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公制圆锥滚子轴承

Metric Series Of Tapered Roller Bearing

Bearing no 轴承型号	Boundary Dimensions (mm) 外形尺寸					Load 额定载荷 (kn)		重量
	d 内径	D 外径	T 宽度	B 内圈	C 外圈	Dynamic Cr	Stat1c C0r	Weight (kg)
302系列								
30202	15	35	11.75	11	10	14.9	13.4	0.53
30203	17	40	13.25	12	11	20.5	20.3	0.80
30204	20	47	15.25	14	12	28.2	28.7	0.127
30205	25	52	16.25	15	13	31.5	34	0.154
30206	30	62	17.25	16	14	43.5	48	0.241
30207	35	72	18.25	17	15	55.5	61.5	0.344
30208	40	80	19.25	18	16	61	67	0.435
30209	45	85	20.75	19	16	67.5	78.5	0.495
30210	50	90	21.75	20	17	77	93	0.563
30211	55	100	22.75	21	18	93	111	0.74
30212	60	110	23.75	22	19	105	125	0.949
30213	65	120	24.75	23	20	123	148	1.18
30214	70	125	26.25	24	21	131	162	1.26
30215	75	130	27.25	25	22	139	175	1.41
30216	80	140	28.25	26	22	160	200	1.72
30217	85	150	30.5	28	24	183	232	2.14
30218	90	160	32.5	30	26	208	267	2.66
30219	95	170	34.5	32	27	226	290	3.7
30220	100	180	37	34	29	258	335	3.78
30221	105	190	39	36	30	285	398	4.38
30222	110	200	41	38	32	315	445	5.21
30224	120	215	43.5	40	34	338	482	6.20
30226	130	230	43.75	40	34	365	520	6.94
30228	140	250	45.75	42	36	408	585	8.73
30230	150	270	47.75	45	38	450	645	10.8
30232	160	290	48			512	738	13.3
30234	170	310	52			590	865	16.6
30236	180	320	52			610	912	17.3
303系列								
30302	15	42	14.25	13	11.0	23.2	20.8	0.98
30303	17	47	15.25	14	12.0	28.9	26.3	0.134
30304	20	52	16.25	15	13.0	35.5	34	0.169
30305	25	62	18.25	17	15.0	48.5	47.5	0.272
30306	30	72	20.75	19	16.0	60	61	0.408
30307	35	80	22.75	21	18.0	75	77	0.540
30308	40	90	25.25	23	20.0	91.5	102	0.769
30309	45	100	27.25	25	22.0	111	126	1.10
30310	50	110	29.25	27	23.0	133	152	1.310

30311	55	120	31.5	29	25.0	155	179	1.660
30312	60	130	33.5	31	26.0	180	210	2.60
30313	65	140	36	33	28.0	203	238	2.550
30314	70	150	38	35	30.0	230	272	3.60
30315	75	160	40	37	31.0	255	305	3.570
30316	80	170	42.5	39	33.0	291	350	4.410
30317	85	180	44.5	41	34.0	305	365	5.200
30318	90	190	46.5	43	36.0	335	405	6.30
30319	95	200	49.5	45	38.0	315	365	6.580
30320	100	215	51.5	47	39.0	335	380	7.720
30321	105	225	53.5	49	41	371	432	8.74
30322	110	240	54.5	50	42	407	475	11.4
30324	120	260	59.5	55	46	505	611	13.7
30326	130	280	63.75	58	49	640	855	16.9
30328	140	300	67.75	62	53	722	975	20.4
30330	150	320	72	65	55	802	1090	25.4
30332	160	340	68			878	1190	29.5
30334	170	360	72			995	1370	35.6
30336	180	380	75			901	1110	39.7
320系列								
32004	20	42	15	15	12	24.9	27.9	0.097
320/22	22	44	15	15	11.5	27	31.5	0.106
32005	25	47	15	15	11.5	27.8	33.5	0.114
320/28	28	52	16	16	12.	33	40.5	0.146
32006	30	55	17	17	13	37.5	46	0.166
320/32	32	58	17	17	13	37	46.5	0.181
32007	35	62	18	18	14	41.5	52.5	0.224
32008	40	68	19	19	14.5	50	65.5	0.273
32009	45	75	20	20	15.5	57.5	76.5	0.346
32010	50	80	20	20	15.5	62.5	88	0.366
32011	55	90	23	23	17.5	80.5	118	0.563
32012	60	95	23	23	17.5	82	123	0.576
32013	65	100	23	23	17.5	83	128	0.630
32014	70	110	25	25	19	105	160	0.848
32015	75	115	25	25	19	106	167	0.909
32016	80	125	29	29	22	139	216	1.600
32017	85	130	29	29	22	142	224	1.350
32018	90	140	32	32	24.	168	270	1.790
32019	95	145	32	32	24	171	280	1.830
32020	100	150	32	32	24	170	281	1.910
32021	105	160	35	35	26	205	335	2.40
32022	110	170	38	38	29	245	402	3.020
32024	120	180	38	38	29	242	405	3.180
32026	130	200	45	45	34	335	568	4.940
32028	140	210	45	45	34	330	568	5.150
32030	150	225	48	48	36	368	635	6.250
32032	160	240	51			420	735	7.66
32034	170	260	57			520	920	10.4
322系列								
32203	17	40	17.25	16	14	27.3	28.3	0.102
32204	20	47	19.25	18	15	35	39	0.163
32205	25	52	19.25	18	16	42	47	0.187
32206	30	62	21.25	20	17	50	60	0.294

32207	35	72	24.25	23	19	68	85.5	0.461
32208	40	80	24.75	23	19	79.5	93.5	0.558
32209	45	85	24.75	23	19	82	100	0.607
32210	50	90	24.75	23	19	87.5	109	0.648
32211	55	100	26.75	25	21	108	134	0.876
32212	60	110	29.75	28	24	130	164	1.180
32213	65	120	32.75	31	27	159	206	1.580
32214	70	125	33.25	31	27	166	220	1.680
32215	75	130	33.25	31	27	168	224	1.740
32216	80	140	35.25	33	28	199	265	2.180
32217	85	150	38.5	36	30	224	300	2.750
32218	90	160	42.5	40	34	262	360	3.490
32219	95	170	45.5	43	37	299	415	4.300
32220	100	180	49	46	39	330	465	5.120
32221	105	190	53	50	43	380	578	6.260
32222	110	200	56	53	46	430	665	7.430
32224	120	215	61.5	58	50	478	758	9.60
32226	130	230	67.75	64	54	552	888	11.40
32228	140	250	71.75	68	58	645	1050	14.40
32230	150	270	77	73	60	720	1180	18.20
32232	160	290	84			858	1430	23.3
32234	170	310	86			968	1640	28.6
32236	180	320	86			998	1720	29.9
323系列								
32303	17	47	20.25	19	16	31.9	29.9	0.174
32304	20	52	22.25	21	18	46.5	48.5	0.245
32305	25	62	25.25	24	20	61.5	64.5	0.381
32306	30	72	28.75	27	23	79	94	0.592
323/32	32	75	29.75	28	23	84	102	0.659
32307	35	80	32.75	31	25	101	115	0.797
32308	40	90	35.25	33	27	110	140	1.10
32309	45	100	38.25	36	30	154	114	1.46
32310	50	110	42.25	40	33	184	232	1.92
32311	55	120	45.5	43	35	215	275	2.44
32312	60	130	48.5	46	37	244	315	3.02
32313	65	140	51	48	39	273	350	3.66
32314	70	150	55	51	42	310	405	4.46
32315	75	160	58	55	45	355	470	5.35
32316	80	170	61.5	58	48	395	525	6.41
32317	85	180	63.5	60	49	405	525	7.15
32318	90	190	67.5	64	53	450	595	8.57
32319	95	200	71.5	67	55	505	670	10.1
32320	100	215	77.5	73	60	570	770	12.7
32321	105	225	81.5	77	63	543	707	13.9
32322	191	240	84.5	80	65	607	797	16.6
32324	120	260	90.5	86	69	825	1230	22.1
32326	130	280	98.75	93	78	852	1160	26.5
32328	140	300	107.75	102	85	1110	1570	35.1
32330	150	320	114	108	90	1790	1200	42
32332	160	340	114			1220	1720	47.9
32334	170	360	120			1310	1830	56.9
32336	180	380	126			1410	1980	67
313系列								

31305	25	62	18.25	17	13	40.7	46.1	0.262
31306	30	72	20.75	19	14	52.5	60.4	0.392
31307	35	80	22.75	21	15	65.7	76.8	0.514
31308	40	90	25.25	23	17	81.4	96.4	0.727
31309	45	100	27.25	25	18	95.6	113.8	0.944
31310	50	110	29.25	27	19	108.0	128.5	1.21
31311	55	120	31.5	29	21	129.9	158	1.56
31312	60	130	33.5	31	22	145.4	176.8	1.9
31313	65	140	36	33	23	165.7	202.6	2.37
31314	70	150	38.	35	25	186.9	231	2.86
31315	75	160	40	37	26	208.5	258.9	3.38
31316	80	170	42.5	39	27	229.8	287.1	4.05
31317	85	180	44.5	41	28	253.9	319.1	4.69
31318	90	190	46.5	43	30	281.7	357.1	5.46
31319	95	200	49.5	45	32	311.4	399.8	6.46
31320	100	215	56.5	51	35	372.9	488.2	8.59
31321	105	225	58	53	36	398	525	9.58
31322	110	240	63	57	38	458	610	12.1
31324	120	260	68	62	42	535	725	15.3
31326	130	280	72	66	44	592	805	18.4
31328	140	300	77	70	47	678	928	22.8
31330	150	320	82	75	50	772	1070	27.4
31332	160	340	88					
		PUTIAN HOUSHENG						
Bearingn o		英制圆锥滚子轴承 Inch Series Of Tapered Roller Boarings Boundary Dimensions (mm) 外形尺寸						We1ght
轴承型号	内径	内圈高度 外圈高度 内圈倒角					外圈倒角	(kg)
	(d)	(D)	(T)	(B)	(C)	CONE r	CUP r1	
11590/20	15.875	42.862	14.288	14.288	9.525	1.5	1.5	0.1
LM11749 /10	17.462	39.878	13.843	14.605	10.668	1.3	1.3	0.081
A6075/A 615 7	19.05	39.992	12.014	11.153	9.525	1	1.3	0.07
4A/6	19.05	44.450	12.700	11.908	9.525	1.5	1.5	0.09
LM11949 /10	19.05	45.237	15.494	16.637	12.065	1.3	1.3	0.125
21075/21 2	19.05	53.975	22.225	21.839	15.875	1.5	2.3	
M12649/ 10	21.43	50.005	17.526	18.288	13.970	1.3	1.3	0.169
LM12748 /10	21.43	45.237	15.494	16.637	12.065	1.3	1.3	0.121
LM12749 /10	21.986	45.237	15.494	16.637	12.065	1.3	1.3	0.12
LM12749 /11	21.986	45.974	15.494	16.637	12.065	1.3	1.3	0.123
JL22349/ 10	22	41	14.400	14.400	11.400	0.8	0.8	0.08

07087/07 19 6	22.225	50.005	13.495	14.26	9.525	1.3	1	0.12
07087X/0 72 10X	22.225	50.8	15.011	14.260	12.700	1.5	1.5	0.14
07093/07 19 6	23.812	50.005	13.495	14.26	9.525	1.5	1	0.12
15101/24 5	25.4	62	19.050	20.638	14.288	0.8	1.3	0.3
L44643/1 0	25.4	50.292	14.224	14.732	10.668	1.3	1.3	0.13
15578/20	25.4	57.15	17.462	17.462	13.495	1.3	1.5	0.22
M84249/ 10	25.4	59.53	23.368	23.114	18.288	1.5	1.5	0.32
M84548/ 10	25.4	57.15	19.431	19.431	14.732	1.5	1.5	0.241
15579X/2 0	25.987	57.15	17.462	17.462	13.495	3.5	1.5	0.2
15103/24 5	26.157	62	19.050	20.638	14.288	0.8	1.3	0.29
15103S/2 43	26.162	61.912	19.05	19.939	14.288	0.8	2	0.29
15106/24 5	26.988	62	19.050	20.638	14.288	1.3	0.8	0.291
15106/25 0X	26.988	63.5	20.637	20.638	15.875	0.8	1.5	0.31
L44649/1 0	26.988	50.292	14.224	14.732	10.668	3.5	1.3	0.12
ST2749	27	49	15	15	11.5	3.3	0.8	0.118
320/28X	28	52	16.000	16.000	12.000	1.0	1.0	0.146
28KW02	28	52	16	18.498	12	1.0	1.0	0.146
28KW01	28	50.292	14.224	16.650	10.668		1.3	0.12
28KW04	28	50.292	14	18.8	10.668		1.3	0.12
1988/22	28.575	57.15	19.845	19.355	15.875	3.5	0.8	0.213
15112/25 0	28.575	63.5	20.638	20.638	15.875	3.5	1.3	0.3
M86647/ 10	28.575	64.292	21.433	21.433	16.670	1.5	1.5	0.348
L45449/1 0	29	50.292	14.224	14.732	10.668	3.5	1.3	0.113
329013	29	50.292	14.224	17.520	10.668	3.5	1.3	0.117
15117/25 0	29.987	63.5	20.637	20.638	15.875	1.3	1.3	0.29
15118/25 0	30.213	63.5	20.637	20.638	15.875	3.5	1.3	0.28
M86649/ 10	30.162	64.292	21.432	21.433	16.67	1.5	1.5	0.34
2580/20	31.75	66.421	25.400	25.357	20.638	0.8	3.3	0.4
LM67045 /10	31.75	59.131	15.875	18.57	11.811	2	1.3	0.18

LM67048 /10	31.75	59.131	15.875	16.764	11.811		1.3	0.182
LM67049 A/1 0	31.75	59.131	15.875	16.7	12	4	1.7	0.182
14125A/2 76	31.75	69.012	19.845	19.583	15.875	3.5	1.3	0.35
15123/24 5	31.75	62	18.161	19.05	14.288		1.3	0.244
15126/24 5	31.75	62	19.050	20.638	14.288	0.8	1.3	0.25
2580/20	31.75	66.421	25.4	25.357	20.638	0.8	3.3	0.409
JL26749/ 10	32	53	14.500	15.000	11.500	3.5	1.3	0.12
320/32	32	58	17	17	13	3.3	1.5	0.181
M88047/ 10	33.338	68.262	22.225	22.225	17.462	5.5	1.5	0.36
M88048/ 10	33.338	68.262	22.225	22.225	17.462	0.8	1.5	0.378
HM8944 3/10	33.338	76.2	29.369	28.575	23.020	0.8	3.3	0.66
HM8944 6/10	34.925	76.2	29.369	28.575	23.02	3.5	3.3	0.65
14585/25	34.925	68.262	20.638	20.638	15.875	3.5	2.3	0.32
14138A/2 74	34.925	69.012	19.845	19.583	15.875	3.5	3.3	0.32
14138A/2 76	34.925	69.012	19.845	19.583	15.875	3.5	1.3	0.32
LM48548 /10	34.925	65.088	18.034	18.288	13.97		1.3	0.249
25877/20	34.925	73.025	23.812	24.608	19.050	1.5	2.3	0.471
25877/21	34.925	73.025	23.812	24.608	19.05	1.5	0.8	0.474
2793/20	34.925	76.2	23.812	25.654	19.050	0.8	3.3	0.536
31594/20	34.925	76.2	29.37	28.575	23.812	1.5	3.3	0.627
3872/20	34.925	85.725	30.162	30.162	23.812	3.5	3.3	0.897
LM78349 /10 A	34.988	61.973	16.702	17	13.6	3.5	1.5	0.19
JL68145/ 11 Z	35	60	15.875	18.460	11.938	2.0	1.3	0.183
L68149/1 0	35	59.131	15.875	16.764	11.938		1.3	0.165
HM8864 9/10	34.925	72.233	25.400	25.400	19.842	2.3	2.3	0.489
31594/20	34.925	76.2	29.37	28.575	23.812	1.5	3.3	0.627
328227	34.988	59.974	13.000	18.500	13.000			0.148
L68149/1 1	34.988	59.974	15.875	16.764	11.938		1.3	0.179
HM8944 9/10	36.512	76.2	29.369	28.575	23.020	3.5	3.3	0.63
JL69349/ 10	38	63	17	17	13.5		1.3	0.198

JL69345/ 10	38	63	17.000	19.000	13.500	3.5	1.3	0.2
57410/29 71 0	38.1	65.088	18.034	21.138	13.97		1.3	0.234
LM29748 /10	38.1	65.088	18.034	18.288	13.970		1.3	0.233
LM29749 /10	38.1	65.088	18.034	18.288	13.97	2.3	1.3	0.233
13685/21	38.1	69.012	19.050	19.050	15.083	3.5	2.3	0.28
HM8013 46/1 0	38.1	82.55	29.37	28.575	23.02	0.8	3.3	0.765
9278/20	68.262	161.925	49.212	46.038	31.750	3.5	3.3	4.61
2776/20	38.1	76.2	23.812	25.654	19.05	4.3	3.3	0.495
2788/20	38.1	76.2	23.812	25.654	19.050	3.5	3.3	0.497
418/414	38.1	88.5	26.988	29.083	22.225	3.5	1.5	0.84
M201047 /11	39.688	73.025	25.654	22.098	21.336	0.8	2.3	0.43
2789/20	39.688	76.2	23.812	25.654	19.05	3.5	3.3	0.477
HM8013 49/1 0	40.483	82.55	29.370	28.575	23.020	3.5	3.3	0.731
LM30084 9/1 1	40.988	67.975	17.5	18	13.5		1.5	0.239
18590/20	41.275	73.025	16.667	17.462	12.700	3.5	1.5	0.281
LM50134 9/1 0	41.275	73.431	19.558	19.812	14.732	3.5	0.8	0.335
LM50134 9/1 4	41.275	73.431	21.430	19.812	16.604	3.5	0.8	0.355
11162/30 0	41.275	76.2	18.009	17.384	14.288	1.5	1.5	0.337
26882/20	41.275	80.167	25.400	25.400	20.638	3.5	3.3	0.55
M802048 /11	41.275	82.55	26.543	25.654	20.193	3.5	3.3	0.636
HM8031 46/1 0	41.275	88.9	30.162	29.370	23.020	3.5	3.3	0.89
HM8031 46/1 1	41.275	88.9	30.162	29.37	23.02	3.5	0.8	0.9
25577/23	42.875	82.931	26.988	25.400	22.225	3.5	2.3	0.6
25578/20	42.862	82.931	23.812	25.4	19.05	2.3	0.8	0.584
HM8031 49/1 0	44.45	88.9	30.162	29.370	23.020	3.5	3.0	0.84
HM8031 49/1 1	44.45	88.9	30.162	29.37	23.02	3.5	0.8	0.85

HM9032 49/1 0	44.45	95.25	30.958	28.575	22.225	3.5	0.8	1
25580/20	44.45	82.931	23.812	25.4	19.05	3.5	0.8	0.56
25582/20	44.45	82.931	24.812	26.400	20.050	5.0	0.8	0.556
HM8031 49/1 0	44.45	88.9	30.162	29.37	23.02	3.5	3.3	0.849
3782/20	44.45	93.264	30.162	30.302	23.812	3.5	3.3	0.961
HM8070 40/1 0	44.45	104.775	36.512	36.512	28.575	3.5	3.3	1.64
3776/20	44.983	93.264	30.162	30.302	23.812	3.5	3.3	0.952
518713	45	112.712	34.5	33.8	25.4			1.625
LM10294 9/1 0	45.242	73.431	19.558	19.812	15.748	3.5	0.8	0.307
LM60304 9/1 1	45.242	77.788	19.842	19.842	15.08	3.5	0.8	0.372
LM60304 9/1 2	45.242	77.788	21.430	19.842	16.667	3.5	0.8	0.381
17887/31	45.23	79.985	19.842	20.638	15.08	2	1.3	0.4
25590/20	45.618	82.931	23.812	25.400	19.050	3.5	0.8	0.543
25590/22	45.618	83.058	23.876	25.4	19.114	3.5	2	0.545
25590/23	45.618	82.931	26.988	25.400	22.225	3.5	2.3	0.57
LM50334 9A/ 10	45.987	74.976	18	18	14		1.5	0.296
18690/20	46.038	79.375	17.462	17.462	13.495	2.8	1.5	0.329
359A/354 A	46.038	85	20.638	21.692	17.462	3.5	1.3	0.489
3776/20	44.983	93.264	30.162	30.302	23.812	3.5	3.3	0.94
369S/362 A	47.625	88.9	20.637	22.225	16.513	2.3	1.3	0.54
369S/362	47.625	90	20.637	22.225	15.875	2.3	2.0	0.55
M804049 /10	47.625	88.9	25.4	25.4	19.05	3.5	3.3	0.66
369S/362	47.625	90	20.000	22.225	15.875	2.3	2.0	0.55
3778/20	47.625	93.264	30.162	30.302	23.812	6.4	3.3	0.898
JLM1049 48/ 10	50	82	21.500	21.500	17.000	3.0	0.5	0.42
JLM1049 46/ 10Z	50	82	21.5	23.993	17	3	0.5	0.44
JM20514 9/1 0	50	90	28.000	28.000	23.000	3.0	2.5	0.74

LM10494 9/1 1	50.8	82.55	21.59	22.225	16.51	3.5	1.3	0.419
18790/20	50.8	85	17.462	17.462	13.495	3.5	1.5	0.374
18790/24	50.8	88.9	18.462	18.462	14.495	3.5	1.3	0.431
368A/362 A	50.8	88.9	20.637	22.225	16.513	3.5	1.3	0.49
3780/20	50.8	93.264	30.162	30.302	23.812	3.5	3.3	0.848
368/362A	50.8	88.9	20.637	22.225	16.513	1.2	1.3	0.5
368/362	50.8	90	20	22.225	15.875	1.5	2	0.51
33889/21	50.8	95.25	27.783	28.575	22.225	3.5	2.3	0.84
45284/20	50.8	104.775	30.162	30.958	23.812	6.4	3.3	1.21
HM8070 46/1 0	50.8	104.775	36.512	36.512	28.575	3.5	3.3	1.51
28580/21	50.8	92.075	24.607	25.400	19.845	3.5	0.8	0.69
28584/21	52.388	92.075	24.607	25.4	19.845	3.5	0.8	0.65
LM80664 9/1 0	53.975	88.9	19.050	19.050	13.492	2.3	2.0	0.437
389AS/3 82	53.975	98.425	21	21.946	17.826	1.5	0.8	0.68
JLM5068 49/ 10	55	90	18.500	23.000	18.500	1.5	0.5	0.54
JM20704 9/1 0	55	95	29	29	23.5	1.5	2.5	0.84
28680/22	55.562	97.63	24.608	24.608	19.446	3.5	0.8	0.76
L507949/ 10	57.15	87.312	18.258	18.258	14.288	1.5	1.5	0.39
387/382A	57.15	96.838	21.000	21.946	15.875	2.3	0.8	0.583
387A/382 A	57.15	96.838	21	21.946	15.875	3.5	0.8	0.581
387A/382	57.15	98.425	21.000	21.946	17.826	3.5	0.8	0.64
387AS/3 82A	57.15	96.838	21	21.946	15.875	5	0.8	0.576
387S/382 A	57.15	96.838	21.000	21.946	15.875	0.8	0.8	0.585
28682/22	57.15	97.63	24.608	24.608	19.446	3.5	0.8	0.73
462/453X	57.15	104.775	30.162	29.317	24.605	2.3	3.3	1.06
45290/20	57.15	104.775	30.162	30.958	23.812	2.3	3.3	1.1
45291/20	57.15	104.775	30.162	30.958	23.812	6.4	3.3	1.07
29580/20	60	107.95	25.4	25.4	19.05	3.5	3.3	0.992
28985/20	60.325	101.6	25.400	25.400	19.845	3.5	3.3	0.78
H715334 /11	61.912	136.525	46.038	46.038	36.512	3.5	3.3	3.47
3982/20	63.5	112.712	30.162	30.048	23.812	3.5	3.2	1.24
29586/22	63.5	107.95	25.4	25.4	19.05	1.5	0.8	0.94

HM2120 47/1 0	63.5	122.238	38.100	38.354	29.718	7.0	1.5	1.94
HM2120 47/1 1	63.5	122.238	38.1	38.354	29.718	7	3.3	1.94
29590/20	66.675	107.95	25.400	25.400	19.050	3.5	3.3	0.85
29590/22	66.675	107.95	25.4	25.4	19.05	3.5	0.8	0.86
395A/394 A	66.675	110	22.000	22.000	18.824	0.8	1.3	0.79
395S/394	66.675	110	22	22	22	3.5	0.8	0.8
3984/20	66.675	112.712	30.162	30.048	23.812	3.5	3.2	1.16

39590/20	66.675	112.712	30.162	30.162	23.812	3.5	3.3	1.17
HM2120 49/1 0	66.675	122.238	38.100	38.354	29.718	3.5	1.5	1.85
HM2120 49/1 1	66.675	122.238	38.1	38.354	29.718	3.5	3.3	1.85
H715343 /11	68.262	136.525	46.038	46.038	36.512	3.5	3.3	3.24
H715345 /11	71.438	136.525	46.038	46.038	36.512	3.5	3.3	3.12
29685/20	73.025	112.712	25.400	25.400	19.050	3.5	3.3	0.89
33287/46 2	73.025	117.475	30.162	30.162	23.812	3.5	3.3	1.18
33287/47 2	73.025	120	29.794	30.162	23.444	3.5	0.8	1.26
495A/493	76.2	136.525	30.162	29.769	22.225	3.5	3.3	1.8
575/572	76.2	139.992	36.513	36.098	28.575	3.5	3.3	2.35
6461A/20	76.2	149.225	53.975	54.229	44.45	9.7	3.3	
47880/20	77.788	146.05	33.337	34.925	26.195	3.5	3.3	2.57
47890/20	92.075	146.05	33.337	34.925	26.195	3.5	3.3	2.06
580/572	82.55	139.992	36.512	36.098	28.575	3.5	3.3	2.14
47686/20	82.55	133.35	33.337	33.338	26.195	3.5	3.3	1.69
663/653	82.55	146.05	41.275	41.275	31.750	3.5	3.3	2.74
JM71664 9/1 0	85	130	30	29	24	3	2.5	1.35
497/493	85.725	136.525	30.163	29.769	22.225	3.5	3.3	1.52
HM5184 45/1 0	88.9	152.4	39.688	39.688	30.162	6.4	3.3	2.81
HM2182 48/1 0	89.974	146.975	40.000	40.000	32.500	7.0	3.5	2.55
598/592	92.075	152.4	39.688	36.322	33.338	3.5	3.3	2.68
598A/592 A	92.075	152.4	39.688	36.322	30.162	6.4	3.3	2.58
594/592	95.25	152.4	39.688	36.322	33.338	3.5	3.3	2.54
594/592A	95.25	152.4	39.688	36.322	30.162	3.5	3.3	2.47
594A/592 A	95.25	152.4	39.688	36.322	30.162	5	3.3	2.47
37425/62 5	107.95	158.75	23.020	21.438	15.875	3.5	3.3	1.37
37431A/6 25	109.538	158.75	23.02	21.438	15.875	5	3.3	1.29
37431/62 5	109.538	158.75	23.020	21.438	15.875	3.5	3.3	1.3