

Tapered roller bearings, single row, inch dimensions

Dimensions					r <sub>15,2s</sub> min.	r <sub>3s,4s</sub> min.	D <sub>1</sub> min.	b	a	Designation	Basic radial load. Factors				Speed limit		Equivalence Timken designation	Weight Kg	
d	D	B	C	T							dyn. C <sub>r</sub>	e	Y	stat. C <sub>0r</sub>	Y <sub>0</sub>	grease min <sup>-1</sup>			oil min <sup>-1</sup>
mm	mm	mm	mm	mm							KN	-	-	KN	-	min <sup>-1</sup>			min <sup>-1</sup>
11.112	34.988	10.988	8.73	10.998	1.3	1.3	-	-	9	34101	12	0.45	1.3	11.85	0.7	11000	15000	A4044/A4138	0.055
12.7	34.988	10.988	8.73	10.998	1.3	1.3	-	-	9	34001	12	0.45	1.3	11.85	0.7	10000	15000	A4050/4138	0.058
14.989	34.988	10.988	8.73	10.998	0.8	1.3	-	-	9	34002	12	0.45	1.3	11.85	0.7	10000	14000	A4059/4138	0.063
17.462	39.878	14.605	10.668	13.843	1.3	1.3	-	-	9	34103*	19.8	0.29	2.1	21.1	1.2	8500	12000	LM11749/LM11710	0.081
19.05	45.237	16.637	12.065	15.494	1.3	1.3	-	-	10	34004	25.5	0.3	2	25.1	1.1	7500	11000	LM11949/LM11910	0.123
	45.237	16.637	12.065	15.494	1.3	1.3	-	-	10	T-34004	25.5	0.3	2	25.1	1.1	7500	11000	LM11949/LM11910	0.123
	49.225	19.05	14.288	18.034	1.3	1.3	-	-	11	34404	31.1	0.27	2.3	33.1	1.2	7000	10000	09067/09195	0.16
21.43	50.005	18.288	13.97	17.526	1.3	1.3	-	-	11	34204	34.1	0.28	2.2	38	1.2	7000	10000	M12649/M12610	0.16
	50.005	18.288	13.97	17.526	1.3	1.3	-	-	11	T-34204	34.9	0.28	2.2	35.27	1.2	7000	10000	M12649/M12610	0.18
21.986	45.237	16.637	12.065	15.494	1.3	1.3	-	-	10	34304	25.2	0.31	2	27.7	1.1	7500	10000	LM12749/LM12710	0.122
	45.237	16.637	12.065	15.494	1.3	1.3	-	-	10	T-34304	25.2	0.31	2	27.7	1.1	7500	10000	LM12749/LM12710	0.122
	45.974	16.637	12.065	15.494	1.3	1.3	-	-	10	34504	25.2	0.31	2	27.7	1.1	7000	10000	LM12749/LM12711	0.123
25	51.994	14.26	12.7	15.011	1.5	1.3	-	-	12	34405	23.7	0.4	1.5	27.5	0.8	6300	9000	07097/07204	0.14
25.4	50.005	14.26	9.525	13.495	1	1	-	-	11	34305	23.7	0.4	1.5	27.5	0.8	6300	9500	07100/07196	0.115
	50.292	14.732	10.668	14.224	1.3	1.3	-	-	11	34105	23.4	0.37	1.6	25.91	0.9	6300	9000	L44643/L44610	0.125
	50.292	14.732	10.668	14.224	1.3	1.3	-	-	11	T-34105	23.4	0.37	1.6	25.91	0.9	6300	9000	L44643/L44610	0.125
26.988	50.292	14.732	10.668	14.224	3.5	1.3	-	-	11	34205	23.4	0.37	1.6	25.91	0.9	6300	9000	L44649/L44610	0.115
	50.292	14.732	10.668	14.224	3.5	1.3	-	-	11	T-34205	23.4	0.37	1.6	25.91	0.9	6300	9000	L44649/L44610	0.115
29	50.292	14.732	10.668	14.224	3.5	1.3	-	-	11	34406	24.1	0.37	1.6	32.2	0.9	6300	9000	L45449/L45410	0.115
31.75	59.131	16.764	11.811	15.875	*	1.3	-	-	13	34206	31.1	0.41	1.5	35.91	0.8	5300	7500	LM67048/LM67010	0.18
	59.131	16.764	11.811	15.875	*	1.3	-	-	13	T-34206	31.1	0.41	1.5	35.91	0.8	5300	7500	LM67048/LM67010	0.18
	62	19.05	14.288	18.161	3.5	1.3	-	-	13	T-34606	43.9	0.35	1.7	49.71	0.9	5300	7500	15123/15245	0.228
34.925	65.088	18.288	13.97	18.034	*	1.3	-	-	14	34107	42.9	0.38	1.6	50.7	0.9	4800	7000	LM48548/LM48510	0.248
	65.088	18.288	13.97	18.034	*	1.3	-	-	14	T-34107	42.9	0.38	1.6	50.7	0.9	4800	7000	LM48548/LM48510	0.248
	72.233	25.4	19.842	25.4	2.3	2.3	-	-	21	34207	66.5	0.55	1.1	86.61	0.6	4500	6700	HM88649/HM88610	0.487
	76.2	28.575	23.02	29.37	3.5	3.3	-	-	23	34407	72.5	0.55	1.1	97.9	0.6	4500	6300	HM89446/HM89410	0.57
34.988	59.131	16.764	11.938	15.875	*	1.3	-	-	13	34307	30.1	0.42	1.4	38.84	0.8	5300	7500	L68149/L68110	0.17
	59.131	16.764	11.938	15.875	*	1.3	-	-	13	T-34307	30.1	0.42	1.4	38.84	0.8	5300	7500	L68149/L68110	0.17
	59.974	16.764	11.938	15.875	*	1.3	-	-	13	34507	30.1	0.42	1.4	38.84	0.8	5300	7500	L68149/L68111	0.18
	59.974	16.764	11.938	15.875	*	1.3	-	-	13	T-34507	30.1	0.42	1.4	38.84	0.8	5300	7500	L68149/L68111	0.18
38	63	17	13.5	17	*	1.3	-	-	14	34408	32.9	0.42	1.4	43.8	0.8	4800	7000	JL69349/JL69310	0.221
	63	17	13.5	17	*	1.3	-	-	14	T-34408	32.9	0.42	1.4	43.79	0.8	4800	7000	JL69349/JL69310	0.221
38.1	65.088	18.288	13.97	18.04	2.3	1.3	-	-	13	34008	38.4	0.33	1.8	48.72	1	4800	6700	LM29749/LM29710	0.227
	79.375	29.771	23.812	29.37	3.5	3.3	-	-	20	34208	79.3	0.36	1.6	103	0.9	4300	6000	3490/3420	0.55
39.688	73.025	22.098	21.336	25.654	0.8	2.3	-	-	18	34508	57.5	0.33	1.8	72	1	4300	6300	M201047/M201011	0.46
41.275	73.431	19.812	14.732	19.559	3.5	0.8	-	-	16	34608	48.6	0.4	1.5	64.3	0.8	4300	6000	LM501349/LM501310	0.32
44.45	73.025	18.258	15.083	18.258	1.5	1.5	-	-	14	34609	47	0.32	1.9	68.9	1	4300	6000	L102849/L102810	0.3
	82.931	25.4	19.05	23.812	3.6	0.8	-	-	18	T-34609	75.7	0.33	1.8	95.1	1	3800	5600	25581/25520	0.554
	95.25	28.575	22.225	27.783	0.8	0.8	-	-	20	34109	96.8	0.33	1.8	127	1	3600	5000	33885/33822	0.97
45.242	73.431	19.812	15.748	19.558	3.5	0.8	-	-	15	34209	48.5	0.31	2	66.4	1.1	4000	6000	LM102949/LM102910	0.3
	82.931	25.4	19.05	23.812	3.5	0.8	-	-	18	37009	70	0.33	1.8	95.2	1	3800	5300	25590/25520	0.55
45.618	82.931	25.4	22.225	26.988	3.5	2.3	-	-	19	34709	70	0.33	1.8	95.2	1	3800	5300	25590/25523	0.58
	82.931	25.4	22.225	26.988	3.5	2.3	-	-	19	T-34709	70	0.33	1.8	95.2	1	3800	5300	25590/25523	0.58
46.038	85.001	25.608	20.638	25.4	0.8	1.3	-	-	19	34509	68.3	0.35	1.7	97	1	3800	5300	2984A/2924	0.6
47.625	93.264	30.302	23.813	30.163	3.5	0.8	-	-	21	34410	98	0.34	1.8	128	1	3400	5000	3779/3730	0.905
	93.264	30.302	23.813	30.163	3.5	0.8	-	-	21	T-34410	98	0.34	1.8	128	1	3400	5000	3779/3730	0.905
50	90	22.225	15.875	8.887	2	0.8	94.661	4.762	16	34010RP5	74.3	0.32	1.9	87.26	1	3400	5000	365/362 B cl.3	0.554
50.8	82.55	22.225	16.51	21.59	3.5	1.3	-	-	16	34710	65.2	0.31	2	86.2	1.1	3600	5300	LM104949/LM104911	0.411
	92.075	25.4	19.845	24.608	3.5	0.8	-	-	20	34809	71	0.38	1.6	103	0.9	3400	4800	28580/28521	0.69
	95.25	28.575	22.225	27.783	3.5	0.8	-	-	20	34210	102	0.33	1.8	135	1	3400	4800	33889/33822	0.86
	97.63	24.608	19.446	9.124	3.5	0.8	101.549	3.962	21	34510R	101	0.4	1.5	147	0.8	3400	4800	28678/28622B	0.85
	107.95	29.317	22.25	27.783	2.3	0.8	-	-	21	34909	97.8	0.34	1.8	134	1	3000	4500	462/453A	1.1
53.975	123.83	32.791	25.4	17.462	3.5	3.3	130.073	6.35	37	34011R	143	0.74	0.8	162	0.4	2800	4000	72212/72487 B	2.12
	104.78	29.317	24.605	30.162	2.3	3.3	-	-	23	34511	97.8	0.34	1.8	134	1	3000	4300	462A/453 X	1.1
57.15	110	29.317	27	27.795	3.5	2	-	-	24	34311	109	0.34	1.8	139	1	3000	4300	462/454	1.22
	110	29.317	27	27.795	3.5	2	-	-	24	T-34311	109	0.34	1.8	139	1	3000	4300	462/454	1.22
	112.71	30.162	23.812	30.162	8	3.3	-	-	23	34411	130	0.34	1.8	196	1	2800	4000	39581/39520	1.03
	60.325	127	36.512	26.988	36.512	3.5	3.3	-	-	32	T-34012	161	0.5	1.2	226	0.7	2600	3800	HM813841/HM813810
63.485	95	15.5	12	17	1	1	-	-	28	34112	42.3	0.78	0.8						

Dimensions				Designation	Basic radial load. Factors					Speed limit		Equivalence Timken designation	Weight Kg						
d	D	B	C		T	r <sub>1s,2s</sub> min.	r <sub>3s,4s</sub> min.	D <sub>1</sub> min.	b	a	dyn. C <sub>r</sub>			e	Y	stat. C <sub>0r</sub>	Y <sub>0</sub>	grease min <sup>-1</sup>	oil min <sup>-1</sup>
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	-	-	-	KN	-	KN	-	-		
73.025	127	36.17	28.575	36.512	3.5	3.3	-	-	28	<b>34414P5</b>	161	0.36	1.7	226	0.9	2400	3400	<b>567/563 cl.3</b>	2.68
	146.05	41.275	31.75	41.275	3.5	3.3	-	-	34	<b>34315</b>	213	0.41	1.5	307	0.8	2200	3200	<b>657/653</b>	3.31
	146.05	41.275	31.75	41.275	3.5	3.3	-	-	34	<b>T-34315</b>	213	0.41	1.5	307	0.8	2200	3200	<b>657/653</b>	3.31
76.2	139.99	36.098	28.575	36.512	3.5	3.3	-	-	31	<b>34115</b>	184	0.4	1.5	239	0.8	2200	3200	<b>575/572</b>	2.35
	161.93	55.1	42.862	53.975	3.5	3.3	-	-	40	<b>34415</b>	327	0.4	1.5	448	0.8	2000	3000	<b>6576/6535</b>	5.37
	161.93	55.1	42.862	53.975	3.5	3.3	-	-	40	<b>T-34415</b>	327	0.4	1.5	448	0.8	2000	3000	<b>6576/6535</b>	5.37
77.788	120	23.012	16	23	3.5	2.3	-	-	24	<b>34316</b>	84.9	0.45	1.3	117	0.7	2400	3600	<b>34306/34472X</b>	0.836
	120	23.012	16	23	3.5	2.3	-	-	24	<b>T-34316</b>	84.9	0.45	1.3	117	0.7	2400	3600	<b>34306/34472X</b>	0.836
	127	25	22	27.25	2.5	2.5	-	-	28	<b>34016P5</b>	142	0.44	1.4	180	0.8	2400	3400	-	1.22
82.55	133.35	29.769	25.4	33.338	3.5	3.3	-	-	31	<b>34117AP4</b>	135	0.45	1.3	203	0.7	2200	3200	-	1.43
	139.99	36.098	28.575	36.512	3.5	3.3	-	-	31	<b>34616</b>	168	0.4	1.5	247	0.8	2200	3200	<b>580/572</b>	2.13
	146.05	41.275	31.75	41.275	3.5	3.3	-	-	34	<b>34516</b>	201	0.41	1.5	286	0.8	2200	3000	<b>663/653</b>	2.73
	161.93	48.26	38.1	47.625	3.5	3.3	-	-	35	<b>34216</b>	272	0.34	1.8	358	1	2000	2800	<b>757/752</b>	4.7
	161.93	48.26	38.1	47.625	3.5	3.3	-	-	35	<b>T-34216</b>	272	0.34	1.8	358	1	2000	2800	<b>757/752</b>	4.7
84.138	133.35	29.769	25.4	33.338	3.5	3.3	-	-	31	<b>34117BP4</b>	135	0.45	1.3	203	0.7	2200	3200	-	1.38
85.725	133.35	29.769	25.4	33.338	3.5	3.3	-	-	31	<b>34117P4</b>	135	0.45	1.3	203	0.7	2200	3200	<b>497/492Wcl.0</b>	1.34
	146.05	41.275	31.75	41.275	6.4	3.3	-	-	34	<b>34017P4</b>	213	0.41	1.5	307	0.8	2200	3000	<b>665A/653 cl.0</b>	2.6
88.9	152.4	39.688	30.162	39.688	6.4	3.3	-	-	34	<b>34018</b>	235	0.4	1.5	338	0.8	2000	3000	<b>HM518445/HM518410</b>	2.8
	190.5	57.531	46.038	57.15	8	3.3	-	-	41	<b>T-34318</b>	395	0.34	1.8	526	1	1800	2600	<b>HM221434/HM221410</b>	8.85
89.974	146.98	40	32.5	40	7	3.5	-	-	31	<b>34118</b>	220	0.33	1.8	386	1	2000	3000	<b>HM218248/HM218210</b>	2.59
92	140	30	22	30	3.5	1.5	-	-	32	<b>34418</b>	140	0.48	1.3	213	0.7	2200	3000	<b>LM718947/XC18140D</b>	1.52
	140	30	22	30	3.5	1.5	-	-	32	<b>T-34418</b>	140	0.48	1.3	213	0.7	2200	3000	<b>LM718947/XC18140D</b>	1.52
	152.4	39.688	30.162	39.688	6.4	3.3	-	-	34	<b>34518</b>	235	0.4	1.5	338	0.8	2000	2800	-	2.8
92.075	152.4	36.322	30.162	39.688	6.4	3.3	-	-	35	<b>34618</b>	174	0.44	1.4	268	0.7	2000	2800	<b>598A/592 A</b>	2.59
	171.45	48.26	38.1	47.625	3.5	3.3	-	-	37	<b>34218</b>	305	0.37	1.6	416	0.9	1900	2600	<b>77362/77675</b>	4.79
	171.45	48.26	38.1	47.625	3.5	3.3	-	-	37	<b>T-34218</b>	305	0.37	1.6	416	0.9	1900	2600	<b>77362/77675</b>	4.79
95.25	148.43	28.971	21.433	28.575	3	3	-	-	33	<b>34119</b>	136	0.49	1.2	416	0.7	2000	2800	<b>42375/42584</b>	1.72
	148.43	28.971	21.433	28.575	3	3	-	-	33	<b>T-34119</b>	136	0.49	1.2	416	0.7	2000	2800	<b>42375/42584</b>	1.72
	152.4	36.322	30.162	15.875	3.5	3.3	158.648	6.35	35	<b>34019RP4</b>	204	0.44	1.4	313	0.7	2000	2800	<b>594/592B cl.0</b>	2.64
96.838	149.23	28.971	24.608	12.7	3.5	3.3	154.681	5.558	34	<b>34319RP5</b>	136	0.49	1.2	210	0.7	2000	2800	<b>42381/42587 B cl.3</b>	1.74
100.01	157.16	36.116	26.195	36.512	3.5	3.3	-	-	36	<b>34120P4</b>	142	0.47	1.3	195	0.7	1900	2800	<b>52393/52618 cl.0</b>	2.47
101.6	180.98	48.006	38.1	17.462	3.5	3.3	188.798	7.938	40	<b>34020RP4</b>	321	0.39	1.6	462	0.9	1700	2400	<b>780/772 B cl.0</b>	5.5
	212.73	66.675	53.975	66.675	7	3.3	-	-	48	<b>34220</b>	557	0.33	1.8	783	1	1600	2200	<b>HH224335/HH224310</b>	11.1
	212.73	66.675	53.975	66.675	7	3.3	-	-	48	<b>T-34220</b>	557	0.33	1.8	783	1	1600	2200	<b>HH224335/HH224310</b>	11.1
120.65	174.63	36.512	27.783	35.72	3.5	1.5	-	-	32	<b>34124</b>	220	0.33	1.8	375	1	1700	2400	<b>M224749/M224710</b>	2.7
	174.63	36.512	27.783	35.72	3.5	1.5	-	-	32	<b>T-34124</b>	220	0.33	1.8	375	1	1700	2400	<b>M224749/M224710</b>	2.7
	206.38	47.625	34.925	47.625	3.5	3.5	-	-	45	<b>34024</b>	317	0.46	1.3	525	0.7	1500	2200	<b>795/792</b>	6.1
127	215.9	47.625	34.925	47.625	3.5	3.3	-	-	49	<b>34025</b>	308	0.49	1.2	523	0.7	1400	2000	<b>74500/74850</b>	6.97
130	234.95	63.5	49.213	63.5	6	3.3	-	-	50	<b>34026</b>	507	0.36	1.6	784	0.9	1300	1900	<b>95512/95925</b>	11.3
133.35	215.9	47.625	34.925	20.638	3.5	3.3	223.733	7.938	49	<b>34027RP4</b>	313	0.49	1.2	528	0.7	1400	2000	<b>74525/74850 B cl.0</b>	6.78
136.53	215.9	47.625	34.925	20.638	3.5	3.3	223.733	7.938	49	<b>34127RP4</b>	313	0.49	1.2	528	0.7	1400	2000	<b>74525/74850 B cl.0</b>	6.53
139.7	215.9	47.625	34.925	20.638	3.5	3.3	223.733	7.938	49	<b>34028R</b>	310	0.49	1.2	531	0.7	1400	2000	<b>74550/74850 B</b>	6.17
	215.9	47.625	34.925	20.638	3.5	3.3	223.733	7.938	49	<b>34028RP4</b>	310	0.49	1.2	531	0.7	1400	2000	<b>74550/74850 Bcl.0</b>	6.17
	215.9	47.625	34.925	47.625	3.5	3.3	-	-	49	<b>34028</b>	310	0.49	1.2	531	0.7	1400	2000	<b>74550/74850</b>	6.08
	215.9	47.625	34.925	47.625	3.5	3.3	-	-	49	<b>34028P4</b>	310	0.49	1.2	531	0.7	1400	2000	<b>74550/74850 cl.0</b>	6.08
158.75	225.43	39.688	33.338	13.495	3.5	3.3	230.881	5.558	43	<b>34132RP4</b>	305	0.38	1.6	541	0.9	1300	1800	<b>46780/46720B cl.0</b>	5.4
	225.43	39.688	33.338	41.275	3.5	3.3	-	-	43	<b>34132P4</b>	305	0.38	1.6	541	0.9	1300	1800	<b>46780/46720 cl.0</b>	5.35
180	250	45	37	47	3	3	-	-	55	<b>34036</b>	334	0.48	1.3	703	0.7	1100	1600	<b>JM736149/JM36110</b>	7.85
196.85	254	27.783	21.433	28.575	1.5	1.5	-	-	41	<b>34039</b>	170	0.39	1.5	334	0.9	1100	1600	<b>L540049/L540010</b>	3.32
203.2	261.14	27.783	21.433	28.575	1.5	1.5	-	-	44	<b>34040P4</b>	174	0.41	1.5	353	0.8	1100	1500	<b>LL641149/LL641110</b>	3.56
209.55	282.58	46.038	36.512	46.038	3.5	3.3	-	-	62	<b>34142</b>	331	0.51	1.2	661	0.6	1000	1400	<b>67989/67920</b>	8.84
209.55	317.5	63.5	46.038	63.5	4.3	3.3	-	-	62	<b>T-34042MP5</b>	651	0.52	1.2	1098	0.6	950	1300	<b>93825/93125 cl.3</b>	18.5
234.95	327.03	52.388	36.512	52.388	6.4	3.3	-	-	59	<b>34047</b>	468	0.41	1.5	934	0.8	850	1200	<b>8575/8520</b>	12.3
	327.03	52.388	36.512	52.388	6.4	3.3	-	-	59	<b>34047P5</b>	468	0.41	1.5	934	0.8	850	1200	<b>8575/8520 cl.3</b>	12.3
241.3	327.03	52.388	36.512	25.4	6.4	3.3	336.448	9.525	59	<b>34048R</b>	468	0.41	1.5	934	0.8	850	1200	<b>8578/8520B</b>	11.99
	327.03	52.388	36.512	25.4	6.4	3.3	336.448	9.525	59	<b>34048RP5</b>	468	0.41	1.5	934	0.8	850	1200	<b>8578/8520Bcl.3</b>	11.9

