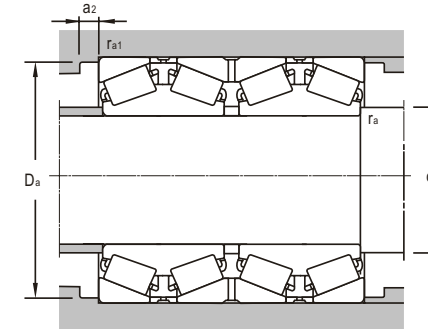
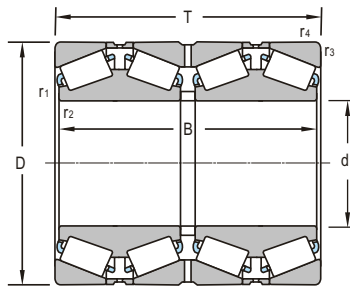


d 140~320mm

Boundary Dimensions						Basic Load Ratings	
<i>d</i>	<i>D</i>	<i>T</i>	<i>B</i>	<i>r</i> <sub>1,2min</sub>	<i>r</i> <sub>3,4min</sub>	Dynamic <i>C</i>	Static <i>C</i> <sub>0</sub>
mm						kN	
140	210	185	185	2.5	2	604	1095
170	260	230	230	2.5	2.5	907	1720
200	282	206	206	3	2.5	1117	2087
205	320	205	205	3	3	1254	1931
220	295	315	315	4	6	1470	4360
	295		315		3	1470	4360
300	230	230	230	3	2.5	1390	4080
340	305	305	305	4	3	1500	3020
340	305	305	305	4	3	2340	5520
240	338	248	248	4	4	2020	5320
	338		340		3	2490	7080
	360	310	310	4	3	2290	6240
250	365	270	270	3	3	1930	4750
	385	255	255	4	4	1913	4300
	388	248	248	4	4	2020	5320
260	360	265	265	3	2.5	1920	5150
	380	200	200	3	2.5	1730	4000
	400	255	255	4	7.5	2120	5010
	400	345	345	4	4	3750	7950
	440	284	330	5	2	3260	7600
	440	300	300	5	2	2597	5047
280	460	324	324	5	4	4100	7850
300	420	300	300	3	3	2253	4702
	460	390	390	5	4	3234	6832
	480	180	180	2.5	5	2050	4590
	500	350	350	5	4	3950	8830
	500	370	370	5	4	3654	6776
310	410	310	310	4.03	3.5	2330	6790
320	460	338	338	4	4	3056	7164
	460	380	380	4	4	3100	8000

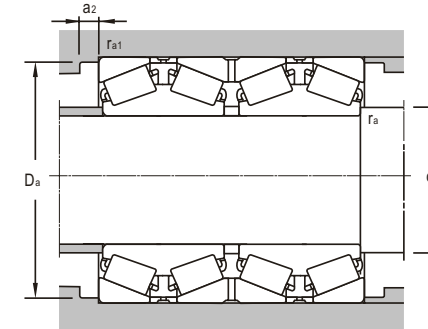
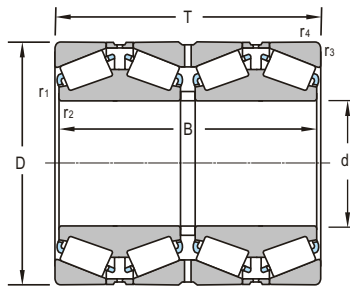
Bearing Designations		Mounting Dimensions					Calculation Factors				Mass	
Present	Original	<i>d</i> <sub>amax</sub>	<i>D</i> <sub>amin</sub>	<i>a</i> <sub>2</sub>	<i>r</i> <sub>amax</sub>	<i>r</i> <sub>1max</sub>	<i>Y</i> <sub>1</sub>	<i>Y</i> <sub>2</sub>	<i>Y</i> <sub>0</sub>	<i>e</i>	kg	
		mm										
382028	382028	151	193	6.5	2.5	2	1.8	2.7	1.8	0.37	24.1	
382034	382034	180	236	6	2	2	1.6	2.3	1.5	0.44	39.5	
380640	380640	212	266	6	2.5	2	1.7	2.6	1.7	0.39	42.7	
380641	380641	220	304	16	2.5	2.5	1.5	2.2	1.4	0.46	54.5	
380644-ZLS	380644-ZLS	227	275	7		5	2	2.98	2	0.34	57.1	
380644YB		236	258				1.4	2.0		1.3	0.5	56.6
382944X2	382944X2	229	277	15	2.5	2	1.6	2.5	1.6	0.41	47.2	
382044	382044	234	314	15	3	2.5	1.9	2.8	1.9	0.35	97.9	
382044/HCYB2	382044/HCYB2	238	314	15	3	3	1.9	2.8	1.9	0.35	97	
37248WF/DPICS130	37248WF/DPICS130	258	308	6	3	3	1.7	2.6	1.7	0.39	69	
380648YB		260	306				1.7	2.5		1.6	0.4	93
382048/HC3	382048/HC3	258	325	15	3	2.5	1.9	2.8	1.9	0.36	111	
250KVE3601AEg	250KVE3601AEg						2.1	3.1	2.1	0.33	90.5	
380650	380650	270	364	20	3	3	1.8	2.7	1.7	0.38	108	
37248WF/DPICS130	37248WF/DPICS130						1.8	2.7	1.7	0.38	69.2	
382952	382952	274	337	20	2.5	2	1.8	2.7	1.8	0.37	78.4	
382952 X3	382952 X3	274	345	15	3	2.5	1.7	2.5	1.6	0.4	73	
380652	380652	278	370	8	3	3	1.4	2.6	1.7	0.39	115	
382052	382052	277	370	20	4	3	2.2	3.3	2.2	0.3	153	
477752	477752	282	418	20	4	4	2.1	3.2	2.1	0.32	168	
380152	380152	278	418	20	2	4	1	1.4	0.9	0.7	164	
381156	381156	304	423	20	4	3	2.1	3.1	2	0.33	200	
382960	2077960	317	394	20	3	2.5	2.3	3.4	2.3	0.29	130	
382060	2077160	320	425	20	4	3	2.2	3.2	2.1	0.31	238	
LY-3120		318	408				0.97	1.44		0.94	0.7	125
381060X2/HC												
381160	1077760	327	460	20	4	3	2.1	3.2	2.1	0.32	285	
380662-XRS/HCEP59-1/M281		330	403	7		3	2	3	2	0.33	132	
380664	77764	336	438	20	3	3	1.7	2.5	1.6	0.4	180	
380664YB2	77864	340	425	20	3	3	1.8	2.7	1.8	0.37	218	



d 320~440mm

Boundary Dimensions						Basic Load Ratings		
<i>d</i>	<i>D</i>	<i>T</i>	<i>B</i>	<i>r</i> <sub>1,2min</sub>	<i>r</i> <sub>3,4min</sub>	Dynamic <i>C</i>	Static <i>C</i> <sub>0</sub>	
mm						kN		
320	480	380	380	4	4	3470	9230	
340	460	310	310	4	3	2478	5782	
	460	310	310	4	3	2680	7930	
	520	325	325	5	4	2898	5872	
	520	325	325	5	4	4150	9120	
580	425	425	425	5	4	4236	8450	
350	590	420	420	2	5	4732	8582	
360	480	310	310	4	3	2760	8360	
	480	375	375	3	3	3038	3038	
	540	325	325	5	4	3388	6524	
380	560	325	325	5	4	3066	5754	
	560	360	360	1.5	5	4850	12900	
	620	420	420	5	4	5082	9604	
385.762	514.35	317.5	317.5	0.7	3.3	3340	10200	
390	510	350	350	4	3	3760	12100	
395	545	288.7	268.7	4	7.5	1946	4032	
400	540	280	280	4	4	1946	4032	
	540	400	400	4	4	5260	11500	
	540	400	400	4	4	4400	13800	
	600	356	356	5	4	2618	6762	
420	560	437	437	3	5	4950	15800	
	620	356	356	5	4	3948	7616	
	700	480	480	6	5	7308	12360	
	760	500	500	7.5	7.5	7987	13328	
440	620	454	454	6	6	5700	16000	
	620	454	454	6	6	3962	7882	
	620	454	454	6	6	5710	18300	
	650	355	355	6	6	5030	13500	
	650	355	355	6	6	6130	7400	
	650	376	376	6	5	4326	9072	

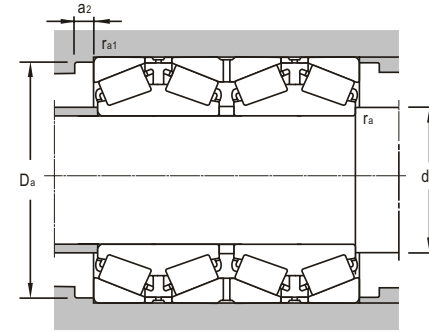
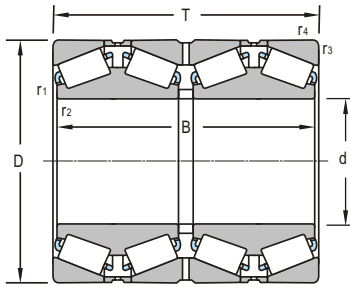
Bearing Designations		Mounting Dimensions					Calculation Factors				Mass	
Present	Original	<i>d</i> <sub>amax</sub>	<i>D</i> <sub>amin</sub>	<i>a</i> <sub>2</sub>	<i>r</i> <sub>amax</sub>	<i>r</i> <sub>1max</sub>	<i>Y</i> <sub>1</sub>	<i>Y</i> <sub>2</sub>	<i>Y</i> <sub>0</sub>	<i>e</i>	kg	
		mm										
382064/YB2	2077164	338	440	20	4	3	1.6	2.4	1.6	0.42	235	
382968	2077968	355	434	20	3	2.5	2.2	3.2	2.1	0.31	145	
		358	434	20	4	3	2.2	3.2	2.1	0.31	145	
		381068	360	486	20	4	3	2.3	3.4	2.3	0.29	234
		LY-3015	360	486	20	4	3	2.3	3.4	2.3	0.29	250
381168	1077768	365	531	20	4	3	1.6	2.4	1.6	0.42	441	
380670	77770	368	560	20	2	4	1	1.4	0.9	0.7	475	
382972	77872	378	456	16	3	2.5	2.1	3.1	2	0.33	151	
		380672	378	456	16	2.5	2.5	2	3	2	0.33	189
		381072	380	504	20	4	3	2.3	3.3	2.2	0.3	248
381076	77176	405	530	20	4	3	2.2	3.2	2.1	0.31	281	
		380676	524	402	20	1.5	4	1.6	2.3	1.5	0.43	304
		381176	405	570	20	4	3	1.6	2.2	1.5	0.46	519
3806/385.762-2LS		401	486	7		3	1.7	2.5	1.6	0.4	177	
380678/H/C		408	475	20	4	3	2.1	3.1	2	0.33	184	
380679	77779	415	504	16	3	6	1.5	2.3	1.5	0.44	194	
380680	77880	420	510	16	3	3	1.5	2.3	1.5	0.44	175	
		382980-2LS/YA3	2	3	2	0.33	250					
382980/H/C	2077980S	420	510	16	3	3	2.2	3.2	2.1	0.31	258	
		381080	420	560	20	4	3	1.7	2.5	1.6	0.4	317
382084X3/H/C	77184	440	530	16	2.5	4	2.2	3.2	2.1	0.31	292	
		381084	450	570	20	4	3	1.6	2.5	1.6	0.41	358
		381184	460	645	25	5	4	2.1	3.2	2.1	0.32	760
		380684	460	724	16	6	6	1.9	2.8	1.9	0.35	1039
440KVE6201EG	77888	469	570	20	5	5	1.7	2.5	1.6	0.4	440	
		380688	469	570	20	5	5	1.7	2.5	1.6	0.4	440
380688W		469	570	20	5	5	1.7	2.5	1.6	0.4	438	
380088FW		468	618	20	5	5	1.6	2.3	1.5	0.43	395	
380088E/YB2	77888E	450	620	20	5	14	2.1	3.1	2	0.33	401	
		381088	469	606	20	5	4	1.6	2.3	1.5	0.43	401



d 460--660mm

d	Boundary Dimensions					Basic Load Ratings	
	D	T	B	r <sub>1,2min</sub>	r <sub>3,4min</sub>	Dynamic C	Static C <sub>0</sub>
mm							
kN							
<b>460</b>	610		360	3	3.5	4480	13800
	620	310	310	4	3	3402	7350
	650	474	474	6	6	5292	11270
	680	410	410	6	5	5665	11235
	730	440	440	4	7.5	6062	11438
<b>480</b>	700	420	420	6	5	5922	12600
<b>490</b>	625	385	385	7	4	4510	15100
	625		385	3		4680	16000
<b>500</b>	720	420	420	6	5	5950	12768
<b>510</b>	655		377	6	6.4	5220	17900
<b>530</b>	730	535	535	5	5	8510	26800
	780	450	450	6	5	7602	15960
	870	590	590	7.5	6	10038	20300
	880	544	544	7.5	7.5	9394	18340
<b>540</b>	690		400	3	6	5630	19100
<b>560</b>	750	368	368	5	4	4424	10374
	920	620	620	7.5	6	12138	20300
<b>570</b>	810	590	590	3.3	6.4	10900	34600
<b>600</b>	800	380	380	5	4	4728	11652
	870	480	480	6	5	7212	15960
	980	650	650	7.5	6	11808	24480
<b>625</b>	815	480	480	3.3	6.4	8870	30400
<b>630</b>	850	418	418	6	5	7472	17600
	920	515	515	7.5	6	9975	20860
	1030	670	670	7.5	6	10755	31080
<b>650</b>	1030	560	560	7.5	12	11466	22050
<b>660</b>	1070	640	640	7.5	7.5	12600	26500

Bearing Designations		Mounting Dimensions					Calculation Factors				Mass
Present	Original	d <sub>amax</sub>	D <sub>amin</sub>	a <sub>2</sub>	r <sub>amax</sub>	r <sub>a1max</sub>	Y <sub>1</sub>	Y <sub>2</sub>	Y <sub>0</sub>	e	kg
mm											
<b>380692-2LS</b>		492	555				2	3	2	0.33	280
<b>381992</b>	1077992	480	590	25	3	2.5	1.7	2.5	1.7	0.4	173
<b>380692</b>	77892	484	580	25	5	4	1.7	2.5	1.6	0.41	495
<b>381092</b>	77192	489	636	25	5	4	2.2	3.2	2.1	0.31	476
<b>380692/YB2</b>	77792	489	694	25	3	6	0.9	1.3	0.9	0.75	694
<b>381092</b>	77196	510	655	25	5	4	2.1	3.2	2.1	0.32	547
<b>490KV6201GS3/C9</b>		520	590	25	6	3	2.1	3.2	2.1	0.32	279
<b>380696-2LS/YA(511060530200052)</b>		520	590	25	6	3	2.1	3.2	2.1	0.32	277
<b>3810/500</b>	771/500	530	674	25	5	4	2.1	3.1	2	0.33	565
<b>NP90789/NP38221</b>		526	628				2.05	3.04	0.98	0.33	316
<b>3806/530/HC YB</b>		550	682	25	4	4	2	3	2	0.33	681
<b>3810/530</b>	771/530	560	742	25	5	4	1.8	2.7	1.7	0.38	744
<b>3811/530</b>	10777/530	570	794	25	6	5	1.6	2.2	1.5	0.46	1422
<b>3806/530</b>	30777/530	570	794	25	6	6	1.6	2.2	1.5	0.46	1350
<b>3806/540/HC</b>		571	637				2	3	2	0.33	360
<b>3819/560</b>	10779/560	586	710	30	4	3	1.6	2.3	1.5	0.43	456
<b>3811/560</b>	10777/560	604	848	25	6	5	1.7	2.6	1.7	0.39	1635
<b>3806/570</b>		593	755	25	3	6	2	3	2	0.33	993
<b>3819/600</b>	10779/600	625	760	30	4	3	2.1	3.1	2	0.33	536
<b>3810/600</b>	771/600	630	821	30	5	4	1.6	2.5	1.6	0.41	995
<b>3811/600</b>	10777/600	644	908	25	6	5	2.1	3.2	2.1	0.32	1970
<b>BT4-8031E/C800</b>		653	769	20	3	5	2	3	2	0.33	659
<b>3819/630</b>	10779/630	657	800	30	5	4	1.7	2.5	1.6	0.4	720
<b>3800/630</b>	771/630	669	858	30	6	5	1.6	2.4	1.6	0.42	1158
<b>3811/630</b>	10777/630	673	959	30	6	5	2.2	3.3	2.2	0.3	2170
<b>3806/650</b>	777/650	684	962	30	6	9.5	2.1	3.2	2.1	0.3	1769
<b>3806/660</b>	777/660	738	950	12	6	6	2.2	3.2	2.1	0.31	2282



d 670~1060mm

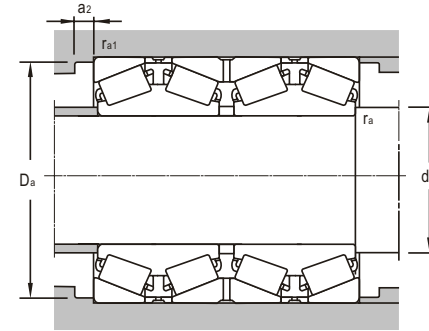
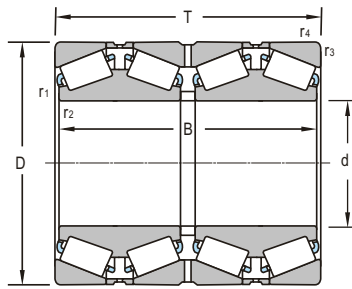
Boundary Dimensions						Basic Load Ratings	
<i>d</i>	<i>D</i>	<i>T</i>	<i>B</i>	<i>r</i> <sub>1,2min</sub>	<i>r</i> <sub>3,4min</sub>	Dynamic <i>C</i>	Static <i>C</i> <sub>0</sub>
mm						kN	
670	900	412	412	6	5	7545	17360
710	1030 1150	555 750	555 750	7.5 9.5	6 8	9828 15840	22560 33960
711.2	899.4 914.4	390 390	390 390	3.3 2	6 5	7030 6060	24000 18700
750	1090 1130 1220 1220	605 690 840 840	605 690 840 840	7.5 7.5 9.5 9.5	6 7.5 8 8	11580 12720 18590 18590	26760 27960 41470 41470
800	1240	850	850	9.5	8	20600	67200
850	1360	900	900	12	9.5	25900	76000
950	1360	880	880	7.5	6	1700	44200
1060	1500	1000	1000	9.5	8	21300	56300

Bearing Designations		Mounting Dimensions					Calculation Factors				Mass
Present	Original	<i>d</i> <sub>amax</sub>	<i>D</i> <sub>amin</sub>	<i>a</i> <sub>2</sub>	<i>r</i> <sub>amax</sub>	<i>r</i> <sub>A1max</sub>	<i>Y</i> <sub>1</sub>	<i>Y</i> <sub>2</sub>	<i>Y</i> <sub>0</sub>	<i>e</i>	kg
		mm									
3819/670	10779/670	700	855	30	5	4	1.5	2.3	1.5	0.44	959
3810/710	771/710	752	962	30	6	5	1.6	2.3	1.5	0.43	1568
3811/710	10777/710	762	1078	30	8	6	2.1	3.2	2.1	0.32	3227
3806/711.2		735	856	30	3	5	1.8	2.7	1.8	0.37	574
3806/711.2-2LS/YA4		742	865	7	2	4	1.8	2.7	1.7	0.38	602
3810/750	771/750	793	1020	30	6	5	1.6	2.4	1.6	0.42	1880
3806/750	777/750	790	1076	30	6	6	1.4	2.1	1.4	0.47	2549
3811/750	10777/750	807	1130	30	8	6	2.1	3.2	2.1	0.32	3994
3811/750/YA	10777/750Y	807	1130	30	8	6	2.1	3.2	2.1	0.32	3994
3811/750/YA1	10777/750Y1	807	1130	30	8	6	2.1	3.2	2.1	0.32	3994
3811/800 X1		816	1130	30	8	22	2.2	3.3	2.2	0.3	3950
3811/850	10777/850	900	1200	30	9.5	8	2	2.98	2	0.34	5168
3820/950	20771/950	1000	1290	30	6	5	2.6	3.8	2.5	0.26	4087
3820/1060	20771/1060	1117	1420	30	8	6	2.6	3.8	2.5	0.26	5698



Taper Roller Bearings

four-row (inch size)



d 127~300. 038mm

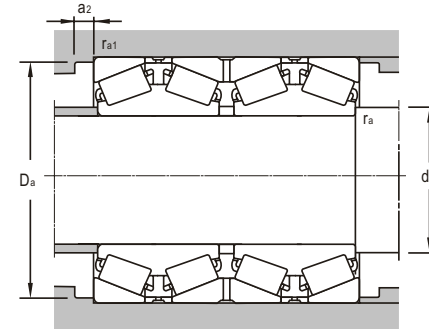
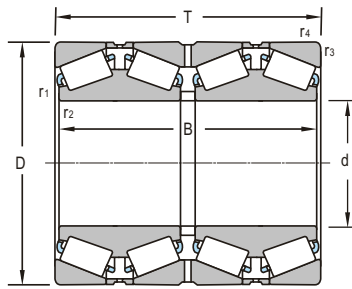
Boundary Dimensions						Basic Load Ratings	
<i>d</i>	<i>D</i>	<i>T</i>	<i>B</i>	<i>r</i> <sub>1,2min</sub>	<i>r</i> <sub>3,4min</sub>	Dynamic <i>C</i>	Static <i>C</i> <sub>0</sub>
mm						kN	
127	182.562	158.75	158.75	1.5	3.3	721	1500
133.35	196.85		193.675		3.3	995	2100
139.7	200.025	160.34	157.165	0.8	3.3	727	2000
152.4	222.25	174.625	174.625	1.5	1.5	1050	2470
165.1	225.425	168.275	165.1	0.8	3.3	809	2100
181.808	259.969	161.925	144.465	1.5	0.5	747	1210
190.5	266.7	188.912	187.325	1.5	3.3	1250	3130
203.2	317.5	266.7	266.7	1.5	3.3	1720	4330
206.375	282.575	210	210	1	3.3	1320	3800
220.662	314.325	239.712	239.712	1.6	3.2	2050	5060
244.475	327.025	193.675	193.675	1.5	3.3	1720	4200
	381	304.8	304.8	3.3	4.8	2310	5850
254	358.775	269.875	269.875	3.5	3.3	2040	6220
	358.775		269.875		3.3	2070	5480
260.35	422.275	317.5	314.325	6.4	3.3	3480	7800
266.7	355.6	228.6	230.188	1.5	3.3	1643	5282
269.875	381	282.58	282.58	2.5	2.5	2710	6350
279.4	393.7	269.875	269.875	1.5	6.4	2240	6210
	393.7	269.875	269.875	2	5	2240	6210
		393.7	269.875	1.5	6.4	2850	6200
292.1	422.275	269.875	269.875	6.4	3.3	2540	6710
294.9	390		220	3	4	1720	4790
300.038	422.275	311.15	311.15	3.3	3.3	2960	8230

Bearing Designations		Mounting Dimensions					Calculation Factors				Mass
Present	Original	<i>d</i> <sub>amax</sub>	<i>D</i> <sub>amin</sub>	<i>a</i> <sub>2</sub>	<i>r</i> <sub>amax</sub>	<i>r</i> <sub>a1max</sub>	<i>Y</i> <sub>1</sub>	<i>Y</i> <sub>2</sub>	<i>Y</i> <sub>0</sub>	<i>e</i>	kg
		mm									
48290DW4822048220D		137	168	4.5	1.5	3.3	2.3	3.4	2.2	0.3	14
3806/133.35/HIC		142	180		3.3	1.5	2.9		2	0.34	19.1
46880D46820046820D		150	185	5.5	0.8	3.3	2	3	2	0.33	16
M231648DM231610/M231610D		164.5	207	4.5	1.5	1.5	2	3	2	0.33	22.5
46791D46720046721D		175	209	2.5	0.8	3.3	1.8	2.7	1.8	0.37	20.5
LM2395307LM239546TD/LM239549T	3-771	205	252	16	1.5	1	0.47	1.44	2.2	0.5	25.2
67885D67820067820D		204	246	4	1.5	3.3	1.4	2.1	1.4	0.48	33.5
93800DW9312593127D		222	286	8.5	1.5	3.3	1.3	1.9	1.3	0.53	77.5
206KV2857		268	216	8	1	3.3	1.6	2.3	0.43	1.5	38.6
M244248DM244210/M244210D		235	293	6.5	1.5	3	2	3	2	0.33	61.5
LM247748DWLM247710/LM247710D		260	300	8	1.5	2.5	2.1	3.1	2.1	0.32	44.1
EE126096D/EE126150/EE126151D		269	343	4	3.3	4.8	1.2	1.9	1.2	0.52	128
477513627AWFDPGCS130		273	335	7.5	3.3	3.3	2	3	2	0.33	85.6
3806/254-2L.SYA		267	335		3.3	1.5	2	3	2	0.33	81
HM252349D/HM252310/HM252310D		287	394	20	6	3	2	3	2	0.33	170
LM451349DWLM451310/LM451310D		281	335	7	1.5	3.3	1.8	2.8	1.8	0.36	59.4
M252349D/M252310/M252310D	3-729	290	356	8.5	2.5	2.5	2	3.1	2	0.33	99.9
EE135111D/EE135155/EE135156D		297	368	6	1.5	6.4	1.7	2.6	1.7	0.38	102
477563927AWHDPGCS155		297	368	6	1.5	3.3	1.7	2.5	1.7	0.4	97.5
KM652849DGM652811/KM652811D		304	361	9.5	6.4	1.6	1.77	2.64	1.73	0.38	105
EE330118D/330168/330167D		314	394	3	3.3	3.3	1.9	3.2	1.9	0.31	122
3806/294.9/HIC		309	368				2	3	2	0.34	68.6
HM256849D/HM256810/HM256810D/HG2		322	394		3.3	3.3	1.8	2.8	1.8	0.36	130



Taper Roller Bearings

four-row (inch size)



d 304.8~456.794mm

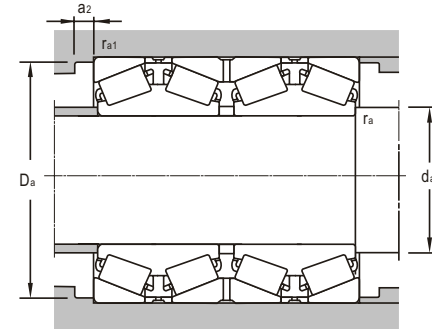
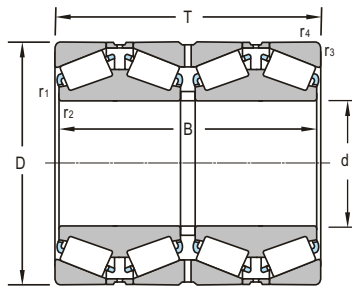
d	Boundary Dimensions					Basic Load Ratings	
	D	T	B	r <sub>1,2min</sub>	r <sub>3,4min</sub>	Dynamic C	Static C <sub>0</sub>
mm							
kN							
304.8	419.1 501.65	269.875 336.55	269.875 336.55	1.5 3.3	6.4 6.4	2500 4600	7180 10600
304.902	412.648 412.648	266.7	266.7	3.2 3.3	3.2 3.3	2880 2490	7100 7370
317.5	422.275 447.675	327.025	269.875 327.025	3.2	3.3 3.2	2320 2870	6740 9280
341.312	457.098	254	254	2.5	6	2430	6870
342.9	533.4	301.625	307.985	3.2	3.2	2990	7370
343.052	457.089 457.098 457.098 457.098	254	254	1 2.5 2.5 2.5	3 6 6 6	2440 2475 2430 2430	6920 6210 6870 6870
355.6	457.2 482.6 482.6	252.413 269.875	252.413 265.112 265.113	1.6 1.5	3.2 3.3 3.3	2300 3030 2740	7420 7640 7720
374.65	501.65		250.825		3.5	2560	7110
384.175	546.1	400.05	400.05	3.2	6.4	5500	16200
385.762	514.35 514.35		317.5 317.5	3.3 1	3.3 3.3	3650 3340	11300 10200
406.4	565.15	381	381	3.3	6.4	4950	14400
409.575	546.1 546.1 546.1	334.962	334.962	3.8 1.5 3.3	6.4 6.4 6.4	4460.09 3940 3410	11000 12000 10100
415.925	590.55	434.975	434.975	3.3	6.4	6820	18800
431.8	571.5	279.4	279.4	1.6	3.2	3470	9750
456.794	761.873		527.05	3.3	6.4	9580	23100

Bearing Designations		Mounting Dimensions					Calculation Factors				Mass
Present	Original	d <sub>amax</sub>	D <sub>amin</sub>	a <sub>2</sub>	r <sub>amax</sub>	r <sub>amin</sub>	Y <sub>1</sub>	Y <sub>2</sub>	Y <sub>0</sub>	e	kg
mm											
M257148DWM257110M257110D		322	392	6.5	1.5	6.4	2.1	3.1	2.1	0.32	128
HM25948DHM25910HM25910D		332	464		3.3	6.4	1.8	3	1.8	0.33	239
M257248DWM257210M257210D	3-768	325	388	6.5	3.2	3.2	2.1	3.1	2.1	0.32	109
M257248DWS10S110S		327.1	385.5	7	3.2	3.2	2.12	3.15	2.07	0.32	104
3806/317.5-2LS		342	382				2.2	3.3	2.2	0.31	99
HM25948DHM25910HM25910D		340	418		3.2	3.2	2.1	3.1	2.1	0.33	162
LM761648DLM761610LM761610D		360	432	4.5	1.5	3.3	1.4	2.1	1.4	0.47	113
911355D972100972100D		360	479		3.2	3.2	2	3	2	0.33	239
BT4B328817E/IC475											109
LM761648DGLM761610LM761610D	3-722	360	430	20	1.5	3	1.4	2.1	1.4	0.47	111
LM761648DGLM761610LM761610D	3-722K	355	430	20	1.5	3	1.4	2.1	1.4	0.47	111
LM761648DGLM761610LM761610D	3-722K1	355	430	20	1.5	3	1.4	2.1	1.4	0.47	109
LM761648DGLM761610LM761610D		355	430	5	1.5	4	1.4	2.1	0.47	1.4	112
LM263148DLM263110LM263110D		372	434	6	1.5	3.2	1.9	3.1	1.9	0.32	98.9
LM763448DLM763410LM763410D		375	453	3.5	1.5	3.3	1.4	2.1	1.4	0.48	140
LY-3126		380	436				1.5	2.2	1.4	0.46	136
3806/374.65-2LS		400	452				1.4	2.1	1.4	0.48	133
HM266448DHM266410HM266410D		411	507	12	3.2	6.4	2	3	2	0.33	310
LM665948DGLM665910SLM665910SX		406	477.2	9	3.2	3.2	1.61	2.4	1.58	0.42	180
3806/385.762-2LS		414	460				1.6	2.3	1.6	0.43	177
M267948DWM267910M267910D		425	528	5	3.3	6.4	2	3	2	0.33	291
409KV491GS30CS		431	510	9	3.3	6.4	1.4	2.1	1.4	0.42	208
M667947DGLM667910LM667910ES		431.6	510	8	6.4	1.6	1.62	2.42	1.59	0.42	211
3806/409.575-2LS		431	510	9	1.5	6	1.6	2.3	1.4	0.43	205
M288748DLM288710M288710D		444	549		1.6	3.2	2	3	2	0.33	395
LM669448DLM669410LM669410D		453	534	5	1.5	3.2	1.25	1.85	1.3	0.54	200
EE42176DLM252942529D		520	685	8	6.4	3.2	1.52	2.26	1.49	0.44	993



Taper Roller Bearings

four-row (inch size)



d 457.2~711.2mm

Boundary Dimensions						Basic Load Ratings	
<i>d</i>	<i>D</i>	<i>T</i>	<i>B</i>	<i>r</i> <sub>1,2min</sub>	<i>r</i> <sub>3,4min</sub>	Dynamic <i>C</i>	Static <i>C</i> <sub>0</sub>
mm						kN	
457.2	596.9	279.4	276.225	1.5	3.3	3090	9300
482.6	615.95	425	425	6.4	6.4	4110	13700
488.95	622.3	365.125	365.125	4	3	4900	14400
	622.3	365.125	365.125	6.4	6.4	3350	11100
501.65	711.2	520.7	520.7	5	5	7300	25600
	711.2	520.7	520.7	25	6.4	7130	21200
508	762	463.55	463.55	4	4	9500	22700
	762	463.55	463.55	25	4	7140	17800
558.8	736.6		450	3.3	6.4	6920	22900
	736.6		409.575	3.3	6.4	7440	20520
	736.6	457.2	593.72	3.3	6.4	7370	24500
	736.6	409.575	409.575	3.3	6.4	6010	19100
571.5	812.8	593.72	593.72	3.2		12500	35000
584.2	762	401.638	369.875	3.3	6.4	6030	20400
	762		396.875	3.3	6.4	5840	19500
585.788	771.525	479.425	479.425	3.3	6.4	7610	24600
	771.525		479.425	3.3	6.4	7610	24600
	771.525	479.425	479.425	3.3	6.4	7710	25100
	771.525	479.425	479.425	3.3	6.4	7710	25100
595.312	844.55		615.9	3.3	6.4	11900	37400
603.25	857.25		622.3	3.3	6.4	13400	37700
	857.25		622.3	3.3	6.4	13400	37700
660.011	855.015	319.99	319.99	5	5	5490	17700
685.8	876.3	355.6	352.42	2.5	4	7400	22200
	876.3	355.6	352.42	3.3	6.4	5200	16500
711.2	914.4	390	390	2	5	6060	18700

Bearing Designations		Mounting Dimensions					Calculation Factors				Mass
Present	Original	<i>d</i> <sub>amax</sub>	<i>D</i> <sub>amin</sub>	<i>a</i> <sub>2</sub>	<i>r</i> <sub>amax</sub>	<i>r</i> <sub>1max</sub>	<i>Y</i> <sub>1</sub>	<i>Y</i> <sub>2</sub>	<i>Y</i> <sub>0</sub>	<i>e</i>	kg
		mm									kg
L770847DW/L770810/L770810D		504	561	6	1.5	3.3	1.4	2.1	1.4	0.4	200
3806/482.6-2LS/YA3							2	3	2	0.33	300
3806/488.95	3-720	516	585	10	3.3	2.5	2	3	2	0.33	266
3806/488.95-2LS/YA3							1.7	2.5	1.7	0.39	262
3806/501.65-2LS/YA3	3-755	534	663		3.3	3.3	2	3	2	0.33	699
							1.7	2.8	1.7	0.36	655
EES3120/D/EES31300/S3101/XD	3-721	533	717	8	3.3	3.3	1.8	2.6	1.8	0.38	715
3806/508-2LS/YA3							1.6	2.7	1.6	0.37	708
3806/558.8/HFC		597	670				1.9	2.9	1.8	0.35	514
LM37748D/LM377410/LM377410CD		580	712	11	6.4	3.2	1.95	2.93	1.93	0.35	470
LM27748D/LM277110/LM277110D/L2		580	696	10	3.3	6.4	1.9	2.8	1.9	0.35	527
LM37748D/LM377410/LM377410CD		583	696	8	3.3	6.4	1.9	2.8	1.9	0.35	461
M278748D/M278710/M278710D	3-752	609	756		3.2	6.4	2	3	2	0.33	1007
LM778548D/LM778510/LM778510D		608	717	8	3.3	6.4	1.4	2.1	1.4	0.47	488
LM778548D/LM778510/LM778510D		618	715	8.5	6.4	3.2	1.43	2.12	1.4	0.47	472
LM278848D/LM278810-1/LM278810D-1		610	726	8	3.3	6.4	2	3	2	0.33	586
LM278848D/LM278810-3/LM278810D-3(1008)		622	725	9.5	6.4	3.2	2.03	3.02	1.98	0.33	586
LM278848D/LM278810/LM278810D		615	726	5	3.3	6.4	2	3	2	0.33	594
LM278848D/LM278810/LM278810D		615	726	5	3.3	6.4	2	3	2	0.33	594
M280048D/GW/J5/10/J5/10/J5		653	749				2	3	2	0.33	1162
M280248D/GWA/10A/10C		652	788	12	6.4	3.2	2.03	3.02	1.98	0.33	1177
M280248D/GWA/10A/10C		652	788	12	6.4	3.2	2.03	3.02	1.98	0.33	1177
660/V852G53		684	810	10	3.3	3.3	1.2	1.9	1.2	0.52	466
EE655271D/W/655345/655348D	3-719	717	831	3	2.5	4	1.6	2.4	1.6	0.41	579
3806/685.8-2LS/YA3							1.6	2.7	1.6	0.37	529
3806/711.2-2LS/YA3		753	873	4	2	5	1.6	2.7	1.6	0.38	615