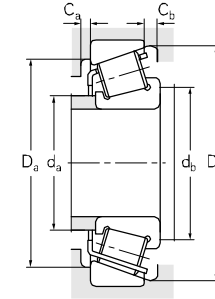
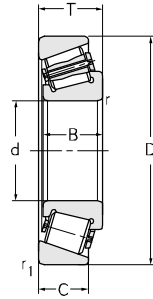
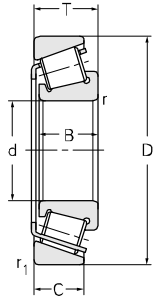


Single-row Tapered Roller Bearing(Inch)

d 63.5-69.85 mm



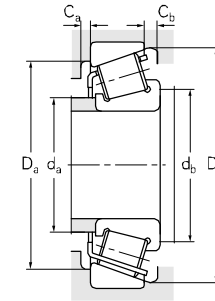
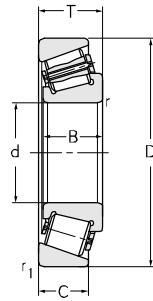
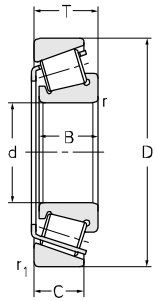
Principal dimensions											
d		D		T		B		C		r _{min}	R _{min}
mm	in	mm	in	mm	in	mm	in	mm	in	mm	
63.5		136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5
		136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5
65.088	2.563	135.755	5.345	53.975	2.125	56.007	2.205	44.45	1.75	3.3	3.5
66.675	2.625	107.95	4.25	25.4	1	25.4	1	19.05	0.75	0.8	3.5
		107.95	4.25	25.4	1	25.4	1	19.05	0.75	0.8	3.5
		110	4.331	22	0.866	21.996	0.866	18.824	0.741	1.3	0.8
		110	4.331	22	0.866	21.996	0.866	18.824	0.741	1.3	0.8
		110	4.331	22	0.866	21.996	0.866	18.824	0.741	1.3	3.5
		112.712	4.437	26.967	1.062	21.996	0.866	23.812	0.937	3.3	0.8
		112.712	4.437	30.162	1.187	30.162	1.187	23.812	0.937	3.3	3.5
		112.712	4.437	30.162	1.187	30.162	1.187	23.812	0.937	3.3	3.5
		117.475	4.625	30.162	1.187	30.162	1.187	23.812	0.937	3.3	3.5
		122.238	4.813	38.1	1.5	38.354	1.51	29.718	1.17	SP	SP
		122.238	4.813	38.1	1.5	38.354	1.51	29.718	1.17	1.5	3.5
		122.238	4.813	38.1	1.5	38.354	1.51	29.718	1.17	3.3	3.6
		122.238	4.813	38.1	1.5	38.354	1.51	29.718	1.17	3.3	3.5
		122.238	4.813	38.1	1.5	38.354	1.51	29.718	1.17	3.3	3.5
		122.238	4.813	38.1	1.5	38.354	1.51	29.718	1.17	3.3	3.5
		127	5	36.512	1.437	36.512	1.437	26.988	1.063	3.3	3.5
		136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5
		135.755	5.345	53.975	2.125	56.007	2.205	44.45	1.75	3.3	4.3
		136.525	5.375	46.038	1.813	46.038	1.813	36.512	1.437	3.3	3.5
		136.525	5.375	46.038	1.813	46.038	1.813	36.512	1.437	3.3	3.5
68.262	2.687	136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5
		136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5
		136.525	5.375	46.038	1.813	46.038	1.813	36.512	1.437	3.3	3.5
		161.925	6.375	49.212	1.937	46.038	1.813	31.75	1.25	3.3	3.5
69.85	2.75	112.712	4.437	25.4	1	25.4	1	19.05	0.75	3.3	1.5
		117.475	4.625	30.162	1.187	30.162	1.187	23.812	0.937	3.3	3.5

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{Or}	Grease	Oil		e	Y	Yo	a	
kN		r/min							kg
264	340	2800	3800	KH414235A6/KH414210B2	0.36	1.66	0.91	30	2.96
264	340	2800	3800	KH414235/KH414210	0.36	1.66	0.91	30	3.03
280	400	2600	3400	K6379/K6320	0.32	1.88	1.02	36	3.63
92.5	141	2800	3800	K29590A6/K29522	0.46	1.31	0.72	24	0.853
92.5	141	2800	3800	K29590/K29522	0.46	1.31	0.72	18	0.853
90	117	2800	3800	K395A/K394A	0.4	1.49	0.82	21	0.797
90	117	2800	3800	K395A/K394A-3	0.4	1.49	0.82	21	0.797
90	117	2800	3800	K395S/K394A	0.4	1.49	0.82	21	0.397
90	117	2800	3800	K395A/K3920	0.4	1.49	0.82	26	0.981
121	183	2800	3800	K39590/K39520	0.35	1.7	0.93	24	1.23
141	201	2800	3800	K39590SH/K39520SH	0.35	1.7	0.93	24	1.23
123	180	2800	3800	K33262/K33462	0.44	1.38	0.76	28	1.37
233	154	2600	3400	KHM212049A6/KHM212010A6	0.34	1.78	0.98	27	1.90
233	154	2800	3800	KHM212049/KHM212010	0.34	1.78	0.98	27	1.90
233	154	2800	3800	KHM212049/KHM212011	0.34	1.78	0.98	24	1.90
233	154	2600	3400	KHM212049/KHM212011-3	0.34	1.78	0.98	27	1.90
190	250	2600	3400	KHM212049/KHM212011-HEND	0.34	1.78	0.98	27	1.91
190	250	2600	3400	KHM212049/KHM212011-NA	0.34	1.78	0.98	27	1.92
179	256	2800	3800	KHM813844/KHM813810	0.5	1.2	0.66	33	2.01
199	271	2600	3400	K641/K632	0.36	1.66	0.91	30	2.74
280	400	2600	3400	K6386/K6320	0.32	1.85	1.02	36	3.56
249	405	2600	3400	KH715341/KH715311	0.47	1.3	0.7	37	3.24
238	380	2600	3400	KH715341/KH715311-3	0.47	1.3	0.7	37	3.24
199	271	2600	3400	K642/K632	0.36	1.66	0.91	30	2.69
220	340	2600	3400	KH414245/KH414210	0.36	1.67	0.92	30	2.7
238	380	2600	3400	KH715343/KH715311	0.47	1.3	0.7	37	3.18
248	490	2800	3800	K9278/K9220	0.71	0.85	0.47	56	4.58
112	156	2600	3600	K29675/K29620	0.49	1.23	0.68	26	0.952
107	180	2600	3600	K33275/K33462	0.44	1.38	0.76	28	1.28

Note: * indicates the maximum value of IDor OD.

Single-row Tapered Roller Bearing(Inch)

d 69.85~75.987 mm



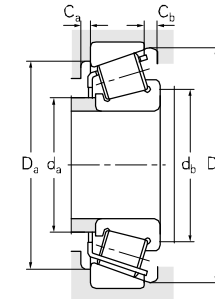
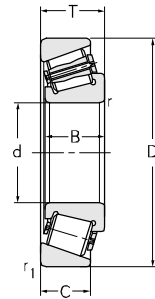
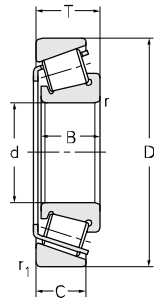
Principal dimensions												
d		D		T		B		C		r _{min}	R _{min}	
mm	in	mm	in	mm	in	mm	in	mm	in	mm		
69.85		120	4.724	32.545	1.281	32.545	1.281	26.195	1.031	3.3	3.5	
		120	4.724	29.795	1.173	29.007	1.142	24.237	0.954	2	3.5	
		127	5	36.512	1.437	36.17	1.424	28.575	1.125	3.3	3.5	
		130.175	5.125	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	
		146.05	5.75	41.275	1.625	39.688	1.563	25.4	1	3.3	3.6	
		146.05	5.75	41.275	1.625	39.688	1.563	25.4	1	3.3	3.5	
		146.05	5.75	41.275	1.625	39.688	1.563	25.4	1	3.3	3.5	
		149.225	5.875	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	
		150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	3.5	
70	2.756	130	5.118	43	1.693	42	1.654	35	1.378	2.5	7	
70*		110*		26	1.024	25	0.984	20.5	0.807	2.5	1	
		120	4.7244	29.795	1.173	29.007	1.142	24.237	0.954	2	2	
71.438		2.813	117.475	4.625	30.162	1.187	30.162	1.187	23.812	0.937	3.3	3.5
			120	4.724	32.545	1.281	32.545	1.281	26.195	1.031	3.3	3.5
			136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5
			136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	6.4
73.025		2.875	112.712	4.437	25.4	1	25.4	1	19.05	0.75	3.3	3.5
			117.475	4.625	30.162	1.187	30.162	1.187	23.812	0.937	3.3	3.5
			127	5	36.512	1.437	36.17	1.424	28.575	1.125	3.3	3.5
			139.992	5.511	36.512	1.437	36.098	1.421	28.575	1.125	3.3	3.5
			150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	3.5
73.817	2.906	127	5	36.512	1.437	36.17	1.424	28.575	1.125	3.3	0.8	
75	2.953	145	5.709	51	2.008	51	2.008	42	1.654	2.5	3	
75*		115*		25	0.984	25	0.984	19	0.748	2.5	3	
		120*		31	1.22	29.5	1.161	25	0.984	2.5	3	
75.987	2.992	131.976	5.196	39	1.535	39	1.535	32	1.26	3.5	7	

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{0r}	Grease	Oil		e	Y	Y ₀	a	
kN		r/min							kg
157	229	3000	4000	K47487/K47420	0.35	1.7	0.9	25	1.50
129	186	2800	3800	K482/K472	0.38	1.56	0.86	26	1.32
172	255	2600	3600	K566/K563	0.36	1.65	0.91	29	1.91
199	271	2600	3600	K643/K633	0.36	1.66	0.91	29	2.30
204	240	2600	3600	KH913849A6/KH913810-2	0.78	0.77	0.42	45	2.97
206	240	2600	3600	KH913849/KH913810	0.78	0.77	0.42	45	2.97
206	240	2600	3600	KH913849/KH913810-3	0.78	0.77	0.42	45	2.97
215	315	2600	3600	K655/K652A	0.41	1.47	0.81	33	3.54
265	365	2600	3600	K745A/K742	0.33	1.84	1.01	31	3.74
225	325	2900	3700	KJF7049A/KJF7010	0.33	1.8	0.99	30	2.5
102	156	3000	4000	KJLM813049/KJLM813010	0.49	1.23	0.68	26	0.894
135	188	3000	4000	K484/K472	0.38	1.6	0.86	25	1.32
121	190	2600	3600	K33281/K33462	0.44	1.38	0.76	28	1.24
157	229	2600	3600	K47490/K47420	0.36	1.66	0.92	26	1.46
242	300	2600	3600	KH414249/KH414210	0.36	1.66	0.92	31	2.59
220	290	2600	3600	K645/K632	0.36	1.66	0.91	33	2.55
112	156	2600	3600	K29685/K29620	0.49	1.23	0.68	25	0.878
121	190	2600	3600	K33287/K33462	0.44	1.38	0.76	28	1.21
172	255	2900	3700	K567/K563	0.36	1.65	0.91	29	1.8
170	320	2800	3500	K576/K572	0.4	1.49	0.82	32	2.54
264	365	2400	3400	K744/K742	0.33	1.84	1.01	31	3.74
172	255	2900	3700	K568/K563	0.36	1.65	0.91	29	1.78
303	435	2700	3400	KJH415647/KJH415610	0.36	1.66	0.91	37	3.89
105	152	2600	3600	KJLM714149/KJLM714110	0.46	1.3	0.72	25	8.58
128	204	2600	3600	KJM714249/KJM714210	0.44	1.35	0.74	28	1.28
203	305	2600	3600	KHM215249/KHM215210	0.33	1.84	1.01	28	2.14

Note: * indicates the maximum value of ID or OD.

Single-row Tapered Roller Bearing(Inch)

d 76.2-80.962 mm



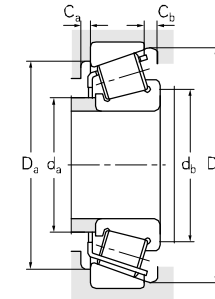
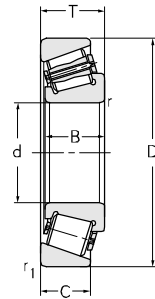
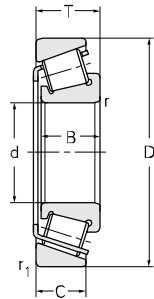
Principal dimensions												
d		D		T		B		C		r _{min}	R _{min}	
mm	in	mm	in	mm	in	mm	in	mm	in	mm		
76.2	3	125.412	4.937	25.4	1	25.4	1	19.845	0.781	1.5	3.5	
		127	5	30.162	1.187	31	1.22	22.225	0.875	3.3	3.5	
		127	5	30.162	1.187	31	1.22	22.225	0.875	3.3	6.4	
			133.35	5.25	33.338	1.313	33.338	1.313	26.195	1.031	3.3	3.5
			135.733	5.344	44.45	1.75	46.1	1.815	34.925	1.375	3.3	3.5
			136.525	5.375	30.162	1.187	29.769	1.172	22.225	0.875	3.175	3.5
			139.992	5.511	36.512	1.437	36.098	1.421	28.575	1.125	3.302	3.5
			139.992	5.511	36.512	1.437	36.098	1.421	28.575	1.125	3.5	3.5
			150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	3.5
			150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	3.5
			161.925	6.375	47.625	1.875	48.26	1.9	38.1	1.5	3.3	3.5
			161.925	6.375	53.975	2.125	55.1	2.169	42.862	1.687	3.3	3.5
			171.45	6.75	49.212	1.937	46.038	1.813	31.75	1.25	3.3	3.6
			171.45	6.75	49.212	1.937	46.038	1.813	31.75	1.25	3.3	3.5
			171.45	6.75	49.212	1.937	46.038	1.813	31.75	1.25	3.3	3.5
			171.45	6.75	49.212	1.937	46.038	1.813	31.75	1.25	3.3	3.5
			180.975	7.125	53.975	2.125	53.183	2.094	35.72	1.406	3.3	3.5
			180.975	7.125	53.975	2.125	53.183	2.094	35.72	1.406	3.3	3.5
77.788	3.063	117.475	4.625	25.4	1	25.4	1	19.05	0.75	3.3	3.5	
		121.442	4.781	24.608	0.969	23.012	0.906	17.462	0.687	2	3.5	
		135.733	5.344	44.45	1.75	46.1	1.815	34.925	1.375	3.3	3.5	
77.8	3.063	288.925	11.375	63.5	2.5	63.5	2.5	47.625	1.875	3.3	7	
79.375	3.125	146.05	5.75	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	
80*		130*		35	1.378	34	1.339	28.5	1.122	2.5	3	
		130		35	1.378	34	1.339	28.5	1.122	2.5	3	
80.962	3.187	136.525	5.375	30.162	1.187	29.769	1.172	22.225	0.875	3.175	3.503	
		150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	5	

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{Or}	Grease	Oil		e	Y	Yo	a	
kN		r/min							kg
91	160	2600	3600	K27684/K27620	0.45	1.32	0.73	29	1.25
184	220	2600	3600	K42687/K42620	0.42	1.43	0.79	27	1.44
184	220	2600	3600	K42688/K42620	0.42	1.43	0.79	27	1.44
162	260	2400	3400	K47679/K47620	0.38	1.57	0.86	65	1.97
215	340	2600	3600	K5760/K5735	0.41	1.5	0.81	33	2.73
134	198	2400	3400	K495A/K493	0.44	1.35	0.74	29	1.82
187	290	2400	3400	K575/K572	0.4	1.49	0.82	32	2.44
187	290	2400	3400	K575/K572A6	0.4	1.49	0.82	32	2.44
264	365	2400	3400	K748S/K742	0.33	1.84	1.01	33	3.62
264	365	2400	3400	K748S/K742-3	0.33	1.84	1.01	33	3.62
273	390	2400	3400	K755/K752	0.34	1.76	0.97	40	4.85
315	475	2400	3400	K6576/K6535	0.4	1.49	0.82	41	5.46
282	350	2000	2800	K9380A6/K9321-2	0.76	0.79	0.43	55	5.17
267	325	2000	2800	K9380/K9321	0.76	0.79	0.43	54	5.20
282	350	2000	2800	K9380/K9321-3	0.76	0.79	0.43	54	5.20
282	350	2000	2800	K9380/K9321/YB4	0.76	0.79	0.43	54	5.17
207	210	2000	2800	KH917840/KH917810	0.73	0.82	0.45	63	6.56
320	400	2000	2800	KH917840/KH917810/YA8-3	0.73	0.82	0.45	63	6.66
114	163	3000	3800	KLM814849/KLM814810	0.51	1.18	0.65	28	0.979
84	131	3000	3700	K34306/K34478	0.45	1.33	0.73	26	0.934
215	340	2600	3600	K5795/K5735	0.41	1.5	0.81	33	2.73
575	1010	1600	2000	K94700/K94113	0.47	1.28	0.71	62	15.5
225	320	2600	3300	K661/K653/YB4	0.41	1.47	0.81	33	3.01
175	280	2400	3400	KJM515649/KJM515610	0.41	1.48	0.81	30	1.82
175	280	2400	3400	KJM515649/KJM515610-BZ	0.41	1.48	0.81	30	1.82
134	198	2400	3400	K496/K493	0.44	1.35	0.74	29	1.75
270	365	2500	3200	K740/K742	0.33	1.84	1.01	32	3.31

Note: * indicates the maximum value of ID or OD.

Single-row Tapered Roller Bearing(Inch)

d 82.55~85.725 mm



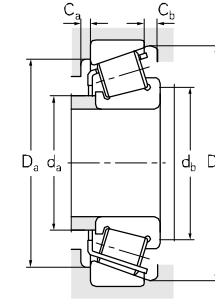
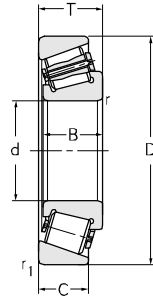
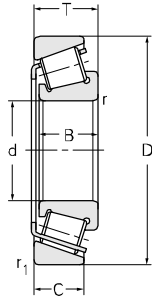
Principal dimensions											
d		D		T		B		C		r _{min}	R _{min}
mm	in	mm	in	mm	in	mm	in	mm	in	mm	
82.55	3.25	125.412	4.937	25.4	1	25.4	1	19.845	0.781	1.5	3.5
		125.412	4.937	25.4	1	25.4	1	19.845	0.781	1.5	3.5
	133.35	5.25	33.338	1.313	33.338	1.313	26.195	1.031	3.3	3.5	
	133.35	5.25	33.338	1.313	33.338	1.313	26.195	1.031	3.3	6.8	
	133.35	5.25	39.688	1.563	39.688	1.563	32.545	1.281	3.3	3.5	
	139.7	5.5	36.512	1.437	36.098	1.421	28.575	1.125	3.3	3.556	
	139.992	5.511	36.512	1.437	36.098	1.421	28.575	1.125	3.302	3.556	
	139.992	5.511	36.512	1.437	36.098	1.421	28.575	1.125	3.556	3.556	
	139.992	5.511	36.512	1.437	36.098	1.421	28.575	1.125	3.3	6.8	
	146.05	5.75	41.275	1.625	41.275	1.625	31.75	1.25	3.505	0.254	
	146.05	5.75	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	
	150	5.906	44.45	1.75	46.672	1.837	36.512	1.437	3.3	3.5	
168.275	6.625	53.975	2.125	56.363	2.219	41.275	1.625	3.3	3.5		
180.975	7.125	53.975	2.125	53.183	2.094	35.72	1.406	3.3	3.3		
83.345	3.281	125.412	4.937	25.4	1	25.4	1	19.845	0.781	1.5	3.5
84.138	3.313	133.35	5.25	30.162	1.187	29.769	1.172	22.225	0.875	3.3	3.5
84.976	3.346	125.412	4.937	25.4	1	25.4	1	19.845	0.781	1.5	5
85.026	3.347	150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	3.5
		150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	3.5
		150.089	5.909	44.45	1.75	46.672	1.837	36.512	1.437	3.3	5
85.725	3.375	133.35	5.25	30.162	1.187	29.769	1.172	22.225	0.875	3.3	3.556
		136.525	5.375	30.163	1.188	29.769	1.172	22.225	0.875	3.175	3.556
		142.138	5.596	42.862	1.687	42.862	1.687	34.133	1.344	3	4.8
		146.05	5.75	41.275	1.625	41.275	1.625	31.75	1.25	3.175	6.4
146.05	5.75	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5		
147.638	5.813	35.717	1.406	36.322	1.43	26.192	1.031	0.8	3.5		
152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.175	3.5		

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{0r}	Grease	Oil		e	Y	Y ₀	a	
kN		r/min							kg
109	177	2400	3400	K27687/K27620-AK	0.45	1.32	0.73	27	1.06
115	151	2400	3400	K27687SH/K27620SH	0.45	1.32	0.73	27	1.1
142	218	2400	3400	K47686/K47620	0.4	1.48	0.82	28	1.80
142	218	2400	3400	K47687/K47620	0.4	1.48	0.82	28	1.74
186	310	2400	3400	KHM516449/KHM516410	0.4	1.48	0.82	32	2.12
187	290	2400	3400	K580/K572X	0.4	1.48	0.82	31	2.21
217	275	2400	3400	K580/K572	0.4	1.49	0.82	31	2.21
217	275	2400	3400	K580/K572A6	0.4	1.49	0.82	31	
184	277	2400	3400	K582/K572	0.4	1.48	0.82	31	2.19
265	360	2400	3400	K663/K653	0.41	1.47	0.81	36	2.87
215	315	2400	3400	663/653	0.41	1.47	0.81	33	2.87
264	365	2400	3400	K749A/K742A	0.33	1.84	1.01	38	3.33
405	466	2300	2900	K842/K832	0.3	2	1.1	35	5.36
207	210	2000	3000	KH917849/KH917810	0.73	0.82	0.45	50	6.25
100	160	2400	3400	K27690/K27620	0.42	1.44	0.79	26	1.08
134	198	2400	3400	K498/K492A	0.44	1.35	0.74	29	1.47
100	160	2400	3400	K27695/K27620	0.45	1.32	0.73	31	1.01
264	365	2400	3400	K749/K742	0.33	1.84	1.01	31	3.22
265	365	2200	3200	K749/K742-3	0.33	1.8	1	32	3.22
264	365	2400	3400	K749S/K742	0.33	1.84	1.01	33	3.20
134	198	2200	3200	K497/K492A	0.44	1.35	0.74	23	1.47
134	198	2400	3400	K497/K493	0.44	1.35	0.74	29	1.60
220	345	2200	3200	KHM617049/KHM617010	0.43	1.4	0.76	35	2.63
217	315	2200	3200	K665A/K653	0.41	1.47	0.81	33	2.74
217	315	2200	3200	K665/K653A6	0.4	1.5	0.8	33	2.74
197	310	2200	3200	K596/K592XE	0.44	1.36	0.75	33	2.46
315	167	2000	3400	K596/K592A	0.44	1.36	0.75	39	2.92

Note: * indicates the maximum value of ID or OD.

Single-row Tapered Roller Bearing(Inch)

d 88.9-95.25 mm



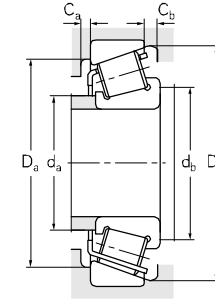
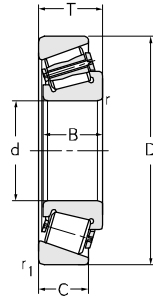
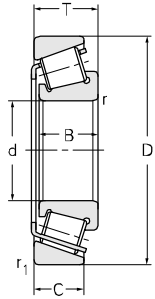
Principal dimensions											
d		D		T		B		C		r _{min}	R _{min}
mm	in	mm	in	mm	in	mm	in	mm	in	mm	
88.9	3.5	118.618	4.67	39.688	1.563	39.688	1.563	30.162	1.187	3.556	6.35
		152.4	6	39.688	1.563	39.688	1.563	30.162	1.187	SP	SP
		152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.175	6.4
		152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.3	3.5
		152.4	6	39.688	1.563	39.688	1.563	30.162	1.187	SP	SP
		161.925	6.375	47.625	1.875	48.26	1.9	38.1	1.5	3.3	3.5
		161.925	6.375	47.625	1.875	48.26	1.9	39.675	1.562	3.3	3.5
		161.925	6.375	53.975	2.125	55.1	2.169	42.862	1.687	3.3	3.5
		168.275	6.625	41.275	1.625	41.275	1.625	30.162	1.187	3.3	3.5
		190.5	7.5	57.15	2.25	57.531	2.265	44.45	1.75	3.3	8
		190.5	7.5	57.15	2.25	57.531	2.265	44.45	1.75	3.3	8
		190.5	7.5	57.15	2.25	57.531	2.265	46.038	1.813	3.3	8
89.975	3.542	146.975	5.786	40	1.575	40	1.575	32.5	1.28	3.5	7
90	3.543	147	5.787	40	1.575	40	1.575	32.5	1.28	3.5	5.8
90*		145*		35	1.378	34	1.339	27	1.063	2.5	6
		147*		40	1.575	40	1.575	32.5	1.28	SP	SP
		147*		40	1.575	40	1.575	32.5	1.28	3.5	7
		147*		40	1.575	40	1.575	32.5	1.28	5.8	3.5
92.075	3.625	146.05	5.75	33.338	1.313	34.925	1.375	26.195	1.031	3.3	3.5
		152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.302	6.35
		152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.3	3.5
		180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	3.3	3.5
95	3.74	135	5.315	20	0.787	20	0.787	14	0.551	2.5	5
95*		150*		35	1.378	34	1.339	27	1.063	2.5	3
95.25	3.75	147.638	5.813	35.717	1.406	36.322	1.43	26.192	1.031	0.8	5
		152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.302	5.08
		152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.3	3.5
		152.4	6	39.688	1.563	36.322	1.43	30.162	1.187	3.3	8

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{0r}	Grease	Oil		e	Y	Y ₀	a	
kN		r/min							kg
286	350	2000	3000	KHM518445/KHM518410	0.4	1.49	0.82	33	2.86
255	370	1800	2700	KHM518445/KHM518410-HEND	0.4	1.49	0.82	34	2.86
190	305	1800	2700	K593A/K592A	0.44	1.36	0.75	39	2.80
207	169	1800	2700	K593/K592A	0.44	1.36	0.75	39	2.63
255	370	1800	2700	KHM518445A6/KHM518410A6	0.4	1.49	0.82	34	2.86
375	390	2400	3400	K759/K752	0.34	1.76	0.97	35	4.26
305	410	2400	3400	K759/K752BX2	0.34	1.76	0.97	35	4.4
315	475	2400	3400	K6580/K6535	0.4	1.49	0.82	41	4.73
205	350	1800	2700	K679/K672	0.47	1.28	0.7	38	4.03
380	555	2400	3400	855/854B	0.33	1.79	0.99	40	7.71
380	555	1900	2600	K855/K854	0.33	1.8	0.99	42	7.69
445	610	1700	2400	KHH221434/KHH221410	0.33	1.79	0.99	24	7.87
229	345	2400	3100	KHM218248/KHM218210-HEND	0.33	1.8	0.99	31	2.51
230	370	2400	3100	KHM218248SH/KHM218210SH/YB2	0.33	1.8	0.99	31	2.57
189	315	2200	3200	KJM718149A/KJM718110	0.44	1.36	0.75	33	2.17
215	345	2200	3200	KHM218248A6/KHM218210A6	0.33	1.8	0.99	31	2.51
216	345	2200	3200	KHM218248/KHM218210	0.33	1.8	0.99	31	2.51
253	370	2200	3200	KHM218248SH/KHM218210SH	0.33	1.8	0.99	31	2.58
160	295	1900	2800	K47890/K47820	0.45	1.34	0.74	32	2.08
232	315	1900	2800	598A/592A	0.44	1.36	0.75	34	2.67
232	315	1900	2800	K598/K592A	0.44	1.36	0.75	34	2.66
288	435	1900	2800	K778/K772	0.39	1.56	0.86	44	5.55
86.5	151	1900	2800	KJL819349/KJL819310	0.58	1.04	0.57	31	0.82
187	290	1900	2800	KJM719149/KJM719113	0.44	1.4	0.75	33	2.23
228	310	1900	2800	594A/592XE	0.44	1.39	0.75	34	2.13
228	310	1900	2800	K594A/K592A	0.44	1.36	0.75	34	2.54
207	169	1900	2800	K594/K592A	0.44	1.36	0.75	34	2.54
207	169	1900	2800	K594R/K592A	0.44	1.36	0.75	34	2.52

Note: * indicates the maximum value of IDor OD.

Single-row Tapered Roller Bearing(Inch)

d 95.25~104.775 mm



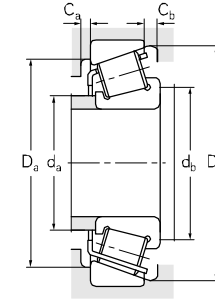
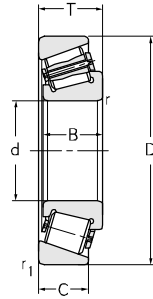
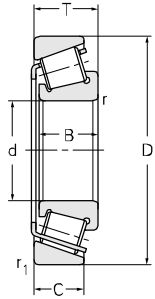
Principal dimensions											
d		D		T		B		C		r _{min}	R _{min}
mm	in	mm	in	mm	in	mm	in	mm	in	mm	
95.25		168.275	6.625	41.275	1.625	41.275	1.625	30.162	1.187	3.3	3.5
		190.5	7.5	57.15	2.25	57.531	2.265	46.038	1.813	3.3	8
96.838		3.813	148.43	5.844	28.575	1.125	28.971	1.141	21.433	0.844	3
			149.225	5.875	31.75	1.25	28.971	1.141	24.608	0.969	3.3
			188.912	7.437	50.8	2	46.038	1.813	31.75	1.25	3.3
			188.912	7.437	50.8	2	46.038	1.813	31.75	1.25	3.3
			188.912	7.437	50.8	2	46.038	1.813	31.75	1.25	3.3
99.974		3.936	156.975	6.18	42	1.654	42	1.654	34	1.339	3.5
99.975		3.936	212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3
101.6		4	136.525	5.375	21.433	0.844	21.433	0.844	16.67	0.656	1.5
			157.162	6.187	36.512	1.437	36.116	1.422	26.195	1.031	3.3
			168.275	6.625	41.275	1.625	41.275	1.625	30.162	1.187	3.3
			180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	3.3
			190.5	7.5	57.15	2.25	57.531	2.265	44.45	1.75	3.3
			190.5	7.5	57.15	2.25	57.531	2.265	44.45	1.75	3.3
			190.5	7.5	57.15	2.25	57.531	2.265	44.45	1.75	3.3
			190.5	7.5	57.15	2.25	57.531	2.265	46.038	1.813	3.3
			190.5	7.5	57.15	2.25	57.531	2.265	46.038	1.813	3.3
			212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3
			212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3
			212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3
			212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3
			212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3
			214.312	8.437	55.562	2.187	52.388	2.063	39.688	1.563	3.3
			250.825	9.875	76.2	3	73.025	2.875	50.8	2	6.4
			250.825	9.875	76.2	3	73.025	2.875	50.8	2	6.4
104.775		4.125	180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	3.3
			180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	6.4
			180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	7

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{0r}	Grease	Oil		e	Y	Y ₀	a	
kN		r/min							kg
228	365	1900	2800	K683/K672	0.48	1.25	0.7	38	3.75
465	610	1800	2700	KHH221440/KHH221410	0.33	1.79	0.99	42	7.5
146	230	1900	2800	K42381/K42584	0.49	1.22	0.67	32	1.68
145	230	1900	2800	K42381/K42587B-3	0.49	1.22	0.67	36	1.89
270	345	1900	2800	K90381/K90744	0.87	0.69	0.38	62	5.63
270	345	1900	2800	K90381/K90744-3	0.87	0.69	0.38	62	5.63
278	360	1900	2800	K90381/K90744/YA8-3	0.87	0.69	0.38	62	5.72
253	400	1900	2800	KHM220149/KHM220110	0.33	1.84	1.01	42	2.89
600	830	1900	2800	KHH224334/KHH224310	0.33	1.84	1.01	54	11.2
90	165	2200	3000	KL420449/KL420410	0.37	1.63	0.9	24	0.846
193	315	2000	2800	K52400/K52618	0.47	1.3	0.69	36	2.48
228	365	2000	2800	K687/K672	0.47	1.28	0.7	38	3.43
290	435	2000	2600	K780/K772	0.39	1.6	0.83	39	5.00
380	555	1900	2600	K861/K854	0.33	1.8	0.99	42	6.80
380	555	1900	2600	K861/K854-2	0.33	1.8	0.99	42	6.80
380	555	1900	2600	K861/K854-3	0.33	1.8	0.99	42	6.80
445	610	1800	2600	KHH221449/KHH221410	0.33	1.79	0.99	24	7.87
465	645	1800	2600	KHH221449/KHH221410-3	0.33	1.79	0.99	24	7.87
655	900	1800	2600	KHH224335/KHH224310	0.33	1.84	1.01	48	11.1
655	900	1800	2600	KHH224335/KHH224310-3	0.33	1.84	1.01	48	11.1
450	675	1800	2600	K941/K932	0.33	1.84	1.01	48	11.0
450	675	1800	2600	K941/K932-3	0.33	1.84	1.01	48	11.1
595	900	1700	2200	HH224335/HH224310-DG	0.33	1.84	1.01	47	11.1
375	590	1800	2600	KH924033/KH924010	0.67	0.89	0.49	62	9.15
550	695	1400	1900	KHH923649/KHH923610	0.71	0.85	0.47	74	17.6
550	695	1400	1900	KHH923649/KHH923611	0.71	0.85	0.47	74	17.6
288	435	2000	2600	K782/K772	0.39	1.56	0.86	39	4.81
288	435	2000	2600	K786/K772	0.39	1.56	0.86	39	4.79
288	435	2000	2600	K787/K772	0.39	1.6	0.86	39	4.78

Note: * indicates the maximum value of IDor OD.

Single-row Tapered Roller Bearing(Inch)

d 107.95~120.65 mm



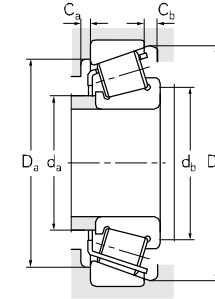
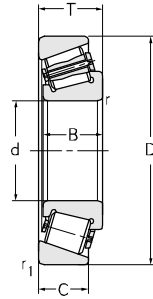
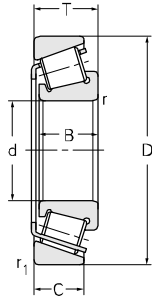
Principal dimensions											
d		D		T		B		C		r _{min}	R _{min}
mm	in	mm	in	mm	in	mm	in	mm	in	mm	
107.95	4.25	146.05	5.75	21.433	0.844	21.433	0.844	16.67	0.656	1.5	1.5
		158.75	6.25	23.02	0.906	21.438	0.844	15.875	0.625	3.3	3.5
		165.1	6.5	36.512	1.437	36.512	1.437	26.988	1.063	3.3	3.5
109.538	4.313	158.75	6.25	23.02	0.906	21.438	0.844	15.875	0.625	3.3	5
		158.75	6.25	23.02	0.906	21.438	0.844	15.875	0.625	3.3	3.5
100*		145*		24	0.945	22.5	0.886	17.5	0.689	5	3
		157*		42	1.654	42	1.654	34	1.339	SP	SP
110*		165*		35	1.378	35	1.378	26.5	1.043	2.5	3
		165*		35	1.378	35	1.378	26.5	1.043	3	2.5
		180*		47	1.85	46	1.811	38	1.496	2.5	3
		180*		47	1.85	46	1.811	38	1.496	2.5	3
		180	7.087	47	1.85	46	1.811	38	1.496	2.5	3
111.125	4.375	214.312	8.437	55.562	2.187	52.388	2.063	39.688	1.563	3.3	3.5
114.3	4.5	177.8	7	41.275	1.625	41.275	1.625	30.162	1.187	3.3	3.5
		190.5	7.5	47.625	1.875	49.212	1.937	34.925	1.375	3.3	3.5
		212.725	8.375	66.675	2.625	66.675	2.625	53.957	2.124	3.3	7
		228.6	9	53.975	2.125	49.428	1.946	38.1	1.5	3.3	3.5
114.976	4.527	180.975	7.125	41.275	1.625	41.275	1.625	30.162	1.187	3.3	9
117.8	4.638	247.65	9.75	47.625	1.875	47.625	1.875	38.1	1.5	3.3	10.5
120*		170*		27	1.063	25	0.984	19.5	0.768	3	3
120.65	4.75	174.625	6.875	35.72	1.406	36.512	1.437	27.783	1.094	1.5	3.5
		182.562	7.187	39.688	1.563	38.1	1.5	33.338	1.313	3.3	3.5
		206.375	8.125	47.625	1.875	47.625	1.875	34.925	1.375	3.3	3.3
		254	10	77.78	3.062	82.55	3.25	61.912	2.437	6.4	9.7
		273.05	10.75	82.55	3.25	82.55	3.25	53.975	2.125	6.4	6.4
		273.05	10.75	82.55	3.25	82.55	3.25	53.975	2.125	6.4	6.4

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{0r}	Grease	Oil		e	Y	Y ₀	a	
kN		r/min							kg
106	180	1900	2800	KL521949/KL521910	0.39	1.54	0.85	26	0.993
107	174	1900	2800	K37425/K37625	0.61	0.99	0.54	39	1.36
198	330	1900	2800	K56425/K56650	0.5	1.2	0.7	38	2.67
107	174	1900	2800	K37431A/K37625	0.61	0.99	0.54	39	1.32
107	174	1900	2800	K37431/K37625	0.61	0.99	0.54	39	1.33
116	171	1900	2800	KJP10049A/KJP10010	0.47	1.27	0.7	30	1.13
253	400	1900	2800	KHM220149A6/KHM220110A6	0.33	1.8	0.99	33	2.89
195	320	1900	2800	KJM822049/KJM822010	0.5	1.21	0.66	39	2.63
211	360	1900	2800	KM822049/KM822010	0.5	1.2	0.66	38	2.63
320	510	1900	2800	KJHM522649/KJHM522610	0.41	1.48	0.81	40	4.56
320	510	1900	2800	KJHM522649/KJHM522610-2	0.41	1.48	0.81	40	4.56
320	510	1900	2800	KRJHM522649/JHM522610	0.41	1.48	0.81	40	4.56
375	590	1700	2300	H924045/H924010-DG	0.67	1.01	0.67	65	8.49
250	400	1900	2800	K64450/K64700	0.52	1.23	0.64	43	3.50
305	480	1900	2800	K71450/K71750	0.41	1.48	0.81	41	5.26
450	675	1700	2400	K938/K932	0.33	1.8	1	47	9.95
400	590	1500	2200	KHM926740/KHM926710-3	0.74	0.81	0.45	68	9.78
250	400	1900	2800	K64452A/K64713	0.52	1.15	0.63	43	3.72
420	520	1600	2300	K67791/K67720	0.44	1.36	0.75	52	6.82
155	243	1900	2800	KJP12049/KJP12010	0.47	1.3	0.69	35	1.75
210	365	1700	2400	KM224749/KM224710	0.33	1.8	0.99	32	2.66
228	430	1700	2400	K48282/K48220	0.3	2	1.1	34	3.56
330	550	1600	2200	K795/K792	0.46	1.3	0.72	46	6.28
730	1060	1500	2000	KHH228340/KHH228310-3	0.32	1.9	1	31	18.2
810	940	2200	3200	KHH926749/KHH926710	0.63	0.95	0.52	76	22.1
810	940	2200	3200	KHH926749/KHH926710-3	0.63	0.95	0.52	76	22.1

Note: * indicates the maximum value of IDor OD.

Single-row Tapered Roller Bearing(Inch)

d 123.825~146.05 mm



Principal dimensions											
d		D		T		B		C		r _{min}	R _{min}
mm	in	mm	in	mm	in	mm	in	mm	in	mm	
123.825	4.875	254	10	77.788	3.063	82.55	3.25	61.912	2.437	6.4	9.7
127	5	182.562	7.187	39.688	1.563	38.1	1.5	33.338	1.313	3.3	3.5
		182.562	7.187	39.688	1.563	38.1	1.5	33.338	1.313	3.3	3.5
		228.6	9	53.975	2.125	49.428	1.946	38.1	1.5	3.3	3.5
		228.6	9	53.975	2.125	49.428	1.946	38.1	1.5	3.3	3.5
		234.95	9.25	63.5	2.5	63.5	2.5	49.212	1.937	3.3	6.4
		254	10	77.788	3.063	82.55	3.25	61.912	2.437	6.4	9.7
		304.8	12	88.9	3.5	82.55	3.25	57.15	2.25	6.4	6.4
128.588	5.063	206.375	8.125	47.625	1.875	47.625	1.875	34.925	1.375	3.3	3.3
130.175	5.125	196.85	7.75	46.038	1.813	46.038	1.813	38.1	1.5	3.3	3.5
133.35	5.25	190.5	7.5	39.688	1.563	39.688	1.563	33.338	1.313	3.3	3.5
		196.85	7.75	46.038	1.813	46.038	1.813	38.1	1.5	3.3	3.5
		196.85	7.75	46.038	1.813	46.038	1.813	38.1	1.5	3.3	3.5
		234.95	9.25	63.5	2.5	63.5	2.5	49.212	1.937	3.3	9.7
		234.95	9.25	63.5	2.5	63.5	2.5	49.212	1.937	3.3	9.7
139.7	5.5	228.6	9	57.15	2.25	57.15	2.25	44.45	1.75	3.3	3.5
		236.538	9.313	57.15	2.25	56.642	2.23	44.45	1.75	3.3	3.5
		254	10	66.675	2.625	66.675	2.625	47.625	1.875	3.3	7
		295.275	11.625	82.55	3.25	87.312	3.437	57.15	2.25	6.4	9.7
142.875	5.625	200.025	7.875	41.275	1.625	39.688	1.563	34.13	1.344	3.3	7.9
		241.3	9.5	57.15	2.25	56.642	2.23	44.45	1.75	3.3	8
		241.3	9.5	57.15	2.25	56.642	2.23	44.45	1.75	3.3	8
146.05	5.75	193.675	7.625	28.575	1.125	28.575	1.125	23.02	0.906	1.5	1.5
		193.675	7.625	28.575	1.125	28.575	1.125	23.02	0.906	1.5	1.5
		236.538	9.313	57.15	2.25	56.642	2.23	44.45	1.75	3.3	3.5
		304.8	12	88.9	3.5	82.55	3.25	57.15	2.25	6.4	6.4
		304.8	12	88.9	3.5	82.55	3.25	57.15	2.25	6.4	6.4

Basic load ratings		Limit speed ratings		Designations	Calculation coefficient				Weight
C _r	C _{0r}	Grease	Oil		e	Y	Y ₀	a	
kN		r/min							kg
730	1060	1500	2000	KHH228344/KHH228310	0.32	1.87	1.03	54	18.6
240	430	1700	2400	48290/48220	0.3	2	1.1	34	3.20
228	430	1700	2400	K48290/K48220	0.3	2	1.1	34	3.20
400	590	1700	2400	KHM926747/KHM926710	0.74	0.81	0.45	68	8.88
400	590	1700	2400	KHM926747/KHM926710-3	0.74	0.81	0.45	68	8.88
515	810	1700	2400	K95500/K95925	0.37	1.62	0.89	51	11.6
730	1060	1500	2200	KHH228349/KHH228310	0.32	1.87	1.03	54	18.2
875	1210	1400	2000	KHH932132/KHH932110/YA8-3	0.73	0.82	0.45	93	27.7
330	550	1600	2200	K799/K792	0.46	1.3	0.72	46	5.70
330	590	1600	2200	67389/67322	0.34	1.74	0.96	40	4.96
247	455	1600	2200	K48385/K48320	0.32	1.88	1.04	35	3.52
330	590	1600	2200	67390/67322-BZ	0.35	1.7	0.9	39	4.71
330	590	1600	2200	67390/67322-BZ	0.35	1.7	0.9	39	4.71
515	810	1500	2000	95525/95925	0.37	1.62	0.89	51	11.1
515	810	1500	2000	K95525/K95925	0.37	1.62	0.89	51	11.1
370	680	1400	1900	K898/K892	0.42	1.43	0.79	50	8.85
510	810	1400	1900	KHM231132/KHM231110	0.31	1.9	1.1	45	10.1
715	1100	1400	1900	K99550/K99100	0.41	1.47	0.81	54	14.0
820	1100	1200	1700	KHH231649/KHH231615-2	0.32	1.88	1.04	55	24.7
250	515	1600	2000	K48684/K48620	0.34	1.78	0.98	37	3.88
420	730	1400	1800	82562A/82950-DANA	0.44	1.36	0.75	54	10.4
420	730	1400	1800	82562A/82950/HCOI-DANA	0.44	1.36	0.75	54	10.4
186	370	1600	2200	K36690/K36620B	0.37	1.6	0.9	34	2.22
186	370	1600	2200	K36690/K36620B	0.37	1.6	0.9	34	2.22
406	700	1300	1900	K82576/K82931	0.44	1.36	0.75	52	9.56
835	1140	1100	1600	KHH932145/KHH932110	0.73	0.82	0.45	105	28.3
875	1210	1100	1600	KHH932145/KHH932110/YA8	0.73	0.82	0.45	93	27.7

Note: * indicates the maximum value of IDor OD.