190	32205A
45	52	22.0	18.0	22.00	1.00	1.0	14	47.1	55.8	6 700	9 000	0.230	33205A
	62	24.0	20.0	25.25	1.50	1.5	15	65.0	69.3	6 000	8 000	0.360	32305A
50	55	17.0	13.0	17.00	1.00	1.0	14	35.7	46.8	6 700	9 000	0.170	32006XA
	62	16.0	14.0	17.25	1.00	1.0	14	43.8	48.1	8 800	11 000	0.230	30206A
55	62	16.0	14.0	17.25	1.00	1.0	14	45.5	50.5	6 300	8 500	0.230	30206XA
	62	20.0	17.0	21.25	1.00	1.0	15	53.0	62.0	8 800	11 000	0.290	32206A
60	62	25.0	19.5	25.00	1.00	1.0	16	63.8	75.4	5 600	7 500	0.370	33206A
	72	19.0	16.0	20.75	1.50	1.5	15	60.1	60.9	8 000	10 000	0.390	30306A
65	72	27.0	23.0	28.75	1.50	1.5	18	76.5	85.0	5 300	7 000	0.540	32306A
	72	19.0	14.0	20.75	1.50	1.5	22	47.3	50.0	5 000	6 700	0.370	31306A

DIMENSIONS WYMIARY GŁÓWNE								BASIC LOAD RATING NOŚNOŚĆ		LIMITING SPEEDS OBROTY GRANICZNE		MASS MASA	BASIC DESIGNATIONS OZNACZENIE PODSTAWOWE
d	D	B	C	T	r _{1s}	r _{2s}	a	dynamic	static	grease	oil	~	
mm								C	C ₀	w smarze	w oleju	kg	
35	62	18.0	14.0	18.00	1.00	1.0	15	40.7	54.1	8 800	11 000	0.220	32007XA
	72	17.0	15.0	18.25	1.50	1.5	15	51.2	56.0	5 300	7 000	0.330	30207A
40	72	23.0	19.0	24.25	1.50	1.5	17	70.0	83.0	7 600	9 500	0.490	32207A
	72	28.0	22.0	28.00	1.55	1.5	18	84.4	108.0	7 600	9 500	0.520	33207A
45	80	21.0	18.0	22.75	2.00	1.5	16	76.5	79.0	7 200	9 000	0.520	30307A
	80	31.0	25.0	32.75	2.00	1.5	20	95.2	106.0	4 800	6 300	0.720	32307A
50	80	21.0	15.0	22.75	2.00	1.5	25	59.7	63.9	4 500	6 000	0.500	31307A
	68	19.0	14.5	19.00	1.00	1.0	15	54.0	71.0	5 300	7 000	0.270	32008X
55	68	19.0	14.5	19.00	1.00	1.0	15	54.0	71.0	5 300	7 000	0.270	32008X
	68	22.0	18.0	22.00	1.00	1.0	15	60.2	79.6	5 300	7 000	0.306	33008A
60	80	18.0	16.0	19.75	1.50	1.5	16	64.9	72.0	6 800	8 500	0.420	30208A
	80	23.0	19.0	24.75	1.50	1.5	19	77.0	89.5	6 800	8 500	0.530	32208A
65	80	32.0	25.0	32.00	1.50	1.5	21	105.8	135.5	4 500	6 000	0.720	33208A
	90	23.0	20.0	25.25	2.00	1.5	19	85.8	95.0	4 500	6 000	0.740	30308A
70	90	33.0	27.0	35.25	2.00	1.5	23	117.9	142.7	4 000	5 300	0.990	32308A
	90	33.0	27.0	35.25	2.00	1.5	23	115.7	147.8	4 300	5 600	1.040	32308B
75	90	23.0	17.0	25.25	2.00	1.5	28	73.7	81.5	4 000	5 300	0.680	31308A
	75	20.0	15.5	20.00	1.00	1.0	17	61.0	86.5	4 800	6 300	0.340	32009A
80	75	20.0	15.5	20.00	1.00	1.0	17	58.4	81.4	4 800	6 300	0.340	32009XA
	75	24.0	19.0	24.00	1.00	1.0	16	72.6	100.4	4 800	6 300	0.398	33009A
85	80	26.0	20.5	26.00	1.50	1.5	19	87.1	117.2	4 800	6 300	0.535	33109
	85	19.0	16.0	20.75	1.50	1.5	18	71.1	83.4	6 400	8 000	0.470	30209A
90	85	19.0	16.0	20.75	1.50	1.5	18	67.9	83.6	4 300	6 000	0.470	30209XA
	85	23.0	19.0	24.75	1.50	1.5	20	80.9	98.0	4 500	6 000	0.590	32209A
95	85	32.0	25.0	32.00	1.50	2.0	22	99.5	124.0	4 000	5 300	0.820	33209X
	85	32.0	25.0	32.00	1.50	1.5	22	109.5	145.1	4 300	5 600	0.770	33209A
100	100	25.0	22.0	27.25	2.00	1.5	21	108.0	120.0	4 000	5 300	0.990	30309A
	100	36.0	30.0	38.25	2.00	1.5	25	140.0	170.0	3 600	4 800	1.330	32309A
105	100	25.0	18.0	27.25	2.00	1.5	31	87.6	101.1	3 400	4 500	0.910	31309A
	100	36.0	30.0	38.25	2.00	1.5	30	145.3	189.4	3 600	4 800	1.400	32309B
110	80	20.0	15.5	20.00	1.00	1.0	18	61.1	89.0	4 500	6 000	0.370	32010X
	80	24.0	19.0	24.00	1.00	1.0	17	76.8	110.9	4 300	5 600	0.430	33010A
115	85	26.0	20.0	26.00	1.50	1.5	20	89.3	124.1	4 300	5 600	0.590	33110A
	90	20.0	17.0	21.75	1.50	1.5	19	76.5	91.5	4 300	5 600	0.540	30210A
120	90	23.0	19.0	24.75	1.50	1.5	21	85.5	106.0	6 000	7 500	0.630	32210A
	90	32.0	24.5	32.00	1.50	1.5	23	112.9	154.6	4 000	5 300	0.830	33210A
125	110	27.0	23.0	29.25	2.50	2.0	23	139.0	161.0	5 040	6 300	1.200	30310A
	110	40.0	33.0	42.25	2.50	2.0	27	181.0	229.0	5 040	6 300	1.740	32310AX1
130	110	40.0	33.0	42.25	2.50	2.0	33	177.5	236.1	3 400	4 500	1.890	32310B
	110	27.0	19.0	29.25	2.50	2.0	34	105.0	138.0	3 200	4 300	1.160	31310A
135	90	23.0	17.5	23.00	1.50	1.5	20	80.2	117.2	4 000	5 300	0.560	32011A
	90	23.0	17.5	23.00	1.50	1.5	20	80.2	117.2	3 800	5 000	0.550	32011X
140	90	27.0	21.0	27.00	1.50	1.5	19	94.9	144.7	4 000	5 400	0.640	33011
	95	30.0	23.0	30.00	1.50	1.5	22	114.0	163.0	3 800	5 000	0.843	33111A
145	100	21.0	18.0	22.75	2.00	1.5	20	90.3	106.3	3 800	5 000	0.720	30211A
	100	25.0	21.0	26.75	2.00	1.5	22	132.0	151.0	5 360	6 700	0.840	32211A
150	100	35.0	27.0	35.00	2.00	1.5	25	138.0	190.0	3 400	4 500	1.200	33211A

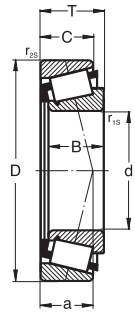
F&T Tapered Roller Bearings

łożyska stożkowe



Single - row metric size | Jednorzędowe - metryczne

DIMENSIONS								BASIC LOAD RATING		LIMITING SPEEDS		MASS	BASIC DESIGNATIONS OZNACZENIE PODSTAWOWE	DIMENSIONS								BASIC LOAD RATING		LIMITING SPEEDS		MASS	BASIC DESIGNATIONS OZNACZENIE PODSTAWOWE																																																																																																																																																
WYMIARY GŁÓWNE								NOŚNOŚĆ		OBROTY GRANICZNE		MASA		WYMIARY GŁÓWNE								NOŚNOŚĆ		OBROTY GRANICZNE		MASA																																																																																																																																																	
d	D	B	C	T	r _{1s}	r _{2s}	a	dynamic	static	grease	oil	~		d	D	B	C	T	r _{1s}	r _{2s}	a	dynamic	static	grease	oil	~																																																																																																																																																	
mm	mm	mm	mm	mm	min	min	~	C	C ₀	w smarze	w oleju	kg		mm	mm	mm	mm	mm	min	min	~	C	C ₀	w smarze	w oleju	kg																																																																																																																																																	
55	120	29.0	25.0	31.50	2.50	2.0	24	135.0	179.0	3 200	4 300	1.530	30311A 32311A 32311B 31311A	80	140	33.0	29.0	35.25	2.50	2.0	30	194.0	257.0	3 600	4 500	2.000	32216A 33216A 30316A 32316A	170	140	46.0	35.0	46.00	2.50	2.0	35	245.7	361.8	2 400	3 400	2.830	33216A 30316A 32316A	170	170	39.0	33.0	42.50	3.00	2.5	33	271.0	377.0	2 400	3 400	4.000	30316A 32316A	170	170	58.0	48.0	61.50	3.00	2.5	41	386.0	508.0	3 440	4 300	5.900	32316A																																																																																																						
	60	85	17.0	14.0	17.00	1.00	1.0	16	46.0	78.0	4 000	5 300			0.290	32912X 32012X 33012A 33112A 30212A 32212A 33212A 30312A 32312A 31312A	85	130	29.0	22.0	29.00	1.50	1.5	28	139.8	220.3			2 600	3 600	1.320	32017X 33017 33117A 33217A 30217A 32217A 30317A 32317A	130	130	36.0	29.5	36.00	1.50	1.5	27			183.0	310.0	3 840	4 800	1.720	33017 33117A 33217A 30217A 32217A 30317A	130	140	41.0	32.0	41.00	2.50			2.0	32	215.7	354.2	2 400	3 400	2.450	33117A 33217A 30217A 32217A 30317A	130	150	49.0	37.0		49.00	2.50	2.0	42	296.0	444.0	2 200	3 200	3.670	33217A 30217A 32217A 30317A	130	150	28.0	24.0	30.50	2.50	2.0	30	187.0	238.0	3 440	4 300	2.000	30217A 32217A 30317A	130	150	36.0	30.0	38.50	2.50	2.0	33	223.0	299.0	3 440	4 300	2.690	32217A 30317A	130	180	41.0	34.0	44.50	4.00	3.0	35	307.0	370.0	3 200	4 000	5.100	30317A 32317A	130	180	60.0	49.0	63.50	4.00	3.0	42	406.0	597.0	2 000	3 200	6.950	32317A																																				
		65	130	31.0	22.0	33.50	3.00	2.5	39	138.0	151.0	2 600			3 600			1.830	32018X 33018 33118A 30218A 32218A 30318A 32318A	90	140	32.0	24.0	32.00	2.00	1.5			30	168.0	252.0			3 440	4 300	1.750	32018X 33018 33118A 30218A 32218A 30318A 32318A	140	140	39.0			32.5	39.00	2.00	1.5	28			232.6	388.6	2 500	3 300	2.200			33018 33118A 30218A 32218A 30318A 32318A	140	160	45.0	35.0	45.00	2.50			2.0	35	262.0		419.0	2 000	3 200	3.180	33118A 30218A 32218A 30318A 32318A	140	160	30.0	26.0			32.50	2.50	2.0	31	194.0	273.0	2 000	3 000	2.490	30218A 32218A 30318A 32318A	140	160			40.0	34.0	42.50	2.50	2.0	36	266.0	366.0	3 200	4 000	3.300	32218A 30318A 32318A			140	190	43.0	36.0	46.50	4.00	3.0	36	327.0	439.0	1 800	2 600			5.500	30318A 32318A	140	190	64.0	53.0	67.50	4.00	3.0	44	429.0	639.0		1 800	2 400	8.230	32318A																																
			70	100	23.0	17.5	23.00	1.50	1.5	22	90.0	136.0			4 800			6 000			0.630	32019X 33019A 30219A 32219A 30319A 32319A	95	145	32.0	24.0			32.00	2.00	1.5			32	174.0	281.0			2 200	3 200			1.790	32019X 33019A 30219A 32219A 30319A 32319A	145	145	39.0			32.5	39.00	2.00	1.5	29					231.0	390.0	2 200	3 200	2.260			33019A 30219A 32219A 30319A 32319A	145	170		32.0	27.0	34.50	3.00			2.5	33	217.0			305.0	1 900	2 800	2.960	30219A 32219A 30319A 32319A	145	170	43.0	37.0			45.50			3.00	2.5	39	300.0	419.0	3 040	3 800	4.320	32219A 30319A 32319A	145	170					58.0	44.0	58.00	3.00	2.5	42	377.0	568.0	1 900	2 800	5.500			30319A 32319A			145	200	45.0	38.0	49.50	4.00	3.0	39	372.0		472.0	1 800	2 600		6.500	30319A 32319A																														
				75	100	20.0	16.0	20.00	1.00	1.0	18	68.5			110.0			3 400			4 600			0.480	32914X 32014X 33014A 33114 30214A 32214A 33214 30314A 32314A 31314A	100			200	67.0	55.0			71.50	4.00	3.0			47	485.0			721.0			1 700	2 400			9.550	32319A 32020X 33020A T4CB100 30220A 32220A 33220A 30320A 32320A	200	150	32.0					24.0	32.00	2.00	1.5	33					173.1		291.7	2 200	3 000	1.850			32020X 33020A T4CB100 30220A 32220A 33220A 30320A 32320A	200	150			39.0	32.5	39.00	2.00			1.5	29	229.5			391.5			2 200	3 200	2.330	33020A T4CB100 30220A 32220A 33220A 30320A 32320A	200	145	22.5	17.5			24.00					3.00	3.0	30	125.0	190.0	2 200	3 200	1.150	30220A 32220A 33220A 30320A 32320A	200	180							34.0	29.0	37.00	3.00	2.5	35	245.0	346.0		1 900	2 800	3.540		32220A 33220A 30320A 32320A		200	180	46.0	39.0	49.00	3.00	2.5	41	337.0	476.0	1 800	2 600	4.760	32220A 33220A 30320A 32320A	200	180	63.0	48.0	63.00	3.00	2.5	45	430.0	655.0	1 700	2 400	6.710	30320A 32320A		
80					150	51.0	42.0	54.00	3.00	2.5	36	313.0	408.0	3 600	4 500			4.100			32915X 32015X 33015A 33115A 30215A 32215A 30315A 32315A 31315A 33215A			105			215	47.0	39.0	51.50	4.00			3.0	40	412.0			527.0	1 700	2 400	4.900	32021X 33021A 30221A 32221A 30321A 32321A			215	215			73.0			60.0	77.50	4.00	3.0			51	553.0	847.0	1 600	2 200					12.100	33220A 30320A 32320A 32021X 33021A 30221A 32221A 30321A 32321A	215	160	35.0	26.0					35.00			2.50	2.0	34	210.0			346.0	3 040	3 800			2.440			32021X 33021A 30221A 32221A 30321A 32321A	215	160			43.0	34.0	43.00			2.50					2.5	35	264.7	453.5	2 000	3 000	3.000	33021A 30221A 32221A 30321A 32321A			215							190	36.0	30.0	39.00	3.00	2.5	37	268.0		383.0	1 800	2 600					4.250	30221A 32221A 30321A 32321A	215	190	50.0	43.0	53.00	3.00	2.5	44	367.0	575.0			1 800	2 600	5.900	32221A 30321A 32321A	215	225	49.0	41.0	53.50	4.00	3.0	41		440.0	535.0
	85				120	29.0	21.0	31.50	2.50	2.0	37	118.3	131.8	2 800	3 800	1.500	32016A 33216A 30316A 32316A	110									170	38.0	29.0	38.00	2.50	2.0	37	245.7	403.4	1 900			2 800	3.020	32022X 33022A 30322A 33122A 30222A 32222A 30322A	170					170	47.0	37.0	47.00			2.50	2.0	34	303.0			536.0	1 800	2 600	3.850	33022A 33122A 30222A 32222A 30322A	170	180			56.0			43.0	56.00	2.50					2.0	44	373.0	639.0	1 800	2 600	5.550			33122A 30222A 32222A 30322A	170	200			38.0	32.0	41.00			3.00			2.5	39	301.0			434.0		1 700	2 400		5.000	30222A 32222A 30322A	170	200	53.0	46.0	56.00					3.00	2.5					46	390.0	631.0	1 700	2 400	6.900	32222A 30322A	170	240	50.0	42.0	54.50					4.00			3.0	43	480.0	635.0	1 600	2 200	10.700	30322A																		

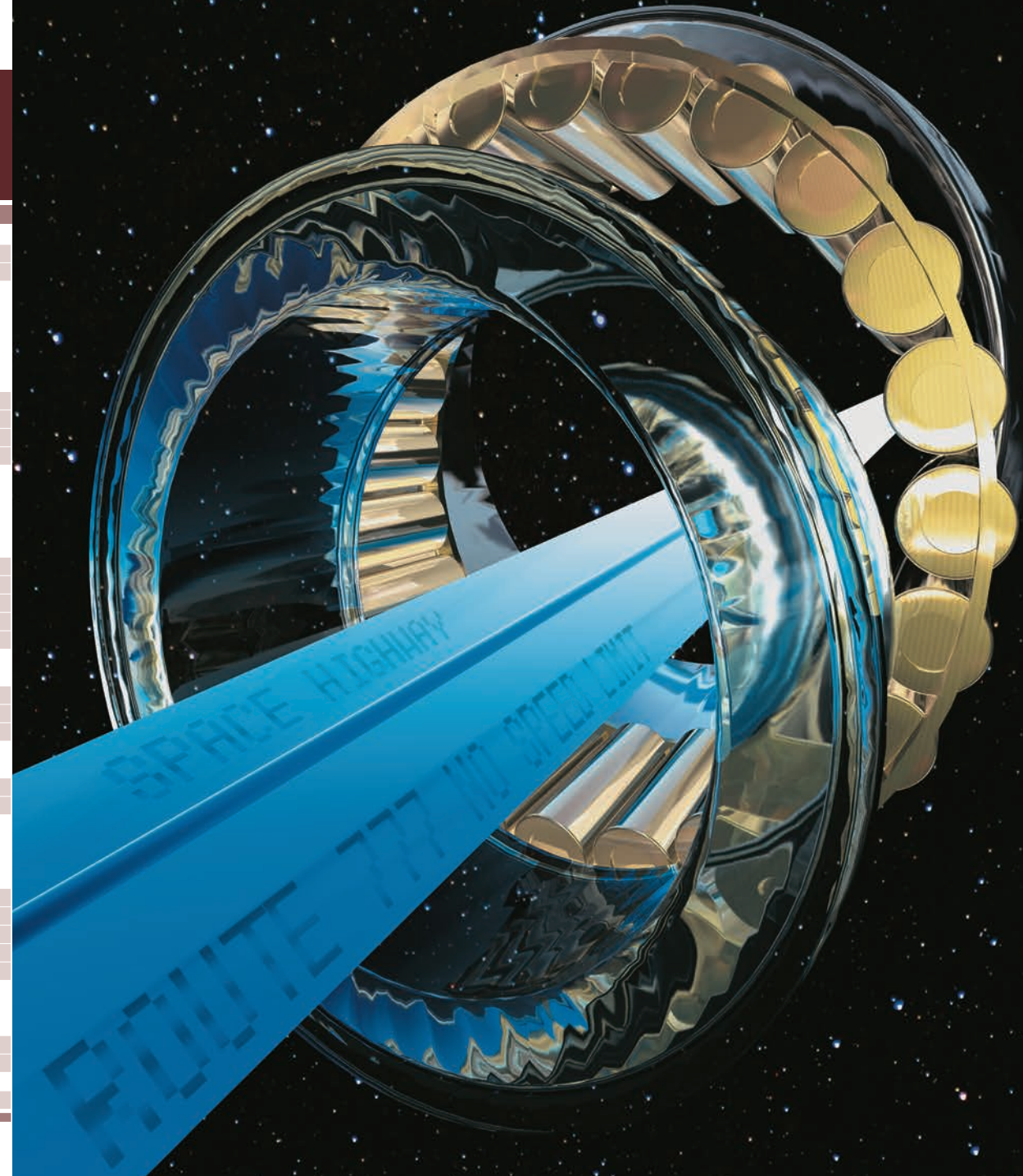


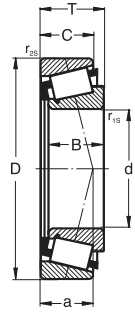
Single - row metric size | Jednorzędowe - metryczne

TAPERED ROLLER BEARINGS

SPECIAL AND INCH SIZES TAPERED ROLLER BEARINGS

DIMENSIONS								BASIC LOAD RATING		LIMITING SPEEDS		MASS	BASIC DESIGNATIONS OZNACZENIE PODSTAWOWE
WYMIARY GŁÓWNE								NOŚNOŚĆ		OBROTY GRANICZNE		MASA	
d	D	B	C	T	r _{1s}	r _{2s}	a	dynamic	static	grease	oil	~	
mm								C	C ₀	w smarze	w oleju	kg	
								kN		r/min			
110	240	57.0	38.0	63.00	4.00	3.0	75	426.0	593.0	1 400	1 900	12.500	31322A
	240	80.0	65.0	84.50	4.00	3.0	56	674.0	1 030.0	1 400	1 900	19.300	32322A
120	180	38.0	29.0	38.00	2.50	2.0	40	242.0	404.0	1 800	2 600	3.180	32024X
	180	48.0	38.0	48.00	3.00	2.0	36	298.2	535.1	2 600	3 400	4.070	33024A
	215	40.0	34.0	43.50	3.00	2.5	43	334.0	491.0	1 600	2 200	6.010	30224A
	215	58.0	50.0	61.50	3.00	2.5	51	440.0	727.0	1 600	2 200	8.750	32224A
	260	55.0	46.0	59.50	4.00	3.0	47	537.0	705.0	1 500	2 000	13.800	30324A
	260	86.0	69.0	90.50	4.00	3.0	60	773.0	1 115.0	1 200	1 600	24.000	32324
130	185	27.0	21.0	29.00	3.00	3.0	35	152.0	235.0	1 600	2 200	1.970	T4CB130
	200	45.0	34.0	45.00	2.50	2.0	42	314.0	540.0	1 600	2 200	4.950	32026A
	230	40.0	34.0	43.75	4.00	3.0	45	369.0	490.0	1 500	2 000	7.600	30226A
	230	64.0	54.0	67.75	4.00	3.0	56	576.0	884.0	1 400	1 800	11.400	32226A
140	190	32.0	25.0	32.00	2.00	1.5	33	215.0	395.0	2 720	3 400	2.520	32928P6X
	195	27.0	21.0	29.00	3.00	3.0	41	188.0	300.0	1 500	2 000	2.410	T4CB140
	250	42.0	36.0	45.75	4.00	3.0	47	418.0	570.0	1 400	1 900	8.650	30228A
	250	68.0	58.0	71.75	4.00	3.0	60	675.0	1 050.0	1 200	1 600	14.400	32228A
	300	102.0	85.0	107.75	5.00	4.0	71	1 220.0	1 650.0	1 300	1 700	34.700	32328FD
150	210	38.0	30.0	38.00	3.00	2.0	36	284.0	530.0	1 800	2 600	3.920	32930
	225	48.0	36.0	48.00	3.00	2.0	50	390.0	695.0	1 500	2 000	6.310	32030X
	270	45.0	38.0	49.00	4.00	3.0	50	429.0	560.0	1 300	1 800	11.000	30230A
	270	73.0	60.0	77.00	4.00	3.0	64	756.0	1 180.0	1 100	1 500	18.200	32230A
	320	108.0	90.0	114.00	5.00	4.0	82	1 300.0	1 900.0	950	1 400	42.200	32330A
160	240	51.0	38.0	51.00	3.00	2.5	52	415.0	730.0	1 600	2 100	7.700	32032X
	290	80.0	67.0	84.00	4.00	3.0	69	856.5	1 435.0	1 000	1 400	23.100	32232P6X
170	260	57.0	43.0	57.00	3.00	2.0	57	465.0	800.0	1 200	1 700	10.600	32034X
	310	86.0	71.0	91.00	5.00	4.0	74	1 000.0	1 700.0	1 000	1 300	28.800	32234P6X
	230	30.0	23.0	32.00	1.50	2.0	42	221.0	395.0	1 400	1 900	4.170	32934
180	320	86.0	70.0	91.00	5.00	4.0	78	803.0	1 200.0	950	1 400	26.660	32236
	240	30.0	23.0	32.00	3.50	3.6	48	265.0	483.0	2 080	2 600	3.600	T4DB180X1
	290	64.0	48.0	64.00	3.00	2.5	63	653.0	1 180.0	1 100	1 600	14.800	32038P6X
	340	92.0	75.0	97.00	5.00	4.0	83	1 120.0	1 780.0	900	1 300	35.400	32238A
200	270	34.0	27.0	37.00	3.00	3.0	54	315.0	570.0	1 200	1 700	5.200	T4DB200
	310	70.0	53.0	70.00	3.00	2.5	67	720.0	1 400.0	900	1 200	19.100	32040X
	280	51.0	39.0	51.00	2.50	2.5	53	473.0	950.0	1 300	1 800	9.500	32940A
	360	98.0	82.0	104.00	5.00	4.0	84	1 200.0	2 100.0	950	1 300	43.600	32240P6X
220	300	51.0	39.0	51.00	3.00	2.5	59	448.0	911.0	1 000	1 500	10.100	32944
	340	76.0	57.0	76.00	4.00	3.0	73	904.0	1 650.0	1 360	1 700	24.500	32044X
	340	76.0	57.0	76.00	4.00	3.0	73	869.0	1 570.0	900	1 300	24.500	32044XP5
	400	65.0	54.0	72.00	4.00	4.0	76	977.0	1 380.0	1 280	1 600	34.400	30244
	400	108.0	90.0	114.00	4.00	4.0	97	1 530.0	2 660.0	1 200	1 500	58.700	32244
240	220	51.0	39.0	51.00	3.00	3.0	65	516.0	1 092.0	1 100	1 700	10.800	32948P6X
	320	56.0	46.0	57.00	3.00	2.0	58	616.0	1 320.0	900	1 300	12.500	T2EE240
	360	76.0	57.0	76.00	4.00	3.0	79	989.0	1 800.0	850	1 200	25.900	32048X
260	400	87.0	65.0	87.00	5.00	4.0	86	1 120.0	2 070.0	800	1 100	38.700	32052X
	540	102.0	80.0	112.00	6.00	6.0	98	1 960.0	2 660.0	960	1 200	110.960	30352FD
280	380	63.5	48.0	63.50	3.00	2.5		672.0	1 370.0	800	1 100	19.900	32956
320	480	100.0	74.0	100.00	5.00	4.0	104	1 500.0	3 150.0	630	850	61.900	32064X

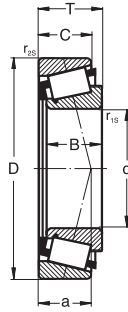




Special and inch size | Specjalne i calowe

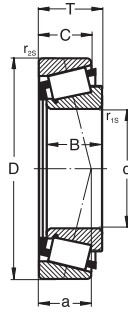


SHAFT WAŁEK	DIMENSIONS WYMIARY GŁÓWNE								BASIC LOAD RATING NOŚNOŚĆ		LIMITING SPEEDS OBROTY GRANICZNE		MASS MASA	DESIGNATION OZNACZENIE PODSTAWOWE		LOAD CALCULATION FACTORS Współczynniki obliczeniowe			
	d	D	T	B	C	r _{1s}	r _{2s}	a	dynamic DYNAMICZNE C	static STATYCZNE C ₀	grease w smarze	oil w oleju		~	FŁT	Equivalent zamiennik	e	y ₁	y ₀
	mm	mm	mm	mm	mm	min	min	~	kN	kN	r/min	r/min		kg					
15.000	15.0000	35.0000	11.0000	10.7500	8.5000	0.7000	1.2500	8.6	15.3	13.8	19 200	24 000	0.050	CBK 170B	639209 (SKF)	0.45	1.33	0.73	
15.000	15.0000	42.0000	13.0000	13.5000	10.0000	1.0000	1.0000	9.2	21.4	22.0	16 000	20 000	0.100	CBK 257	336658 (SKF) 639213 (SKF)	0.40	1.51	0.83	
17.462	17.4620	39.8780	13.4830	14.6050	10.6680	1.3000	1.3000	9.0	20.7	20.2	9 000	13 000	0.081	LM 11749/LM11710	K-LM 11749/K-LM 11710	0.28	2.10	1.10	
	<i>0.6875</i>	<i>1.5700</i>	<i>0.5450</i>	<i>0.5750</i>	<i>0.4200</i>	<i>0.0500</i>	<i>0.0500</i>												
19.050	19.0500	45.2370	15.4940	16.6370	12.0650	1.3000	1.3000	10.2	29.5	30.2	14 000	18 000	0.130	CBK 087	K-LM 11949/K-LM 11910	0.30	2.00	1.10	
	<i>0.7500</i>	<i>1.7810</i>	<i>0.6100</i>	<i>0.6550</i>	<i>0.4750</i>	<i>0.0500</i>	<i>0.0500</i>												
20.000	20.0000	43.0000	13.2500	12.0000	11.0000	3.0000	1.5000	10.2	20.6	21.7	14 000	18 000	0.100	CBK 173	639329 (SKF)	0.38	1.60	0.88	
21.430	21.4300	50.0050	17.5260	18.2880	13.9700	1.3000	1.3000	11.0	35.0	36.5	8 000	11 000	0.170	M 12649/M 12610	K-M 12649/K-M 12610	0.28	2.10	1.10	
	<i>0.8437</i>	<i>1.9687</i>	<i>0.6900</i>	<i>0.7200</i>	<i>0.5500</i>	<i>0.0500</i>	<i>0.0500</i>												
21.987	21.9870	45.2370	15.4940	16.6370	12.0650	1.3000	1.3000	10.0	27.0	30.0	8 000	11 000	0.120	LM 12749/LM 12710	K-LM 12749/KL-M 12710	0.31	1.90	1.10	
	<i>0.8656</i>	<i>1.7810</i>	<i>0.6100</i>	<i>0.6550</i>	<i>0.4750</i>	<i>0.0500</i>	<i>0.0500</i>												
22.000	22.0000	41.0000	14.4000	14.6000	11.4000	1.0000	1.0000	9.4	18.4	21.2	14 000	18 000	0.080	CBK 323B	442327N (SKF)	0.26	2.27	1.25	
23.000	23.0000	52.0000	15.0000	14.2600	12.7000	3.0000	1.5000	11.5	27.2	29.3	11 000	14 000	0.160	CBK 258	639175 (SKF)	0.40	1.51	0.83	
25.400	25.4000	50.2920	14.2240	14.7320	10.6680	1.3000	1.3000	11.0	25.5	29.0	7 500	10 000	0.130	513-720	K-L44643/K-L 44610	0.37	1.60	0.90	
	<i>1.0000</i>	<i>1.9800</i>	<i>0.5600</i>	<i>0.5800</i>	<i>0.4200</i>	<i>0.0500</i>	<i>0.0500</i>												
25.400	25.4000	57.1500	19.4310	19.4310	14.7320	1.5000	1.5000	16.0	42.0	48.5	6 900	9 200	0.240	M 84548/M84510	M 84548/M84510	0.55	1.10	0.60	
	<i>1.0000</i>	<i>2.2500</i>	<i>0.7650</i>	<i>0.7650</i>	<i>0.5800</i>	<i>0.0600</i>	<i>0.0600</i>												
25.400	25.4000	59.5300	23.3680	23.1140	18.2880	0.8000	1.5000	11.0	50.0	58.0	6 300	9 000	0.320	CBK 247	K-M 84249 / K-M 84210	0.55	1.10	0.60	
	<i>1.0000</i>	<i>2.3437</i>	<i>0.8200</i>	<i>0.8100</i>	<i>0.5625</i>	<i>0.0300</i>	<i>0.0600</i>												
26.000	26.0000	52.0000	15.0000	14.2600	12.7000	2.8000	1.5000	11.5	27.2	29.3	11 000	14 000	0.140	CBK 171	63174 (SKF)	0.40	1.51	0.83	
26.988	26.9880	50.2920	14.2240	14.7320	10.6680	3.5000	1.3000	11.0	25.5	29.0	7 500	10 000	0.110	L 44649/L 44610	K-L 44649/K-L 44610	0.37	1.60	0.90	
	<i>1.0625</i>	<i>1.9800</i>	<i>0.5600</i>	<i>0.5800</i>	<i>0.4200</i>	<i>0.1400</i>	<i>0.0500</i>												
29.000	29.0000	50.2920	14.2240	14.7320	10.6680	3.5000	1.3000	11.0	25.4	31.8	7 000	9 500	0.110	L 45449/L 45410	L-45449/L45410	0.37	1.60	0.90	
	<i>1.1417</i>	<i>1.9800</i>	<i>0.5600</i>	<i>0.5800</i>	<i>0.4200</i>	<i>0.1400</i>	<i>0.0500</i>												
30.162	30.1620	64.2920	21.4330	21.4330	16.6700	1.5000	1.5000	18.0	49.0	60.0	6 300	8 000	0.350	CBK 248	K-M86649/K-M 86610	0.55	1.10	0.50	
	<i>1.1875</i>	<i>2.5312</i>	<i>0.8438</i>	<i>0.8438</i>	<i>0.6563</i>	<i>0.1400</i>	<i>0.1400</i>												
31.750	31.7500	59.1310	15.8750	16.7640	11.8110	3.5000	1.3000	13.3	36.6	40.4	8 800	11 000	0.180	CBK 088	K-LM 67048/L-LM 67010	0.41	1.46	0.80	
	<i>1.2500</i>	<i>2.3280</i>	<i>0.6250</i>	<i>0.6600</i>	<i>0.4650</i>	<i>0.1400</i>	<i>0.0500</i>												
31.750	31.7500	62.0000	18.1610	19.0500	14.2880	4.0000	1.3000	13.0	48.5	57.0	6 000	8 000	0.240	15123/15245	K-15123/K-15245	0.35	1.70	0.90	
	<i>1.2500</i>	<i>2.4409</i>	<i>0.7150</i>	<i>6.7500</i>	<i>0.5625</i>	<i>0.1600</i>	<i>0.0500</i>												
31.750	31.7500	69.0120	19.8450	19.5830	15.8750	3.5000	1.3000	15.0	53.9	67.0	5 600	7 500	0.350	14125A/14276	K-14125A/K-14276	0.37	1.60	0.80	
	<i>1.2500</i>	<i>2.4170</i>	<i>0.7813</i>	<i>0.7710</i>	<i>0.6250</i>	<i>0.1400</i>	<i>0.0500</i>												
31.750	31.7500	69.8500	23.8120	25.3570	19.0500	0.8000	1.3000	17.0	70.1	83.2	5 600	7 500	0.440	2580/2523	2580/2523	0.27	2.19	1.21	
	<i>1.2500</i>	<i>2.7500</i>	<i>0.9375</i>	<i>0.9983</i>	<i>0.7500</i>	<i>0.0315</i>	<i>0.0512</i>												
31.750	31.7500	73.0250	29.3700	27.7830	23.0200	1.3000	3.3000	23.0	70.4	95.0	5 600	7 500	0.620	HM88542/HM88510		0.54	1.10	0.60	
	<i>1.2500</i>	<i>2.8750</i>	<i>1.1563</i>	<i>1.0938</i>	<i>0.9063</i>	<i>0.0500</i>	<i>0.1300</i>												
33.338	33.3380	76.2000	29.3700	28.5750	23.0200	0.8000	2.0000	23.0	79.0	107.0	9 600	12 000	0.680	CBK 093	K-HM 89443/K-HM 89410	0.55	1.10	0.60	
	<i>1.3125</i>	<i>3.0000</i>	<i>1.1563</i>	<i>1.1250</i>	<i>0.9063</i>	<i>0.0300</i>	<i>0.0800</i>												
34.925	34.9250	65.0880	18.0340	18.2880	13.9700	3.6000	1.3000	14.4	48.0	58.5	8 800	11 000	0.300	CBK 333	K-LM 48548/K-LM 48510	0.38	1.59	0.88	
	<i>1.3750</i>	<i>2.5625</i>	<i>0.7100</i>	<i>0.7200</i>	<i>0.5500</i>	<i>0.1400</i>	<i>0.0500</i>												
34.925	34.9250	69.0120	19.9450	19.5830	15.8750	1.5000	1.3000	15.1	57.9	66.7	8 800	11 000	0.360	CBK 348	K-14137A/K-14276	0.38	1.57	0.87	
	<i>1.3750</i>	<i>2.7170</i>	<i>0.7813</i>	<i>0.7710</i>	<i>0.6250</i>	<i>0.0600</i>	<i>0.0500</i>												
34.925	34.9250	72.2340	25.4000	25.4000	19.8420	2.5000	2.5000	21.0	66.0	87.0	5 300	7 000	0.450	HM 88649/88610	HM 88649/88610	0.55	1.10	0.60	
34.925	34.9250	73.0250	23.8120	24.6090	19.0500	1.5000	2.3000	16.0	71.2	83.0	7 000	8 800	0.490	CBK 350	K-25877/K-25820	0.29	2.06	1.13	
	<i>1.3750</i>	<i>2.8750</i>	<i>0.9375</i>	<i>0.9688</i>	<i>0.7500</i>	<i>0.0600</i>	<i>0.0900</i>												



Special and inch size | Specjalne i calowe

SHAFT WAŁEK	DIMENSIONS WYMIARY GŁÓWNE								BASIC LOAD RATING NOŚNOŚĆ		LIMITING SPEEDS OBROTOWY GRANICZNE		MASS MASA	DESIGNATION OZNACZENIE PODSTAWOWE		LOAD CALCULATION FACTORS Współczynniki obliczeniowe		
	d	D	T	B	C	r _{1s}	r _{2s}	a	dynamic	static	grease	oil		FŁT	Equivalent zamiennik	e	y ₁	y ₀
	mm	mm	mm	mm	mm	min	min	~	DYNAMICZNE C	STATYCZNE C ₀	w smarze	w oleju						
34.925	34.9250	76.2000	29.3700	28.5750	23.0200	3.5000	3.3000	23.0	79.0	107.0	7 000	8 800	0.680	CBK 094	K-HM 89446/K-HM 89410	0.55	1.10	0.60
	1.3750	3.0000	1.1563	1.2500	0.9063	0.1400	0.1300											
34.988	34.9880	59.9740	15.8750	16.7640	11.9380	3.5000	1.3000	13.0	33.0	44.0	6 000	8 000	0.172	513-719	K-L-68149/K-L 68111	0.43	1.40	0.80
	1.3775	2.3612	0.6250	0.6600	0.4700	0.1400	0.0500											
35.000	35.0000	60.0000	15.8750	18.4600	11.9380	2.0000	1.3000	13.0	33.0	44.0	5 000	6 700	0.170	JL 68145/JL 68111 Z	K-JL 68145/K-JL 68111	0.43	1.40	0.80
35.000	35.0000	80.0000	32.0000	32.0000	25.0000	1.5000	0.3000	20.8	98.0	134.0	6 400	8 000	0.810	514-747		0.36	1.68	0.92
36.000	36.0000	68.0000	16.5000	16.5000	13.7500	1.5000	1.5000	14.6	36.4	40.6	7 500	9 600	0.280	CBK 091	639180 (SKF)	0.44	1.36	0.75
36.512	36.5120	76.2000	29.3700	28.5750	23.0200	3.5000	3.3000	23.5	78.0	105.0	5 100	6 800	0.626	HM89449/HM89410	HM89449/HM89410	0.55	1.10	0.60
	1.4375	3.0000	1.1563	1.1250	0.9063	0.1400	0.1300											
38.000	38.0000	63.0000	17.0000	17.0000	13.5000	1.3000	1.3000	15.0	40.5	56.5	5 300	7 000	0.200	JL 69349/JL 69310	JL 69349/JL 69310	0.42	1.40	0.80
38.000	38.0000	63.0000	17.1000	17.0000	13.5000	2.0000	1.5000	14.5	44.0	59.0	9 600	12 000	0.200	513-716A	K-JL 69349A/K-JL69399	0.42	1.44	0.79
38.100	38.1000	65.0880	18.0340	18.2880	13.9700	2.3000	1.3000	13.0	42.9	57.0	5 600	7 500	0.240	LM 29749/LM 29710	LM 29749/LM 29710	0.33	1.80	1.00
	1.5000	2.5625	0.7100	0.7200	0.5500	0.0900	0.0500											
	38.1000	79.3750	29.3700	29.7710	23.8120	4.0000	4.0000	20.6	90.5	120.0	7 400	9 300	0.690	514-809	3490/3420	0.37	1.60	0.88
	38.1000	82.5500	29.3700	28.5750	23.0200	0.8000	3.3000	24.0	100.0	118.0	7 400	9 300	0.780	HM801346/HM801310		0.54	1.10	0.60
39.000	39.0000	72.0150	21.5000	20.6400	16.7400	2.0000	0.5000	17.6	56.0	68.8	7 000	8 800	0.370	CBK 187	639330 (SKF)	0.40	1.49	0.82
40.000	40.0000	70.0000	17.0000	16.5000	14.2500	1.8000	1.3000	15.0	38.8	48.7	4 800	6 300	0.310	CBK 172	639163 (SKF)	0.44	1.35	0.74
41.275	41.2750	72.1100	19.5580	19.8120	14.7320	2.2000	1.5000	16.2	55.2	68.6	7 000	8 800	0.320	514-873		0.40	1.50	0.83
	1.6250	2.8390	0.7700	0.7800	0.5800	0.0866	0.0591											
41.275	41.2750	73.4310	19.5580	19.8120	14.7320	3.5000	1.3000	16.0	55.5	69.5	4 800	6 300	0.330	LM 501349/LM 501310	K-LM 501349/K-LM 501310	0.40	1.50	0.80
	1.6250	2.8910	0.7700	0.7800	0.5800	0.1400	0.0500											
41.275	41.2750	82.5500	26.5430	25.6540	20.1930	3.5000	3.3000	23.2	73.0	92.5	6 700	8 700	0.580	CBK 387	K-M 802048/K-M 802011	0.55	1.10	0.60
	1.6250	3.2500	1.0450	1.0900	0.7900	0.1400	0.1300											
41.275	41.2750	104.7750	36.5120	36.5120	28.5750	1.6000	3.3000	29.0	142.0	198.0	2 400	3 400	1.690	HM 807035/807010	HM 807035/807010			
44.450	44.4500	82.9310	23.8130	25.4000	19.0500	3.5000	0.8000	17.0	81.5	107.0	4 500	6 000	0.570	25580/25520	K-25580/K-25520	0.33	1.80	1.00
	1.7500	3.2650	0.9375	1.0000	0.7500	0.7400	0.0300											
44.450	44.4500	87.3120	30.1620	30.8860	23.8120	3.5000	3.3000	20.1	94.0	117.0	4 400	5 900	0.779	3578/3525	3578/3525	0.31	1.96	1.08
	1.7500	3.4375	1.1875	1.2160	0.9375	0.1400	0.1300											
44.450	44.4500	88.9000	30.1620	29.3700	23.0200	3.5000	3.4000	26.0	101.0	127.0	4 000	5 300	0.850	HM 803149/HM 803110	HM 803149/HM 803110	0.55	1.10	0.60
44.450	44.4500	95.2500	27.7830	28.5750	22.2250	0.8000	0.8000	20.2	105.0	134.0	5 600	7 000	1.010	CBK 327	K-33885/K-33822	0.33	1.82	1.00
	1.7500	3.7500	1.0938	1.1250	0.8750	0.0300	0.0300											
44.450	44.4500	95.2500	30.9580	28.5750	22.2250	3.6000	0.8000	31.0	102.0	120.0	5 600	7 000	1.130	CBK 334	K-HM 903249/K-HM 903210	0.74	0.81	0.45
	1.7500	3.7500	1.2188	1.1250	0.8750	0.1400	0.0300											
44.450	44.4500	104.7750	36.5120	36.5120	28.5750	3.5000	3.4000	29.0	159.0	223.0	3 600	4 800	1.590	HM 807040/HM 807010	HM 807040/HM 807010	0.49	1.23	0.68
	1.7500	4.1250	1.4375	1.4375	1.1250	0.1400	0.1300											
45.618	45.6180	82.9310	23.8120	25.4000	19.0500	3.6000	0.8000	17.6	81.4	96.0	6 800	8 500	0.570	CBK 349	K-25590/K-25520	0.34	1.79	0.98
	1.7900	3.2650	0.9375	1.0000	0.7500	0.1400	0.0300											
45.987	45.9870	74.9760	18.0000	18.0000	14.0000	1.5000	1.5000	16.0	51.5	70.5	7 000	8 800	0.280	CBK 331A	K-LM 503349/K-LM 503310	0.40	1.49	0.82
	1.8105	2.9518	0.7087	0.7087	0.5512	0.0600	0.0600											
	45.9870	90.9750	32.0000	32.0000	26.5000	3.5000	3.5000	22.0	133.0	172.0	5 000	6 500	0.920	HM204049/10	HM204049/10	0.33	1.80	0.92
	1.8105	3.5817	1.2598	1.2598	1.0433	0.1400	0.1400											
47.625	47.6250	96.8380	21.0000	21.9460	15.8750	0.8000	0.8000	17.5	74.5	76.0	6 000	7 500	0.630	CBK 351	K-386A/K-382A	0.35	1.73	0.95
	1.8750	3.8125	0.8268	0.8640	0.6250	0.0300	0.0300											
49.213	49.2130	103.1880	43.6580	44.4750	36.5120	3.5000	3.3000	27.0	179.0	241.0	3 800	5 000	1.730	5395/5335	5395/5335	0.30	2.02	1.11

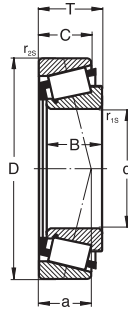


Special and inch size | Specjalne i calowe

SHAFT WAŁEK	DIMENSIONS WYMIARY GŁÓWNE								BASIC LOAD RATING NOŚNOŚĆ		LIMITING SPEEDS OBROTY GRANICZNE		MASS MASA	DESIGNATION OZNACZENIE PODSTAWOWE		LOAD CALCULATION FACTORS Współczynniki obliczeniowe		
	d	D	T	B	C	r _{fs}	r _{rs}	a	dynamic	static	grease	oil		FŁT	Equivalent zamiennik	e	y ₁	y ₀
	mm					min	min	~	DYNAMICZNE C	STATYCZNE C ₀	w smarze	w oleju						
	mm								kN		r/min		kg					
50.000	50.0000	84.0000	22.0000	22.0000	17.5000	3.5000	1.5000	19.7	69.5	94.5	4 300	5 700	0.466	JLM704649/JLM704610	JLM704649/JLM704610	0.44	1.37	0.75
	<i>1.9685</i>	<i>3.3071</i>	<i>0.8661</i>	<i>0.8661</i>	<i>0.6693</i>	<i>0.1400</i>	<i>0.0600</i>											
50.000	50.0000	110.0000	22.0000	21.9960	18.8250	1.5000	1.0000	21.2	91.6	125.0	3 200	4 300	1.050	396A/394A	396A/394A	0.40	1.49	0.80
	<i>1.9685</i>	<i>4.3307</i>	<i>0.8661</i>	<i>0.8600</i>	<i>0.7411</i>	<i>0.0600</i>												
50.800	50.8000	93.2640	30.1620	30.3020	23.8120	3.5000	3.3000	22.0	99.6	138.5	4 000	5 300	0.840	3780/3720	3780/3720	0.34	1.77	0.97
	<i>2.0000</i>	<i>3.6718</i>	<i>1.1875</i>	<i>1.1930</i>	<i>0.9375</i>	<i>0.1378</i>	<i>0.1299</i>											
50.800	50.8000	95.2500	27.7830	28.5750	22.2250	3.5000	0.8000	20.2	105.0	134.0	5 900	7 400	0.900	CBK 322	K-33889/K33822	0.33	1.82	1.00
	<i>2.0000</i>	<i>3.7500</i>	<i>1.0938</i>	<i>1.1250</i>	<i>0.8750</i>	<i>0.1400</i>	<i>0.0300</i>											
50.800	50.8000	100.0000	35.0000	35.0000	27.0000	2.0000	2.0000	25.2	136.0	178.0	5 900	7 400	1.010	CBK 393	331305 (SKF)	0.40	1.50	0.83
50.800	50.8000	104.7750	30.1620	30.9580	23.8120	2.3000	3.3000	23.0	130.0	169.0	3 500	4 700	1.230	45285/45520	45285/45520	0.33	1.80	0.99
	<i>2.0000</i>	<i>4.1250</i>	<i>1.1875</i>	<i>1.2188</i>	<i>0.9375</i>	<i>0.0900</i>	<i>0.1300</i>											
50.800	50.8000	104.7750	36.5120	36.5120	28.5750	3.5000	3.3000	28.6	136.0	202.0	5 000	6 300	1.590	CBK 347	K-HM 807046/K-HM 807010	0.47	1.27	0.70
	<i>2.0000</i>	<i>4.1250</i>	<i>1.4375</i>	<i>1.4375</i>	<i>1.1250</i>	<i>0.1400</i>	<i>0.1300</i>											
57.000	57.0000	85.0000	18.5000	19.0000	14.0000	1.5000	1.5000	20.0	53.0	52.0	3 400	4 500	0.330	CBK 494	639352 (SKF)	0.32	1.80	1.00
57.150	57.1500	104.7750	27.7830	29.3170	24.6050	2.4000	3.3000	23.7	126.0	167.0	4 800	6 000	1.050	CBK 335		0.32	1.88	1.04
	<i>2.2500</i>	<i>4.1250</i>	<i>1.0938</i>	<i>1.1543</i>	<i>0.9688</i>	<i>0.1000</i>	<i>0.1300</i>											
57.150	57.1500	104.7750	30.1620	29.3170	24.6050	2.3000	3.3000	-7.1	117.3	151.9	3 200	4 300	1.230	462/453	462/453	0.34	1.79	0.98
	57.1500	112.7120	30.1620	30.1620	23.8120	3.5000	3.3000	24.4	136.0	172.0	4 800	6 000	1.330	514-765	K-39581/K-39520	0.40	1.48	0.81
	<i>2.2500</i>	<i>4.4375</i>	<i>1.1875</i>	<i>11.8750</i>	<i>0.9375</i>	<i>0.4000</i>	<i>0.1300</i>											
60.000	60.0000	127.0000	36.5130	36.5130	26.9880	3.5000	1.5000	33.0	165.0	228.0	4 500	5 600	2.170	CBK 261	K-HM 813839/K-HM 813810	0.52	1.15	0.63
60.000	60.0000	135.0000	33.5500	30.9500	22.0000	3.0000	2.5000	41.0	143.0	176.0	2 600	3 600	2.500	400371	400371 (CBF)	0.83	0.73	0.40
62.000	62.0000	147.0000	50.1000	46.9250	32.9250	2.0000	3.0000	50.1	252.0	326.0	3 600	4 500	4.040	515-1147		0.82	0.73	0.40
63.500	63.5000	95.0000	17.0000	15.5000	11.5500	2.0000	2.0000	28.5	37.4	54.7	5 000	6 300	0.350	CBK 200	431629 (SKF)	0.78	1.77	0.42
65.000	65.0000	95.0000	17.0000	16.0000	13.0000	1.0000	1.0000	21.1	42.0	64.5	5 000	6 300	0.370	514-683		0.49	1.23	0.68
65.000	65.0000	105.0000	24.0000	23.0000	28.5000	3.0000	1.0000	24.0	94.0	128.0	3 300	4 500	0.810	JLM 710949/JLM 710910	JLM 710949/JLM 710910	0.45	1.32	0.73
	65.0000	120.0000	39.0000	38.5000	32.0000	1.5000	1.5000	28.4	197.0	261.0	4 400	5 500	2.060	CBK-278A		0.34	1.78	0.98
	65.0000	110.0000	28.0000	28.0000	22.5000	3.0000	2.8000	24.5	136.0	191.0	3 400	4 600	1.071	JM511946/JM511910	JM511946/JM511910	0.40	1.49	0.82
	<i>2.5591</i>	<i>4.3307</i>	<i>1.1024</i>	<i>1.1024</i>	<i>0.8858</i>													
66.675	66.6750	110.0000	22.0000	21.9960	18.8240	0.8000	1.3000	18.6	91.5	114.0	4 800	6 000	0.840	CBK 336	K-395A/K-394A	0.40	1.49	0.82
	<i>2.6250</i>	<i>4.3307</i>	<i>0.8661</i>	<i>0.8660</i>	<i>0.7411</i>	<i>0.0300</i>	<i>0.0500</i>											
66.675	66.6750	110.0000	22.0000	21.9960	22.0000	0.8000	1.3000	21.0	88.2	117.9	3 200	4 300	0.840	395A/394A	395A/394A	0.40	1.49	0.82
	<i>2.6250</i>	<i>4.3307</i>	<i>0.8661</i>	<i>0.8660</i>	<i>0.8661</i>	<i>0.0315</i>	<i>0.0512</i>											
66.675	66.6750	110.0000	30.1620	30.0480	23.8120	3.5000	3.3000	25.5	129.0	191.0	3 200	4 300	1.060	3984/3927X	3984/3927X	0.40	1.49	0.82
	<i>2.6250</i>	<i>4.3307</i>	<i>1.1875</i>	<i>1.1830</i>	<i>0.9375</i>	<i>0.1400</i>	<i>0.1300</i>											
66.675	66.6750	112.7120	30.1620	30.0480	23.8120	3.5000	3.3000	25.9	132.0	183.0	4 800	6 000	1.840	CBK 337	K-3984/K-3920	0.41	1.46	0.81
70.000	70.0000	136.5250	46.0380	46.0380	36.5130	2.2000	2.2000	37.5	230.0	356.0	3 800	4 800	3.340	CBK 262	K-H 715347/K-H 715311	0.48	1.24	0.68
	<i>2.7559</i>	<i>5.3750</i>	<i>1.8125</i>	<i>1.8125</i>	<i>1.4375</i>	<i>0.0900</i>	<i>0.0900</i>											
72.000	72.0000	99.2400	17.0000	16.0000	13.0000	1.0000	1.0000	18.9	51.0	82.5	5 000	6 200	0.360	514-685		0.37	1.62	0.89
73.025	73.0250	112.7120	25.4000	25.4000	19.0500	3.5000	3.3000	26.0	97.4	155.2	3 000	4 000	0.880	29685/29620	29685/29620	0.49	1.23	0.68
	<i>2.8750</i>	<i>4.4375</i>	<i>1.0000</i>	<i>1.0000</i>	<i>0.7500</i>	<i>0.1378</i>	<i>0.7299</i>											
73.025	73.0250	112.7120	25.4000	25.4000	19.0500	3.6000	3.3000	25.9	96.0	149.0	4 600	5 800	0.760	CBK 344	K-29685/K-29620	0.49	1.23	0.68
	<i>2.8750</i>	<i>4.4375</i>	<i>1.0000</i>	<i>1.0000</i>	<i>0.7500</i>	<i>0.1400</i>	<i>0.7300</i>											
73.025	73.0250	117.4750	30.1620	30.1620	23.8120	3.5000	3.3000	26.0	119.8	181.1	3 000	4 000	1.170	33287/33462	33287/33462	0.44	1.38	0.76
	<i>2.8750</i>	<i>4.6250</i>	<i>1.1875</i>	<i>1.1875</i>	<i>0.9375</i>	<i>0.7378</i>	<i>0.7299</i>											
75.000	75.0000	115.0000	25.0000	25.0000	19.0000	3.0000	2.5000	25.0	102.8	153.1	2 600	3 600	0.870	JLM714149/JLM714110	JLM714149/JLM714110	0.46	1.31	0.72

F&T Tapered Roller Bearings

łożyska stożkowe

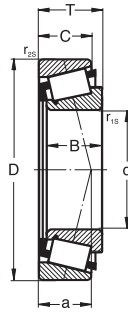


Special and inch size | Specjalne i calowe

SHAFT WAŁEK	DIMENSIONS WYMIARY GŁÓWNE								BASIC LOAD RATING NOŚNOŚĆ		LIMITING SPEEDS OBROTY GRANICZNE		MASS MASA	DESIGNATION OZNACZENIE PODSTAWOWE		LOAD CALCULATION FACTORS Współczynniki obliczeniowe			
	d	D	T	B	C	r _{1s}	r _{2s}	a	dynamic DYNAMICZNE C	static STATYCZNE C ₀	grease w smarze	oil w oleju		~	F&T	Equivalent zamiennik	e	y ₁	y ₀
	mm	mm	mm	mm	mm	min	min	~	kN	kN	r/min	r/min		kg					
75.000	75.0000	120.0000	31.0000	29.5000	25.0000	3.0000	2.5000	29.0	131.0	197.0	2 900	3 900	1.290	JM714249/JM714210	JM714249/JM714210	0.44	1.35	0.74	
	<i>2.9528</i>	<i>4.7244</i>	<i>1.2205</i>	<i>1.1614</i>	<i>0.9843</i>	<i>0.1200</i>	<i>0.1000</i>												
76.200	76.2000	136.5250	30.1630	29.7690	22.2250	3.6000	3.2000	29.0	145.0	220.0	2 400	3 400	1.850	CBK 528	K-495A/K-493	0.44	1.35	0.80	
	<i>3.0000</i>	<i>5.3750</i>	<i>1.1875</i>	<i>1.1720</i>	<i>0.8750</i>	<i>0.7400</i>	<i>0.7300</i>												
76.200	76.2000	139.9920	36.5120	36.0980	28.5750	2.5000	2.0000	30.7	208.0	281.0	3 600	4 500	2.390	515-764	575S/572	0.42	1.43	0.79	
	<i>3.0000</i>	<i>5.5115</i>	<i>7.4375</i>	<i>1.4212</i>	<i>1.1250</i>	<i>0.0984</i>	<i>0.0787</i>												
77.788	77.7880	121.4420	24.6100	23.0220	17.4620	3.5000	2.0000	23.0	94.6	136.0	3 600	4 500	0.910		34306/34478	0.45	1.33	0.73	
	<i>3.0625</i>	<i>4.7812</i>	<i>0.9688</i>	<i>0.9060</i>	<i>0.6875</i>	<i>0.1400</i>	<i>0.0800</i>												
78.000	78.0000	106.0000	17.0000	17.7500	13.1250	2.0000	1.0000	18.7	58.5	97.5	4 800	6 000	0.430	514-874		0.37	1.60	0.88	
80.000	80.0000	130.0000	35.0000	34.0000	28.5000	3.0000	2.5000	30.0	181.0	286.0	2 200	3 200	1.770	515-1210	JM515649/JM515610	0.39	1.55	0.85	
82.000	82.0000	140.0000	36.5120	36.0980	28.5750	10.0000	3.5000	31.0	171.0	252.0	2 200	3 200		515-813		0.40	1.49	0.82	
82.550	82.5500	125.4120	25.4000	25.4000	19.8450	3.6000	1.6000	25.7	113.0	159.0	4 000	6 000	1.120	CBK 338	K-27687/K-27620	0.40	1.49	0.82	
	<i>3.2500</i>	<i>4.9375</i>	<i>1.0000</i>	<i>1.0000</i>	<i>0.7813</i>	<i>0.7400</i>	<i>0.0600</i>												
82.550	82.5500	133.3500	33.3380	33.3380	26.1950	3.5000	3.3000	29.0	142.4	219.3	2 400	3 400	1.690	47686/47620	47686/47620	0.40	1.48	0.82	
	<i>3.2500</i>	<i>5.2500</i>	<i>1.3125</i>	<i>1.3125</i>	<i>1.0373</i>	<i>0.7378</i>	<i>0.7299</i>												
88.900	88.9000	152.4000	39.6880	39.6880	30.1620	6.4000	3.3000	33.9	234.0	325.0	3 400	4 200	2.770	515-745	K-593A/K-592 HM518445/410	0.40	1.49	0.82	
	<i>3.5000</i>	<i>6.0000</i>	<i>1.5625</i>	<i>1.4300</i>	<i>1.1875</i>	<i>0.2500</i>	<i>0.7300</i>												
90.000	90.0000	147.0000	40.0000	40.0000	32.5000	7.0000	3.5000	30.5	226.0	349.0	3 600	4 000	2.400	HM218248/HM218210	K-HM218248/K-HM218210	0.33	1.80	0.99	
90.000	90.0000	145.0000	35.0000	34.0000	27.0000	6.0000	2.5000	33.4	207.0	320.0	2 200	3 200	2.110	515-1211	JM 718149/JM 718110	0.44	1.35	0.74	
90.000	90.0000	147.0000	40.0000	40.0000	32.5000	5.8000	3.5000	30.0	226.0	349.0	2 200	3 200	2.480	515-1005	JP10049/JP10010	0.33	1.80	0.99	
95.000	95.0000	135.0000	20.0000	20.0000	14.0000	5.0000	2.5000	30.9	76.5	133.0	3 600	4 500	0.850	515-838	JL819349/JL819310	0.58	1.03	0.57	
95.250	95.2500	136.5250	122.2350			0.3000	1.0000		318.0	753.0	1 800	2 600	4.707	CBK-184					
96.838	96.8380	148.4300	28.5750	28.9710	21.4330	3.5000	3.5000	31.0	130.0	196.0	2 200	3 200	1.650	CBK-529	K-42381/K-42584	0.49	1.20	0.70	
	<i>3.8725</i>	<i>5.8937</i>	<i>1.1250</i>	<i>1.1406</i>	<i>0.8438</i>	<i>0.7400</i>	<i>0.7400</i>												
99.974	99.9740	156.9750	42.0000	42.0000	34.0000	8.0000	3.5000	32.0	257.0	420.0	2 000	3 000	2.820	HM220149/HM220110	HM220149/HM220110	0.33	1.80	0.99	
100.000	100.0000	160.0000	41.0000	40.0000	32.0000	2.0000	2.0000	38.4	251.0	396.0	3 200	4 000	3.110	CBK 263	K-JHM 720249/K-JHM 720210	0.46	1.31	0.72	
100.000	100.0000	145.0000	24.0000	22.5000	17.5000	3.0000	3.0000	30.0	113.0	165.0	2 000	3 000	1.130	JP10049/JP10010	JP10049/JP10010	0.47	1.27	0.70	
107.950	107.9500	158.7500	23.0200	21.4380	15.8750	3.5000	3.3000	37.0	107.0	164.0	3 200	4 000	1.430	CBK 339	K-37425/K-37625	0.62	0.98	0.54	
	<i>4.2500</i>	<i>6.2500</i>	<i>0.9063</i>	<i>0.8440</i>	<i>0.6250</i>	<i>0.7400</i>	<i>0.7300</i>												
109.539	109.5390	158.7500	23.0200	21.4380	15.8750	3.5000	3.3000	37.0	107.0	164.0	3 200	4 000	1.280	515-761	37431 A/37625	0.62	0.98	0.54	
	<i>4.3125</i>	<i>6.2500</i>	<i>0.9063</i>	<i>0.8440</i>	<i>0.6250</i>	<i>0.7400</i>	<i>0.7300</i>												
110.000	110.0000	180.0000	41.2750	41.2750	30.1630	3.5000	3.3000	42.0	264.0	432.0	2 900	3 600	3.760	CBK 264	K-64432/K-64708	0.50	1.20	0.66	
110.000	110.0000	165.0000	35.0000	35.0000	26.5000	5.0000	2.5000	32.0	200.0	352.0	1 800	2 600	2.450	JM822049/JM822010	JM822049/JM822010	0.50	1.20	0.66	
114.300	114.3000	177.8000	41.2750	41.2750	30.1620	3.5000	3.3000	42.4	232.0	375.0	1 800	2 600	3.500		64450/64700	0.52	1.20	0.64	
	<i>4.5000</i>	<i>7.0000</i>	<i>1.6250</i>	<i>1.6250</i>	<i>1.1875</i>	<i>0.1400</i>	<i>0.1300</i>												
120.000	120.0000	170.0000	27.0000	25.0000	19.5000	3.0000	3.0000	35.0	178.0	283.0	1 800	2 600	1.700	JP12049/JP 12010	JP12049/JP 12010	0.47	1.27	0.70	
130.000	130.0000	185.0000	29.0000	27.0000	21.0000	3.0000	3.0000	8.9	181.5	290.0	1 800	2 600	2.160	JP13049/JP13010	JP13049/JP13010	0.47	1.27	0.70	
133.350	133.3500	177.0080	25.4000	26.1950	20.6380	1.5000	1.5000	29.2	139.0	288.0	1 900	2 400	1.720	515-1106	L327249/L327210	0.35	1.72	0.95	
140.000	140.0000	195.0000	29.0000	27.0000	21.0000	3.0000	3.0000	11.9	206.1	344.0	1 700	2 300	2.310	JP14049A/JP14010	JP14049A/JP14010	0.50	1.19	0.66	
142.875	142.8750	200.0250	41.2750	39.6880	34.1300	8.0000	3.3000	38.0	277.0	535.0	1 600	2 100	3.740	48684/48620	48684/48620	0.34	1.78	1.00	
146.050	146.0500	193.6750	28.5750	28.5750	23.0200	1.5000	1.5000	33.5	176.0	374.0	2 500	3 100	2.300	515-822	36690/36620	0.37	1.62	0.89	
152.400	152.4000	192.0880	25.0000	24.0000	19.0000	2.0000	2.0000	35.0	130.0	261.0	1 600	2 100	1.530	L630349/L630310	L630349/L630310	0.42	1.44	0.79	
	<i>6.0000</i>	<i>7.5625</i>	<i>0.9843</i>	<i>0.9449</i>	<i>0.7480</i>	<i>0.0800</i>	<i>0.0800</i>												
158.750	158.7500	205.5830	23.8120	23.8120	18.2580	1.5000	1.5000	33.0	160.0	274.0	2 400	3 000	1.930	516-819	L-432349/L-432310	0.37	1.60	0.88	
177.800	177.8000	215.9000	20.6380	20.6380	15.0830	1.5000	1.5000	3.0	125.8	232.2	1 800	2 500	1.440	LL735449/10		0.45	1.33	0.73	

FŁT Tapered Roller Bearings

łożyska stożkowe



Special and inch size | Specjalne i calowe

SHAFT WAŁEK	DIMENSIONS WYMIARY GŁÓWNE								BASIC LOAD RATING NOŚNOŚĆ		LIMITING SPEEDS OBROTY GRANICZNE		MASS MASA	DESIGNATION OZNACZENIE PODSTAWOWE		LOAD CALCULATION FACTORS Współczynniki obliczeniowe			
	d	D	T	B	C	r _{1s}	r _{2s}	a	dynamic DYNAMICZNE C	static STATYCZNE C ₀	grease w smarze	oil w oleju		~	FŁT	Equivalent zamiennik	e	y ₁	y ₀
	mm	mm	mm	mm	mm	min	min	~	kN	kN	r/min	r/min		kg					
196.850	196.8500	241.3000	23.8120	23.0170	17.4620	1.5000	1.5000	17.5	154.8	321.6	1 000	1 500	2.120	LL639249/LL639210	LL639249/LL639210	0.42	1.44	0.79	
	196.8500	254.0000	28.5750	27.7830	21.4330	1.5000	1.5000	14.2	180.5	365.9	1 000	1 500	3.370	L540049/L540010	L540049/L540010	0.40	1.51	0.83	
215.900	215.9000	290.0100	31.7500	31.7500	22.2250	3.5000	3.3000	13.0	284.0	493.0	1 000	1 500	5.530	543085/543114	543085/543114	0.39	1.50	0.80	
231.775	231.7750	317.5000	47.6250	52.3880	36.5120	3.2000	3.2000	49.9	500.0	980.0	1 300	2 000	10.500	LM245848/LM245810	LM245848/LM245810	0.31	1.90	1.10	
247.650	247.6500	346.0750	63.5000	63.5000	50.8000	6.4000	6.4000	62.2	682.0	1 390.0	850	1 200	17.400	M348499/M348410	M348499/M348410	0.34	1.75	0.97	
254.000	254.0000	315.9130	31.7500	31.7500	22.2250	3.6000	3.3000	10.0	245.0	554.0	1 000	1 600	5.070	LL648449/15X1		0.44	1.35	0.70	
275.000	275.0000	352.4250	36.5130	40.0000	23.8130	3.5000	3.3000	34.0	260.0	565.0	1 100	1 700	25.000	L853048/10X1		0.54	1.11	0.61	
288.925	288.9250	406.4000	77.7880	77.7880	60.3250	6.4000	3.3000	82.0	856.0	1 840.0	1 100	1 600	30.200	M255449/10		0.34	1.77	0.98	
292.100	292.1000	374.6500	47.6250	47.6250	34.9250	3.5000	3.5000	30.0	463.0	1 041.0	1 100	1 600	11.800	L555249/10X1		40.00	1.50	0.83	
304.800	304.8000	393.7000	50.8000	50.8000	38.1000	6.4000	3.0000	61.5	590.0	1 320.0	1 000	1 500	14.500	517-1208	L357049/L357010	0.36	1.67	0.92	
330.200	330.2000	415.9250	47.6250	47.6250	34.9250	3.5000	3.3000	12.0	468.0	1 132.0	800	1 100	14.100	L860049/10X1		0.50	1.19	0.65	
355.600	355.6000	444.5000	60.3250	60.3250	47.6250	3.5000	3.3000	67.9	660.0	1 660.0	630	850	20.600		L163149/L163110	0.31	2.00	1.10	
381.000	381.0000	479.4250	49.2130	47.6000	34.9000	6.4000	3.3000	91.9	595.0	1 450.0	600	800	18.200	518-1206		0.50	1.21	0.67	
381.050	381.0500	479.4750	49.2130	47.6250	34.9250	8.0000	3.2000	42.5	443.0	1 070.0	600	800	20.000	CBK-433	L865547/L865512	0.49	1.21	0.67	
406.400	406.4000	508.0000	61.9120	61.9120	47.6250	3.3000	3.3000	20.3	842.0	2 230.0	670	900	26.300	L467549/L467510	L467549/L467510	0.37	1.64	0.89	
409.575	409.5750	546.1000	87.3120	87.3120	68.2620	6.4000	6.4000	17.7	1 360.0	3 200.0	260	360	54.800	518-1141	M667948/667911	0.42	1.44	0.79	
536.575	536.5750	820.0000	152.0000	146.0000	112.0000	6.0000	5.0000	9.0	3 950.0	7 960.0			273.000	518-1142		0.43	1.41	0.78	
635.000	635.0000	933.4500	179.3880	177.8000	141.2880	11.9000	6.4000	-14.0	5 080.0	11 600.0			410.000	518-1144		0.33	1.80	0.99	