



Inch taper roller bearing

Designation	Principal dimensions			Basic load ratings		Speed ratings		Weight
	(mm/inch)			KN		rpm		
	d	D	T	dyc Cr	stc Cor	Speed Ratings	Limiting Speed	
A4059/A4138	14.989	34.988	10.998	13.4	13.2	16000	24000	0.051
-	0.5906	1.3775	0.4326	-	-	-	-	-
*03062/03162/Q	15.875	41.275	14.288	25.5	21.2	15000	20000	0.09
-	0.625	1.625	0.5625	-	-	-	-	-
11590/11520/Q	15.875	42.862	14.288	17.6	17.6	12000	17000	0.1
-	0.625	1.6875	0.5625	-	-	-	-	-
*LM11749/710/Q	17.462	39.878	13.843	24.5	20.8	15000	20000	0.081
-	0.6875	1.57	0.545	-	-	-	-	-
*LM11749/710/QVC 027	17.462	39.878	13.843	24.5	20.8	15000	20000	0.081
-	0.6875	1.57	0.545	-	-	-	-	-
*LM11949/910/Q	19.05	45.237	15.494	31.5	27.5	13000	18000	0.12
-	0.75	1.781	0.61	-	-	-	-	-
09067/09195/Q	19.05	49.225	19.845	39.1	40	11000	17000	0.17
-	0.75	1.938	0.71	-	-	-	-	-
09074/09195/QVQ4 94	19.05	49.225	19.845	39.1	40	11000	17000	0.18
-	0.75	1.938	0.71	-	-	-	-	-
LM12748/710	21.43	45.237	15.494	27.5	31	11000	17000	0.12
-	0.8437	1.781	0.61	-	-	-	-	-
*M12649/610/Q	21.43	50.005	17.526	42.5	38	12000	16000	0.17
-	0.8437	1.9687	0.69	-	-	-	-	-
*LM12749/710/Q	21.986	45.237	15.494	31.5	31	12000	17000	0.12
-	0.8656	1.781	0.61	-	-	-	-	-
*LM12749/711/Q	21.986	45.974	15.494	31.5	31	12000	17000	0.12
-	0.8656	1.81	0.61	-	-	-	-	-
*1380/1328/Q	22.225	52.388	19.368	48	44	11000	15000	0.2
-	0.875	2.0625	0.7625	-	-	-	-	-
*L44643/610/Q	25.4	50.292	14.224	30	30	11000	15000	0.13

-	1	1.98	0.56	-	-	-	-	-
*07100S/07210X/Q	25.4	50.8	15.011	32	30.5	11000	15000	0.13
-	1	2	0.591	-	-	-	-	-
15578/15520	25.4	57.15	17.462	40.2	45.5	9000	13000	0.23
-	1	2.25	0.6875	-	-	-	-	-
*M84548/2/510/2/Q VQ506	25.4	57.15	19.431	45.5	45	10000	13000	0.23
-	1	2.25	0.765	-	-	-	-	-
15101/15245	25.4	62	19.05	48.4	57	9500	14000	0.31
-	1	2.4409	0.75	-	-	-	-	-
*15103S/15243/Q	26.157	61.912	19.05	56	57	9000	12000	0.29
-	1.0298	2.4375	0.75	-	-	-	-	-
*15103S/15245/Q	26.157	62	19.05	56	57	9000	12000	0.29
-	1.0298	2.4409	0.75	-	-	-	-	-
*L44649/610/Q	26.988	50.292	14.224	30	30	11000	15000	0.11
-	1.0625	1.98	0.56	-	-	-	-	-
*1982F/1924A/QVQ 519	27.5	57.15	19.845	52	51	10000	13000	0.22
-	1.0826	2.25	0.7813	-	-	-	-	-
*1985/1922/Q	28.575	57.15	19.845	54	55	10000	13000	0.22
-	1.125	2.25	0.7813	-	-	-	-	-
1988/1922/Q	28.575	57.15	19.845	47.3	55	9000	13000	0.22
-	1.125	2.25	0.7813	-	-	-	-	-
*M86647/610/QCL7 C	28.575	64.292	21.433	56	61	8500	11000	0.35
-	1.125	2.5312	0.8438	-	-	-	-	-
02872/02820/Q	28.575	73.025	22.225	99	140	7000	10000	1.05
-	1.125	2.875	0.875	-	-	-	-	-
*L45449/410/Q	29	50.292	14.224	30	32.5	11000	14000	0.11
-	1.1417	19800	0.56	-	-	-	-	-
*M86649/2/610/2/Q VQ506	30.162	64.292	21.433	56	61	8500	11000	0.33
-	1.1875	2.5312	9.8435	-	-	-	-	-
*M88043/010/2/QC L7C	30.162	68.262	22.225	63	69.5	8000	11000	0.41
-	1.1875	2.6875	0.875	-	-	-	-	-
*LM67048/010/Q	31.75	59.131	15.875	40	41.5	9500	12000	0.18
-	1.25	2.328	0.625	-	-	-	-	-

*15123/15243/Q	31.75	61.912	19.05	56	57	9000	12000	0.24
-	1.25	2.4375	0.75	-	-	-	-	-
*15123/15245/Q	31.75	62	19.05	56	57	9000	12000	0.24
-	1.25	2.4409	0.75	-	-	-	-	-
HM88542/510/Q	31.75	73.025	29.37	70.4	95	6700	10000	0.62
-	1.25	2.875	1.1563	-	-	-	-	-
*HM88542/2/510/2/ QCL7C	31.75	73.025	29.37	81.5	95	7500	10000	0.62
-	1.25	2.875	1.1563	-	-	-	-	-
*M88048/2/010/2/Q CL7C	33.338	68.262	22.225	63	69.5	8000	11000	0.38
-	1.3125	2.6875	0.875	-	-	-	-	-
14131/14276/Q	33.338	69.012	19.845	53.9	67	7500	11000	0.35
-	1.3125	2.717	0.7813	-	-	-	-	-
*LM48548/510/Q	34.925	65.088	18.034	54	57	8500	11000	0.25
-	1.375	2.5625	0.71	-	-	-	-	-
*LM48548A/510/Q	34.925	65.088	18.034	54	57	8500	11000	0.25
-	1.375	2.5625	0.71	-	-	-	-	-
14137A/14276/Q	34.925	69.012	19.845	53.9	67	7500	11000	0.34
-	1.375	2.717	0.7813	-	-	-	-	-
*HM88649/2/610/2/ QCL7C	34.925	72.233	25.4	78	90	7500	10000	0.5
-	1.375	2.8438	1	-	-	-	-	-
25877/2/25821/2/Q	34.925	73.025	23.812	72.1	88	7000	10000	0.47
-	1.375	2.875	0.9375	-	-	-	-	-
*23690/23620/QCL 7C	34.925	73.025	26.988	88	93	8000	10000	0.52
-	1.375	2.875	1.0625	-	-	-	-	-
31594/31520/Q	34.925	76.2	29.37	85.8	106	6700	10000	0.63
-	1.375	3	1.1563	-	-	-	-	-
*HM89446/2/410/2/ QCL7C	34.925	76.2	29.37	90	106	7000	9500	0.66
-	1.375	3	1.1563	-	-	-	-	-
*L68149/110/Q	34.988	59.131	15.875	38	44	9000	12000	0.17
-	1.3775	2.328	0.625	-	-	-	-	-
*L68149/111/Q	34.988	59.974	15.875	38	44	9000	12000	0.17

-	1.3775	2.3612	0.625	-	-	-	-	-
*29685/2/29620/3/Q	73.025	112.712	25.4	114	156	4500	6000	0.89
-	2.875	4.4375	1	-	-	-	-	-
33287/33462/Q	73.025	117.475	30.162	123	190	4000	6000	1.2
-	2.875	4.625	1.1875	-	-	-	-	-
567/563	73.025	127	36.512	176	255	3800	5600	1.8
-	2.875	5	1.4375	-	-	-	-	-
*L814749/710/QCL7C	76.2	109.538	19.05	67	102	4500	6000	0.6
-	3	4.3125	0.75	-	-	-	-	-
42687/42620	76.2	127	30.162	138	204	3800	5300	1.9
-	3	5	1.1875	-	-	-	-	-
47678/47620/Q	76.2	133.35	33.338	165	260	3400	5000	1.9
-	3	5.25	1.3125	-	-	-	-	-
575/572/Q	76.2	139.992	36.512	187	280	3400	5000	2.45
-	3	5.5115	1.4375	-	-	-	-	-
9285/9220/CL7C	76.2	161.925	49.212	260	335	2800	4000	4.4
-	3	6.375	1.9375	-	-	-	-	-
*LM814849/2/810/2/Q	77.788	117.475	25.4	116	163	4300	5600	0.9
-	3.0625	4.625	1	-	-	-	-	-
580/572/Q	82.55	139.992	36.512	187	280	3400	5000	2.2
-	3.25	5.5115	1.4375	-	-	-	-	-
663/653/Q	82.55	146.05	41.275	220	320	3200	4800	2.8
-	3.25	5.75	1.625	1.25	0.14	-	-	-
665/653/Q	85.725	146.05	41.275	220	320	3200	4800	2.8
-	3.375	5.75	1.625	-	-	-	-	-
593/592A/Q	88.9	152.4	39.688	194	305	3000	4500	2.8
-	3.5	6	1.5625	-	-	-	-	-
598/592A/Q	92.075	152.4	39.688	194	305	3000	4500	2.7
-	3.625	6	1.5625	-	-	-	-	-
47896/47820/Q	95.25	146.05	33.338	168	280	3200	4500	1.9
-	3.75	5.75	1.3125	-	-	-	-	-
594/592A/Q	95.25	152.4	39.688	194	305	3000	4500	2.55
-	3.75	6	1.5625	-	-	-	-	-
594A/592A/Q	95.25	152.4	39.688	194	305	3000	4500	2.55
-	3.75	6	1.5625	-	-	-	-	-
683/672	95.25	168.275	41.275	233	365	2800	4000	3.8
-	3.75	6.625	1.625	-	-	-	-	-
*90381/90744/HA1CL7C	96.838	188.913	53.297	325	375	2600	3400	5.7

-	3.8125	7.4375	2.0893	-	-	-	-	-
687/672	101.6	168.275	41.275	233	365	2800	4000	3.45
-	4	6.625	1.625	-	-	-	-	-
37425/2/37625/2/Q	107.95	158.75	23.02	101	163	2800	4300	1.4
-	4.25	6.25	0.9063	-	-	-	-	-
64450/64700	114.3	177.8	41.275	251	415	2600	3800	3.6
-	4.5	7	1.625	-	-	-	-	-
68450/68712	114.3	180.975	34.925	183	280	2600	3800	2.95
-	4.5	7.125	1.375	-	-	-	-	-
48290/48220/Q	127	182.562	39.688	229	440	2400	3600	3.3
-	5	7.1875	1.5625	-	-	-	-	-
67388/67322	127	196.85	46.038	319	585	2200	3400	5.2
-	5	7.75	1.8135	-	-	-	-	-
L327249/210	133.35	177.008	25.4	134	280	2400	3600	1.8
-	5.25	6.9688	1	-	-	-	-	-
67391/67322	133.35	196.85	46.038	319	585	2200	3400	4.8
-	5.25	7.75	1.8135	-	-	-	-	-
HM231132/110	139.7	236.538	57.15	512	850	1900	2800	10
-	5.5	9.3125	2.25	-	-	-	-	-
HM231148/110	149.225	236.538	57.15	512	850	1900	2800	10
-	5.875	9.3125	2.25	-	-	-	-	-
*M231649/610/VQ0 51	152.4	222.25	46.83	375	630	2200	3000	5.9
-	6	8.75	1.8437	-	-	-	-	-
L432348/310	158.75	205.583	23.812	138	280	2000	3000	1.95
-	6.25	8.0938	0.9375	-	-	-	-	-
L432349/310	158.75	205.583	23.812	138	280	2000	3000	1.95
-	6.25	8.0938	0.9375	-	-	-	-	-
36990/36920	177.8	227.012	30.162	187	425	1800	2800	3
-	7	8.9375	1.1875	-	-	-	-	-
M336948/912	178.595	265.112	51.595	495	880	1700	2400	9.6
-	7.0313	10.4375	2.0313	-	-	-	-	-
M336949/912	179.934	265.112	51.595	495	880	1700	2400	9.4
-	7.084	10.4375	2.0313	-	-	-	-	-
87737/87111	187.325	282.575	50.8	402	695	1600	2200	9.8

-	7.375	11.125	2	-	-	-	-	-
M239449/410	190.475	279.4	52.388	523	980	1600	2200	9.5
-	7.499	11	2.0625	-	-	-	-	-
87750/87111	190.5	282.575	50.8	402	695	1600	2200	9.6
-	7.5	11.125	2	-	-	-	-	-
M239448A/410	191.237	279.4	52.388	523	980	1600	2200	9.2
-	7.529	11	2.0625	-	-	-	-	-
LL639249/210	196.85	241.3	23.812	154	315	1700	2600	2
-	7.75	9.5	0.9375	-	-	-	-	-
LL639249/2/210/4	196.85	241.3	23.812	154	315	1700	2600	2
-	7.75	9.5	0.9375	-	-	-	-	-
LM739749/710/VE1 74	196.85	257.175	39.688	275	655	1600	2400	5.3
-	7.75	10.125	1.5625	-	-	-	-	-
*LM241147/110/QV Q051	200.025	276.225	42.862	450	780	1700	2200	7.7
-	7.875	10.875	1.6875	-	-	-	-	-
*LM241148/110/QV Q051	203.987	276.225	42.862	450	780	1700	2200	7.25
-	8.031	10.875	1.6875	-	-	-	-	-
67985/67920/HA3V Q117	206.375	282.575	46.038	380	830	1500	2200	8.6
-	8.125	11.125	1.8125	-	-	-	-	-
LM742749/710/VE1 74	215.9	285.75	46.038	380	850	1500	2200	7.9
-	8.5	11.25	1.8125	-	-	-	-	-
LM742747/710	216.408	285.75	46.038	380	850	1500	2200	7.85
-	8.52	11.25	1.8125	-	-	-	-	-
LM742747A/710	216.713	285.75	46.038	380	850	1500	2200	7.85
-	8.532	11.25	1.8125	-	-	-	-	-
LM245846/810	230.188	317.5	47.625	523	980	1300	2000	10.5
-	9.0625	12.5	1.875	-	-	-	-	-
544091/2B/544118 A/2B	231.775	300.038	33.338	216	425	1400	2000	5.3
-	9.125	11.8125	1.3125	-	-	-	-	-
LM245848/810	231.775	317.5	47.625	523	980	1300	2000	10.5
-	9.125	12.5	1.875	-	-	-	-	-
M349547/510	255.6	342.9	57.15	594	1220	1200	1800	14

-	10.063	13.5	2.25	-	-	-	-	-
M349549/510/VE17 4	257.175	342.9	57.15	594	1220	1200	1800	14
-	10.1259	13.5	2.25	-	-	-	-	-
M249747/710	257.175	358.775	71.438	842	1760	1200	1700	20.5
-	10.1259	14.125	2.8125	-	-	-	-	-
38880/38820	263.525	325.438	28.575	220	550	1300	1800	53
-	10.375	12.8125	1.125	-	-	-	-	-
L555249/210	292.1	374.65	47.625	501	1140	1100	1600	12
-	11.5	14.75	1.875	-	-	-	-	-
L555249/210/VE17 4	292.1	374.65	47.625	501	1140	1100	1600	12
-	11.5	14.75	1.875	-	-	-	-	-
L357049/010/VE17 4	304.8	393.7	50.8	528	1220	1000	1500	14.5
-	12	15.5	2	-	-	-	-	-
LM361649A/610	343.154	450.85	66.675	935	2200	900	1300	28
-	13.51	17.75	2.625	-	-	-	-	-
HM262749/710	346.075	488.95	95.25	1420	3150	850	1200	55
-	13.625	19.25	3.75	-	-	-	-	-
L865547/512	381	479.425	49.25	594	1500	800	1200	20
-	15	18.875	1.9375	-	-	-	-	-
HM266449/410	384.175	546.1	104.775	1870	4150	750	1100	77
-	15.125	21.5	4.125	-	-	-	-	-
LL566848/810/HA1	403.225	460.375	28.575	246	765	800	1200	6.7
-	15.875	18.125	1.125	-	-	-	-	-
LM567949/910/HA1	406.4	549.275	85.725	1380	3050	700	1000	53.5
-	16	21.625	3.375	-	-	-	-	-
LM770949/910	457.2	603.25	85.725	1450	3400	630	950	61.5
-	18	23.75	3.375	-	-	-	-	-
LM772748/710/HA1	488.95	634.873	84.183	1450	3650	600	850	63.5
-	19.25	24.995	3.3143	-	-	-	-	-
EE243196/250/HA2	498.475	634.873	80.962	1470	3650	600	850	59.5
-	19.625	24.995	3.1875	-	-	-	-	-
EE843220/290	558.8	736.6	88.108	1830	4150	500	750	92.5
-	22	29	3.4688	-	-	-	-	-
LM377449/410	558.8	736.6	104.775	2330	5700	500	750	115

-	22	29	4.125	-	-	-	-	-
EE649240/310	609.6	787.4	93.662	2160	5300	450	670	110
-	24	31	3.6875	-	-	-	-	-
EE649240AX/310	609.6	787.4	93.662	2160	5300	450	670	110
-	24	31	3.6875	-	-	-	-	-
LM283649/610/HA1	749.3	990.6	159.5	4570	12000	340	500	330
-	29.5	39	6.2795	-	-	-	-	-
LL483448/418	760	889	69.85	1230	3800	380	560	67.5
-	29.9183	35	2.75	-	-	-	-	-
L183448/410	760	889	88.9	1870	5850	360	530	94
-	29.9183	35	3.5	-	-	-	-	-
LL483449/418	762	889	69.85	1230	3800	380	560	66.5
-	30	35	2.75	-	-	-	-	-
L183449/410	762	889	88.9	1870	5850	360	530	94
-	30	35	3.5	-	-	-	-	-
EE763330/410	838.2	1041.4	93.662	1900	4800	320	460	160
-	33	41	3.6875	-	-	-	-	-

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