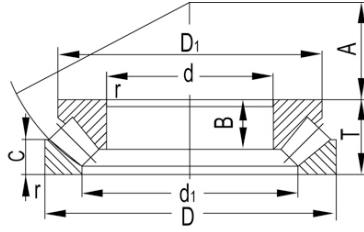


Single Row Tapered Roller Bearings (Inch Series)



Bearing NO.	Boundary dimensions(mm)							Basic load ratings(kN)		Limiting speed(rpm)		Application point	Abutment and fillet dimensions(mm)						Value			Weight (kg)
	d	D	T	B	C	r 1.2min	r 3.4min	Cr	Cor	Grease	Oil		a	da max	db min	Da max	Db min	ra max	rb max	e	Y	
HH221440/HH221410	95.25	190.5	57.15	57.531	46.038	7.9	3.2	440	602	2300	3400	42.5	115	119	168	179	7.9	3.2	0.33	1.79	0.99	7.37
42381/42584	96.838	148.43	28.575	28.971	21.433	3.6	3	143	225	2300	3400	31.9	108	108	133	140	3.6	3	0.49	1.22	0.67	1.64
90381/90744	96.838	188.913	50.8	46.038	31.75	3.6	3.2	276	357	2300	3400	63	108	115	161	179	3.6	3.2	0.87	0.69	0.38	5.68
52387/52637	98.425	161.925	36.512	36.116	26.195	3.6	3.2	180	288	2200	3300	36	110	114	142	151	3.6	3.2	0.47	1.26	0.69	2.74
685/672	98.425	168.275	41.275	41.275	30.162	3.6	3.2	224	349	2200	3300	38.6	110	115	147	156	3.6	3.2	0.47	1.28	0.7	3.51
779/772	98.425	180.975	47.625	48.006	38.1	3.6	3.2	288	438	2100	3200	39.5	110	120	156	166	3.6	3.2	0.39	1.56	0.86	5.2
HH421246/HH421210	98.425	184.15	63.5	63.5	52.388	6.4	3.2	445	687	2100	3200	46.2	115	117	161	174	6.4	3.2	0.37	1.6	0.88	7.45
866/854	98.425	190.5	57.15	57.531	44.45	3.6	3.2	353	504	2100	3200	40	110	120	162	172	3.6	3.2	0.33	1.79	0.99	6.99
HH221442/HH221410	98.425	190.5	57.15	57.531	46.038	3.6	3.2	440	602	2100	3200	42.5	110	119	168	179	3.6	3.2	0.33	1.79	0.99	7.18
HM321245/HM321210	99.212	171.45	49.213	49.213	38.1	3.6	3.2	295	434	2200	3200	36.6	110	116	153	162	3.6	3.2	0.34	1.75	0.96	4.45
LM720646/LM720611	99.975	144.975	25.4	25.4	19.05	1.6	1.6	125	216	2200	3200	30.1	107	113	134	140	1.6	1.6	0.46	1.31	0.72	1.34
HM220149/HM220110	99.975	156.975	42	42	34	7.9	3.6	245	396	2200	3200	32.4	112	120	143	150	7.9	3.6	0.33	1.8	0.99	2.9
944A/933	99.975	210	67	66.675	53.975	3.6	3.2	450	674	2200	3200	47.9	111	135	181	193	3.6	3.2	0.33	1.84	1.01	10.9
HH224334/HH224310	99.975	212.725	66.675	66.675	53.975	3.6	3.2	513	699	2200	3200	47.6	111	134	190	201	3.6	3.2	0.33	1.84	1.01	10.9
HH221447/HH221410	99.982	190.5	57.15	57.531	46.038	6.4	3.2	440	602	2200	3200	42.5	117	119	168	179	6.4	3.2	0.33	1.79	0.99	7.06
JM720249/JM720210	100	155	36	35	28	3	2.5	191	325	1900	2800	36.8	118	108	140	150	3	2.5	0.47	1.3	0.7	2.45
JHM720249/JHM720210	100	160	41	40	32	3	2.5	239	380	1900	2800	38.2	107	119	144	155	3	2.5	0.47	1.3	0.7	3.07
52394X/52637	100	161.925	36.513	36.116	26.195	3.6	3.2	180	288	1900	2800	36	111	114	142	151	3.6	3.2	0.47	1.26	0.69	2.67
783/772A	100	174.625	47.625	48.006	38.1	3.6	3.2	288	438	1800	2700	39.4	111	120	156	166	3.6	3.2	0.39	1.56	0.86	4.57
783/772	100	180.975	47.625	48.006	38.1	3.5	3.3	258	375	1800	2700	39.1	111	123	160	172	3.5	3.3	0.39	1.6	0.86	4.96
863X/853	100	189.997	57	57.531	48	6	3	353	504	1700	2600	39.8	116	120	163	174	6	3	0.33	1.79	0.99	6.94
863X/854	100	190.5	57.15	57.531	44.45	6	3.3	355	500	1700	2600	41.8	111	126	168	181	6	3.3	0.33	1.8	0.99	6.81
98394X/98788	100	200	52.761	49.213	34.925	3.6	3.2	347	471	1700	2600	54.7	111	123	171	185	3.6	3.2	0.63	0.95	0.52	6.91
HH224334/HH224310	100	212.725	66.675	66.675	53.975	3.5	3.3	570	810	1700	2600	47.3	118	133	191	206	3.5	3.3	0.33	1.8	1	11.4
EE215039/215096	100	250.825	76.2	73.025	50.8	6.4	3.2	442	575	1700	2600	72.4	117	140	201	225	6.4	3.2	0.7	0.85	0.47	17.3
52393/52618	100.012	157.162	36.512	36.116	26.195	3.5	3.3	191	310	1900	2800	36.1	108	119	142	153	3.5	3.3	0.47	1.3	0.69	2.51
52393/52638	100.012	161.925	39.688	36.116	29.37	3.5	3.3	191	310	1900	2800	39.2	108	119	143	155	3.5	3.3	0.47	1.3	0.69	2.92
789/772A	100.813	174.625	47.625	47.625	38.1	3.6	3.2	288	438	1900	2800	39.4	113	120	156	166	3.6	3.2	0.39	1.56	0.86	4.51
L420449/L420410	101.6	136.525	21.433	21.433	16.67	1.6	1.6	86	162	1900	2800	24.3	110	111	126	130	1.6	1.6	0.37	1.63	0.9	0.852
L521945R/L521910	101.6	146.05	21.433	21.433	16.67	1.6	1.6	86.4	167	1900	2800	26.2	110	119	134	139	1.6	1.6	0.39	1.53	0.84	1.17