

基本尺寸												基本额定载荷		极限转速		轴承代号	计算系数				重量
d	d(in)	D	D(in)	T	T(in)	B	B(in)	C	C(in)	rmin	Rmin	Cr	C0r	脂润滑	油润滑		e	y	yo	a	
	57.15	2.25	17.462	0.6875	17.462	0.6875	13.495	0.5313	1.5	3.5	38	43.5	7000	9000	KJ15585/K15520	0.35	1.73	0.95	12	0.207	
	59.131	2.328	15.875	0.625	16.764	0.66	11.938	0.47	1.3	3.5	34	36	5600	7000	KL68149/KL68110	0.42	1.44	0.79	13	0.166	
	59.974	2.3612	15.875	0.625	16.764	0.66	11.938	0.47	1.3	3.5	34.5	24.5	5600	7000	KL68149/KL68111	0.42	1.44	0.79	13	0.166	
			16.7		17		13.6		1.5	SP	41.5	53.5	5600	7500	KLM78349SH/KLM78310A	0.44	1.35	0.74	14	0.206	
			16.7		17		13.6		1.5	SP	41.5	53.5	5600	7500	KLM78349/KLM78310A	0.44	1.4	0.74	14	0.206	
	57.15	2.25	17.462	0.6875	17.462	0.6875	13.495	0.5313	1.5	3.5	38	43.5	7500	10000	K15579X/K15520	0.35	1.73	0.95	19	0.207	
	72.014	2.8352	21.4	0.8425	20.638	0.8125	16.637	0.655	0.4	3.5	49.5	61	4500	6000	KJ16154/KJ16285	0.4	1.49	0.82	17	0.341	
		2.6772	17.5	0.689	18	7.087	13.5	0.5315	1.5	3.6	51	60	4500	6000	KLM300849/KLM300811	0.35	1.72	0.95	14	0.241	
			21.001	0.8268	22.403	0.882	17.826	0.7018	0.8	3.5	69	76	4500	6000	K342X/K332B	0.27	2.2	1.21	15	0.440	
			18		18		14		1.6	2.3	57	79.5	4800	6300	KLM503349/KLM503310-	0.4	1.49	0.82	16	0.305	
		21.976		21.501	0.8465	17		0.5	3	61.5	84	4000	5000	KJM104948/KJLM104910	0.31	1.97	1.08	16	0.425		
		22	22		17.5		1.5	3.5	64	91	4000	5000	5000	KJLM704649/KJLM70461	0.44	1.37	0.75	20	0.470		
		28	28	1.1024	23		2.5	3	121	140	4000	5000	5000	JM205149/JM205110	0.33	1.83	1.01	20	0.758		
	93.264	3.6718	30.162	0.1875	30.302	1.193	23.812	0.9375	3.3	3.5	113	136	4000	5000	K50KW01/K3720	0.34	1.77	0.98	23	0.928	
			37		36		29		3	2.5	140	192	4000	5000	KJHM807045/KJHM80701	0.49	1.23	0.68	29	1.39	
			23		23		18.5		0.5	1.5	78	113	3000	4000	KJLM506849/KJLM50681	0.4	1.5	0.82	20	0.568	
			29		29		23.5		2.5	1.5	77	152	3000	4000	KJM207049/KJM207010	0.33	1.8	0.99	21	0.831	
			39		39		32		2.5	3	164	203	3000	4000	KJH307749/KJH307710	0.35	1.69	0.93	26	1.69	
	112.712	4.4375	30.162	1.1875	30.048	1.183	23.812	0.9375	3.3	3.5	115	170	3000	4000	K3977/K3920	0.4	1.49	0.82	25	1.30	
		33.45	1.3169	30.95	1.2185	22	0.8661	3.5	3.5	151	175	3000	4000	4000	KHM911244B/KHM911216	0.82	0.73	0.4	41	2.06	
	146.05	5.75	41.275	1.625	39.688	1.5625	25.4	1	3.3	3.5	206	240	3000	4000	KH913840/KH913810	0.78	0.77	0.42	45	3.28	
			28		28		22.5		2.5	3	131	181	2800	3800	KJM511946/KJM511910	0.4	1.49	0.82	24	1.06	
			39		38.5	1.5157	32		2.5	3	187	250	2800	3800	KJM211749/KJM211710	0.34	1.78	0.98	27	0.86	
			26		25		20.5		2.5	1	102	156	3000	4000	KJLM813049/KJLM81301	0.49	1.23	0.68	26	0.894	
			25		25		19		2.5	3	105	152	2600	3600	KJLM714149/KJLM71411	0.46	1.3	0.72	25	8.58	
			31		29.5		25		2.5	3	128	204	2600	3600	KJM714249/KJM714210	0.44	1.35	0.74	28	1.28	
			35		34		28.5		2.5	3	175	280	2400	3400	KJM515649/KJM515610	0.41	1.48	0.81	30	1.82	
			35		34		27		2.5	6	189	315	2200	3200	KJM718149A/KJM718110	0.44	1.36	0.75	33	2.17	
			40		40		32.5		3.5	7	216	345	2200	3200	KHM218248/KHM218210	0.33	1.8	0.99	31	2.51	
			40		40		32.5		5.8	3.5	253	370	2200	3200	KHM218248SH/KHM21821	0.33	1.8	0.99	31	2.58	
			40		40		32.5		SP	SP	215	345	2200	3200	KHM218248A6/KHM21821	0.33	1.8	0.99	31	2.51	

				35	34	27		2.5	3	187	290	1900	2800	KJM719149/KJM719113	0.44	1.4	0.75	33	2.23		
				30	29	24		2.5	3	138	216	2400	3400	KJM716649/KJM716610	0.44	1.35	0.74	30	1.39		
				24	22.5	17.5		5	3	116	171	1900	2800	KJP10049A/KJP10010	0.47	1.27	0.7	30	1.13		
				36	35	28		2.5	3	231	260	1900	2800	KJM720249/KJM720210	0.47	1.27	0.7	36	2.34		
				42	42	34		SP	SP	253	400	1900	2800	KHM220149A6/KHM22011	0.33	1.8	0.99	33	2.89		
				35	35	26.5		2.5	3	195	320	1900	2800	KJM822049/KJM822010	0.5	1.21	0.66	39	2.63		
				47	46	38		2.5	3	320	510	1900	2800	JHM522649/JHM522610	0.41	1.48	0.81	40	4.56		
				35	35	26.5		3	2.5	211	360	1900	2800	KM822049/KM822010	0.5	1.2	0.66	38	2.63		
				47	46	38		2.5	3	320	510	1900	2800	KJHM522649/KJHM52261	0.41	1.48	0.81	40	4.56		
				27	25	19.5		3	3	155	243	1900	2800	KJP12049/KJP12010	0.47	1.3	0.69	35	1.75		
				39	38	31		2.5	3	289	550	1100	1600	KJHM534149/KJHM53411	0.38	1.57	0.86	44	4.45		
				46	44.5	37		2.5	3	355	675	1000	1400	JM734449/JM734410	0.44	1.37	0.75	49	6.28		
				46	44.5	37		2.5	3	355	675	1000	1400	KJM734449/KJM734410	0.44	1.37	0.75	52	6.28		
				65	62	51		2.5	3.5	615	1240	850	1200	JHM840449/JHM840410	0.52	1.15	0.63	72	15.5		
	10	12.7943	39		41.5	28			3.3	1.5	345	800	850	1200	1-7009	0.56	1.07	0.59	71	8.06	
		12.7943	39		41.5	28			3.3	1.5	365	800	850	1200	L848849SH/L848810SH	0.56	1.07	0.59	71	8.06	
		533.4	21	133.35	5.25	120.65	4.75	77.788	3.0625	6.4	6.4	365	800	850	1200	HH953749/HH953710	0.94	0.64	0.35	179	129
				47	45	37			3	2.5	400	780	900	1000	JM736149/JM736110	0.48	1.25	0.69	56	6.80	
		29.9213889	35	88.9	3.5	88.9	3.5	72	2.8346	4	4	2200	3200	260	360	L183448/L183410	0.32	1.88	1.04	127	93.5
				92	90	76			3.3	3.3	2120	7450	190	280	JL286948H/JL286910	0.33	1.8	1	152	117	
				92	90	76			3.3	3.3	2120	7450	190	280	JL286949H/JL286910	0.33	1.8	1	152	115	
17.462	0.6875	39.878	1.57	13.843	0.545	14.605	0.575	10.668	0.42	1.3	1.3	25.6	28	9000	13000	KLM11749/KLM11710	0.29	2.1	1.15	9	0.0758
19.05	0.75	45.237	1.781	15.494	0.61	16.637	0.655	12.065	0.475	1.2	1.2	31.5	28.9	8500	12000	KLM11949/KLM11910	0.3	2	1.1	10	0.123
19.05		49.225	1.938	18.034	0.71	19.05	0.75	14.288	0.5625	1.3	1.3	37.5	37	8500	12000	K09067/K09195	0.27	2.26	1.24	11	0.176
19.05		49.225	1.938	21.209	0.835	19.05	0.75	17.462	0.6875	1.5	1.3	37.5	37	8500	12000	K09067/K09196	0.27	2.26	1.24	15	0.195
19.05		49.225	1.938	23.02	0.9063	21.539	0.848	17.462	0.6875	3.5	1.5	37.5	37	8500	12000	K09074/K09194	0.27	2.26	1.24	16	0.201
20.625	0.812	49.225	1.938	23.02	0.9063	21.539	0.848	17.462	0.6875	1.5	1.5	37.5	37	8000	11000	K09081/K09196	0.27	2.26	1.24	12	0.197
21.43	0.8437	50.005	1.9687	17.526	0.69	18.288	0.72	13.97	0.55	1.3	1.3	45	43.5	8000	11000	KM12649/KM12610	0.28	2.16	1.19	11	0.169
21.43		50.005	1.9687	17.526	0.69	18.288	0.72	13.97	0.55	1.3	1.3	45	43.5	8000	11000	K2M12649/K2M12610	0.28	2.16	1.19	11	0.169
21.979	0.8653	45.237	1.781	15.494	0.61	16.637	0.655	12.065	0.475	1.3	1.3	35.5	40	8000	10000	KLM12749/KLM12710	0.31	1.96	1.08	13	0.116
21.979		45.974	1.81	15.494	0.61	16.637	0.655	12.065	0.475	1.3	1.3	29.5	34	8000	10000	KLM12749/KLM12711	0.31	1.96	1.08	13	0.118
22.225		50.8	2	15.011	0.591	14.26	0.5614	12.7	0.5	1.5	1.5	30.5	33	8000	10000	K07087X/K07210X	0.4	1.49	0.82	12	0.104
25.4		50.8	2	15.011	0.591	14.26	0.5614	12.7	0.5	1.5	1.5	30.5	33	7500	10000	K07100S/K07210X	0.4	1.5	0.82	12	0.0908

25.4	57.15	2.25	19.431	0.765	19.431	0.765	14.732	0.58	1.5	1.5	42	49	7500	10000	KM84548/KM84510	0.55	1.1	0.6	16	0.237	
25.4	1	50.292	1.98	14.224	0.56	14.732	0.58	10.668	0.42	1.3	1.3	29.5	34	7500	10000	L44643/L44610	0.37	1.6	0.88	11	0.128
26.988	1.0625	50.292	1.98	14.224	0.56	14.732	0.58	10.668	0.42	1.3	3.6	29.5	34	7500	10000	L44649/L44610	0.37	1.6	0.88	11	0.126
26.988	63.5	2.5	20.638	0.8125	20.638	0.8125	15.875	0.625	1.5	0.8	46	53	7500	9000	K15106/K15250X	0.35	1.71	0.94	15	0.316	
28.575	1.125	60.325	2.375	19.845	0.7813	19.355	0.762	15.875	0.625	1.3	3.5	39	42.5	7000	9000	K1988/K1931	0.33	1.82	1	13	0.244
28.575	64.292	2.5312	21.433	0.8438	21.433	0.8438	16.67	0.6563	1.5	1.5	48.5	67.5	7000	9000	KM86647/KM86610	0.55	1.1	0.6	18	0.351	
28.575	66.421	2.615	23.812	0.9375	25.433	1.0013	19.05	0.75	1.3	1.3	68.5	77	7000	9000	K2689/K2631	0.26	2.28	1.25	14	0.420	
28.575	68.262	2.6875	22.225	0.875	22.225	0.875	17.462	0.6875	1.5	0.8	53.5	65	7000	9000	K02474/K02420	0.42	1.4	0.79	17	0.410	
28.575	73.025	2.875	22.225	0.875	22.225	0.875	17.462	0.6875	3.3	0.8	55	65.5	7000	9000	K02872/K02820	0.45	1.32	0.73	19	0.825	
29	1.1417	50.292	1.98	14.224	0.56	14.732	0.58	10.668	0.42	1.2	3.6	29.5	34	7000	9000	L45449/L45410	0.37	1.62	0.89	11	0.118
30	1.811	72.085	2.838	22.385	0.8813	19.202	0.756	18.415	0.725	2.3	0.8	46	55.5	7000	8500	K14118/K14283	0.38	1.57	0.86	17	0.202
30.162	1.1875	62	2.4409	16.002	0.63	16.566	0.6522	14.288	0.5625	1.5	1.5	40	43.5	7000	8500	K17119/K17244B	0.38	1.57	0.86	14	0.228
30.162	68.262	2.6875	22.225	0.875	22.225	0.875	17.462	0.6875	2.3	0.8	58.5	75	5600	7500	KM88043/KM88012	0.55	1.1	0.6	19	0.412	
31.75	1.25	59.131	2.328	15.875	0.625	16.764	0.66	11.811	0.465	1.3	3.6	44	50	6300	8500	KLM67048/KLM67010	0.41	1.46	0.8	13	0.175
31.75	62	2.4409	18.161	0.715	19.05	0.75	14.288	0.5625	1.3	4.8	56.5	62	6300	8500	K15123/K15245	0.35	1.71	0.94	13	0.242	
31.75	69.85	2.75	23.812	0.9375	25.357	0.9983	19.05	0.75	1.3	0.8	71.5	85.5	6300	8500	K2580/K2523	0.27	2.2	1.2	15	0.451	
33.338	1.3125	68.262	2.6875	22.225	0.875	22.225	0.875	17.462	0.6875	1.5	0.8	56	70.4	6300	7500	KM88048/KM88010	0.55	1.1	0.6	19	0.382
33.338	76.2	3	23.812	0.9375	25.654	1.01	19.05	0.75	1.5	3.3	90	110	5600	7500	K2790/K2720	0.3	1.98	1.09	16	0.559	
33.338	76.2	3	29.37	1.1563	28.575	1.125	23.02	0.9063	3.3	0.8	82	110	5600	7500	KHM89443/KHM89410	0.55	1.1	0.6	24	0.774	
34.925	65.088	2.5625	21.082	0.83	18.288	0.72	17.018	0.67	1.5	0.8	49	60	5600	7500	KLM48548A/KLM48511A	0.38	1.59	0.88	14	0.291	
34.925	69.012	2.717	19.845	0.7813	19.583	0.771	15.875	0.625	3.3	3.5	46	55.5	5600	7500	K14138A/K14274	0.38	1.57	0.86	14	0.320	
34.925	69.012	2.717	19.845	0.7813	19.583	0.771	15.875	0.625	3.5	0.8	46	55.5	5600	7500	K14138A/K14276B	0.38	1.57	0.86	15	0.333	
34.925	72.233	2.8438	25.4	1	25.4	1	19.842	0.7812	2.3	2.3	70.5	80.5	5000	7100	KHM88649/KHM88610	0.55	1.1	0.6	21	0.480	
34.925	73.025	2.875	23.812	0.9375	24.608	0.9688	19.05	0.75	0.8	1.5	71.5	85	5600	7500	K25877/K25821	0.29	2.07	1.14	14	0.475	
34.925	76.2	3	29.37	1.1563	28.575	1.125	23.02	0.9063	3.3	3.5	82	110	5600	7500	KHM89446/KHM89410	0.55	1.1	0.6	24	0.670	
34.925	76.2	3	29.37	1.1563	28.575	1.125	23.812	0.9375	3.3	1.5	81.5	98	5600	7500	K31594SH/K31520SH	0.4	1.49	0.82	21	2.13	
34.925	79.375	3.125	29.37	1.1563	29.771	1.1721	23.812	0.9375	3.3	3.5	87.5	106	5600	7500	K3478/K3420	0.37	1.64	0.9	20	0.695	
34.925	95.25	3.75	11.115	0.4376	29.9	1.1772	22.225	0.875	0.8	2.3	108	129	5600	7500	K449/K432B	0.28	2.11	1.16	19	1.16	
34.925	1.375	65.088	2.5625	18.034	0.71	18.288	0.72	13.97	0.55	1.3	3.6	49	60	5600	7500	KLM48548/KLM48510	0.38	1.59	0.88	14	0.260
36.487	1.4365	76.2	3	23.812	0.9375	25.645	1.0096	19.05	0.75	3.3	1.5	90	110	5000	6700	K2780/K2720	0.3	2	1.1	16	0.526
36.512	76.2	3	29.37	1.1563	28.575	1.125	23.02	0.9063	3.3	0.8	85	116	4800	6300	KHM89448/KHM89410	0.55	1.1	0.6	23	0.650	
36.512	72.238	2.844	20.638	0.8125	20.638	0.8125	18.575	0.7313	1.3	3.5	45	61	4800	6300	K16143/K16284	0.4	1.49	0.82	17	0.362	
38.1	1.5	65.088	2.5625	18.034	0.71	18.288	0.72	13.97	0.55	1.3	2.3	44	57	5000	7000	KLM29749/KLM29710	0.33	1.8	0.99	12	0.237

38.1	65.088	2.5625	18.034	0.71	18.288	0.72	13.97	0.55	1.1	2.3	48	63.5	5000	7000	KLM29749/KLM29710-DZ	0.33	1.8	0.99	12	0.241	
38.1	69.012	2.717	26.195	1.0313	26.195	1.0313	15.083	0.5938	0.8	1.5	49.5	62	5000	7000	K13686/K13620	0.4	1.49	0.82	16	0.362	
38.1	72.238	2.844	20.638	0.8125	20.638	0.8125	15.875	0.625	1.3	3.5	49.5	61	5000	7000	K16150/K16284	0.4	1.49	0.82	17	0.345	
38.1	76.2	3	23.812	0.9375	25.654	1.01	19.05	0.75	3.3	3.5	90	110	5000	7000	K2788/K2720	0.3	1.98	1.09	17	0.507	
38.1	79.375	3.125	29.37	1.1563	29.771	1.1721	23.812	0.9375	3.3	3.5	87	104	5000	7000	K3490/K3420	0.37	1.64	0.9	20	0.653	
38.1	82.55	3.25	29.37	1.1563	28.575	1.125	23.02	0.9063	3.3	2.3	98	127	5000	7000	HM801346X/HM801310	0.55	1.1	0.6	25	0.770	
38.1	88.5	3.4843	26.988	1.0625	29.083	1.145	22.225	0.875	1.5	3.5	100	113	5000	6000	K418/K414	0.26	2.28	1.25	18	0.843	
39.688	1.5625	73.025	2.875	23.812	0.9375	25.654	1.01	19.05	0.75	0.8	3.5	90	110	4500	6000	K2789/K2735X	0.3	1.98	1.09	17	0.413
39.688	73.025	2.875	25.654	1.01	22.098	0.87	21.336	0.84	2.3	0.8	63.5	81.5	4500	6000	KM201047/KM201011	0.33	1.79	0.99	20	0.437	
39.688	76.2	3	23.812	0.9375	25.654	1.01	19.05	0.75	0.8	3.5	90	110	4500	6000	K2789SH/K2729SH	0.3	1.98	1.09	16	0.507	
39.688	76.2	3	23.812	0.9375	25.645	1.0096	19.05	0.75	0.8	3.5	90	110	4500	6000	K2789/K2729	0.3	1.98	1.09	16	0.507	
40.988	1.6137	2.6772	17.5	0.689	18	0.7087	13.5	0.5315	0.8	3.6	49.0	66.0	4500	6000	KLM300849/KLM300811-	0.35	1.72	0.95	14	0.252	
41.275	1.625	73.431	2.891	19.558	0.77	19.812	0.78	14.732	0.58	0.76	3.56	67	73.5	4500	6000	KLM501349/KLM501310	0.4	1.5	0.83	15	0.353
41.275	73.431	2.891	21.430	0.8437	19.812	0.78	16.604	0.6537	0.8	3.5	67	73.5	4500	6000	KLM501349/KLM501314	0.4	1.5	0.83	17	0.360	
41.275	76.2	3	18.009	0.709	17.384	0.6844	14.288	0.5625	1.5	1.5	50.5	61.5	4500	6000	K11162/K11300	0.49	1.2	0.68	17	0.343	
41.275	76.2	3	22.225	0.875	23.02	0.9063	17.462	0.6875	0.8	3.5	71	83.5	4500	6000	K24780/K24720	0.4	1.5	0.84	17	0.429	
41.275	80.167	3.1562	29.37	1.1563	30.391	1.1965	23.812	0.9375	3.3	0.8	97	114	4500	6000	K3384/K3320	0.27	2.2	1.21	17	0.630	
41.275	80.167	3.1562	29.37	1.1563	30.391	1.1965	23.812	0.9375	3.3	0.8	97	114	4500	6000	K3379/K3320	0.27	2.2	1.21	17	0.630	
41.275	82.55	3.25	26.543	1.045	25.654	1.01	20.193	0.795	3.3	3.5	84	105	4500	6000	KM802048/KM802011	0.55	1.1	0.6	23	0.623	
41.275	82.55	3.25	26.543	1.045	25.654	1.01	20.193	0.795	3.3	3.5	84	105	4500	6000	KM802048SH/KM802011S	0.54	1.1	0.6	22	0.623	
41.275	84.138	3.3125	30.162	1.1875	30.886	1.216	23.812	0.9375	3.3	1.5	105	143	4500	6000	K3585/K3520	0.53	1.14	0.62	25	0.792	
41.275	85.725	3.375	30.162	1.1875	30.162	1.1875	23.812	0.9375	SP	3.5	101	130	4500	6000	K3877/K3826B	0.4	1.49	0.82	22	0.862	
41.275	87.312	3.4375	30.162	1.1875	30.866	0.9375	23.812	1.2452	1.5	3.3	129	175	4500	6000	K3585/K3525	0.53	1.14	0.62	24	0.861	
41.275	88.5	3.4843	26.988	1.0625	29.083	1.145	22.225	0.875	1.5	3.5	100	113	5000	6000	K419/K414	0.26	2.28	1.25	18	0.804	
41.275	88.9	3.5	30.162	1.1875	29.37	1.1563	23.02	0.9063	3.3	3.5	90	125	4300	5600	KHM803146/KHM803110	0.54	1.1	0.6	26	0.915	
41.275	104.775	4.125	36.512	1.4375	36.512	1.4375	28.575	1.125	3.3	1.5	146	194	4300	5600	K59162/K59412	0.4	1.49	0.82	26	1.69	
42.862	1.6875	82.55	3.25	26.195	1.0313	26.988	1.0625	20.638	0.8125	3.3	3.5	84.5	119	4500	6000	K22780/K22720	0.4	1.49	0.82	20	0.687
42.875	1.688	80	3.1496	21	0.8268	22.403	0.882	17.826	0.7018	2	3.5	69	76	4500	6000	K342S/K332US	0.27	2.2	1.21	15	0.432
42.875	82.931	3.265	26.988	1.0625	25.4	1	22.225	0.875	2.3	3.5	78	101	4500	6000	K25577/K25523	0.33	1.79	0.99	19	0.646	
44.45	1.75	82.931	3.265	23.812	0.9375	25.4	1	19.05	0.75	0.8	3.5	77	100	4500	6000	K25580/K25520	0.33	1.79	0.99	18	0.573
44.45	90.119	3.548	23	0.9055	21.692	0.854	21.808	0.8586	2.3	3.5	71.5	85	4500	6000	K355X/K352	0.31	1.96	1.08	18	0.668	
44.45	93.264	3.6718	30.162	1.1875	30.302	1.193	23.812	0.9375	3.3	3.5	103	140	4500	6000	K3782SH/K3720SH	0.34	1.77	0.98	22	1.04	
44.45	93.264	3.6718	30.162	1.1875	30.302	1.193	23.812	0.9375	3.3	3.5	103	140	4500	6000	K3782/K3720	0.34	1.77	0.98	22	1.04	

44.45	95.25	3.75	30.958	1.2188	28.575	1.125	22.225	0.875	0.8	3.5	111	133	4500	6000	KHM903249/KHM903210	0.74	0.81	0.45	32	1.00	
44.45	101.6	4	34.925	1.375	36.068	1.42	26.988	1.0625	3.3	3.5	136	168	4500	6000	K527/K522	0.29	2.1	1.16	22	1.36	
44.45	104.775	4.125	36.512	1.4375	36.512	1.4375	28.575	1.125	3.3	3.5	146	194	4300	5600	K59175/K59412	0.4	1.49	0.82	26	1.63	
44.988	1.7712	104.986	4.1333	32.512	1.28	31.75	1.25	23.368	0.92	2.5	2.5	127	164	4500	6000	KHM905843/KHM905810	0.78	0.77	0.42	34	1.41
45.23	1.7807	79.985	3.149	19.842	0.7812	20.638	0.8125	15.08	0.5937	2	1.3	58	76	4500	6000	K17887/K17831	0.37	1.64	0.9	16	0.406
45.237	1.781	87.312	3.437	30.162	1.1875	30.886	1.216	23.812	0.9375	3.3	3.5	114	120	4500	6000	K3586/K3525-1	0.31	1.97	1.08	20	0.758
45.242	1.7812	73.431	2.891	19.558	0.77	19.812	0.78	15.748	0.62	0.8	3.5	51.5	70	4500	6000	KLM102949/KLM102910	0.31	1.97	1.08	14	0.318
45.242	77.788	3.0625	21.43	0.8437	19.842	0.7812	16.667	0.6562	0.8	3.5	51	71	4800	6300	KLM603049/KLM603012	0.43	1.4	0.77	19	0.358	
45.618	1.796	82.931	3.265	23.812	0.7375	25.4	1	19.05	0.75	0.8	3.5	77	100	4500	6000	K25590/K25520	0.33	1.79	0.99	18	0.556
45.618	82.931	3.265	26.988	1.0625	25.4	1	22.225	0.875	2.3	3.5	77	100	4500	6000	K25590/K25523	0.33	1.79	0.99	18	0.589	
45.618	82.931	3.265	23.812	0.9375	25.4	1	19.05	0.75	0.8	3.5	77	100	4500	5000	K25590SH/K25520SH	0.33	1.79	0.99	18	0.556	
45.618	83.058	3.27	23.876	0.94	25.4	1	19.114	0.7525	2	3.5	70	100	4500	5000	K25590SH/K25522SH	0.33	1.79	0.99	21	0.556	
45.618	83.058	3.27	23.876	0.94	25.4	1	19.114	0.7525	2	3.5	77	100	4500	5000	K25590/K25522	0.33	1.79	0.99	18	0.556	
46.038	1.8125	79.375	3.125	17.462	0.6875	17.462	0.6875	13.495	0.5313	1.5	2.8	48	60	4500	6000	K18690/K18620	0.37	1.6	0.88	16	0.325
46.038	85	3.3465	20.638	0.8125	21.692	0.854	17.462	0.6875	1.5	2.3	73	83	4500	6000	K359S/K354X	0.31	1.9	1.1	16	0.770	
46.038	85	3.3465	20.638	0.8125	21.692	0.854	17.462	0.6875	1.3	2.3	73	83	4500	6000	K359S/K354A	0.31	1.9	1.1	16	0.770	
47.625	1.875	93.264	3.6718	30.162	1.1875	30.302	1.193	23.812	0.9375	3.3	3.5	103	140	3800	5300	K3779/K3720	0.34	1.77	0.98	21	0.921
47.625	95.25	3.75	30.162	1.1875	29.37	1.1563	23.02	0.9063	3.3	3.5	107	144	3800	5300	KHM804846/KHM804810	0.55	1.1	0.6	26	0.987	
50.8	82.55	3.25	21.59	0.85	22.225	0.875	16.51	0.65	1.3	3.5	68.5	84	4500	6000	KLM104949/KLM104911	0.31	1.97	1.08	16	0.417	
50.8	85	3.3465	17.462	0.6875	17.462	0.6875	13.495	0.5313	1.5	3.5	50.5	66.5	4000	5000	K18790/K18720	0.41	1.48	0.81	63	0.378	
50.8	88.9	3.5	20.638	0.8125	22.225	0.875	16.513	0.6501	1.3	3.5	75.5	89	4000	5000	K368A/K362A	0.32	1.88	1.03	17	0.520	
50.8	90	3.5433	25	0.9843	22.225	0.875	20	0.7874	2	3.5	75.5	89	4000	5000	K368A/K362X	0.32	1.88	1.03	17	0.601	
50.8	92.075	3.625	24.608	0.9688	25.4	1	19.845	0.7813	0.8	3.5	86.5	119	4000	5000	K28580/K28521	0.38	1.59	0.88	18	0.701	
50.8	93.264	3.6718	30.162	1.1875	30.162	1.1875	23.812	0.9375	0.8	0.8	124	158	4000	5000	K3775/K3730	0.34	1.77	0.98	22	0.870	
50.8	93.264	3.6718	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	124	158	4000	4500	K3780/K3720	0.34	1.77	0.98	22	0.870	
50.8	101.6	4	31.75	1.25	31.75	1.25	25.4	1	0.8	3.5	120	151	4000	4500	K49585/K49522	0.4	1.5	0.82	23		
50.8	104.775	4.125	36.512	1.4375	36.512	1.4375	28.575	1.125	3.3	3.5	140	192	3500	4500	KHM807046/KHM807010	0.49	1.23	0.68	29	1.48	
50.8	104.775	4.125	36.512	1.4375	36.512	1.4375	28.575	1.125	3.3	3.5	146	194	3500	4500	K59200/K59412	0.4	1.49	0.82	26	1.49	
50.8	104.775	4.125	30.162	1.1875	30.958	1.2188	23.812	0.9375	3.3	0.8	127	166	3500	4500	K45285ASH/K45220SH	0.33	1.8	0.99	26	1.23	
50.8	104.775	4.125	30.162	1.1875	30.958	1.2188	23.812	0.9375	3.3	6.4	127	166	3500	4500	K45284/K45220	0.33	1.8	0.99	26	1.23	
50.8	107.95	4.25	27.783	1.0938	29.317	1.1542	22.225	0.875	0.8	0.8	110	143	3500	4500	K455/K453A	0.34	1.79	0.98	21	1.24	
50.8	107.95	4.25	27.795	1.0943	29.317	1.1542	27	1.063	0.8	0.8	110	143	3500	4500	K455/K453	0.34	1.79	0.98	21	1.30	
50.8	123.825	4.875	36.512	1.4375	32.791	1.291	25.4	1	3.3	3.5	142	189	2800	4000	K72200C/K72487	0.74	0.81	0.45	38	2.13	

50.8	2	82	3.2283	21.967	0.8648	22.225	0.875	17	0.6693	0.5	3.5	68.5	84	4500	6000	KLM104949/KLM104910	0.3	2	1.1	16	0.422
51.75	2.0374	104.775	4.125	30.162	1.1875	29.317	1.1542	24.605	0.9687	3.3	2.3	100	145	3500	4500	K462/K453X	0.34	1.79	0.98	25	1.05
52.388	2.0625	92.075	3.625	24.608	0.9688	25.4	1	19.845	0.7813	0.8	3.5	86.5	119	3500	4000	K28584/K28521	0.38	1.59	0.88	18	0.678
52.388	92.075	3.625	24.608	0.9688	25.4	1	19.845	0.7813	0.8	3.5	86.5	119	3500	4000	K28584A6/K28521	0.38	1.59	0.88	18	0.678	
52.388	95.25	3.75	27.783	1.0938	28.575	1.125	22.225	0.875	2.3	3.5	109	140	3000	4000	K33891/K33821	0.33	1.82	1	20	0.811	
53.975	2.125	95.25	3.75	27.783	1.0938	28.575	1.125	22.225	0.875	0.8	1.5	109	140	3000	4000	K33895/K33822	0.33	1.82	1	20	0.819
53.975	100	3.937	21	0.8268	21.946	0.864	17.862	0.7032	2	0.8	82.5	103	3000	4000	K389A/K383A	0.35	1.69	0.93	19	0.692	
53.975	107.95	4.25	36.512	1.4375	36.957	1.455	28.575	1.125	0.5	3.5	153	190	3000	4000	K539/K532XA6	0.3	2.02	1.11	23	1.47	
53.975	123.825	4.875	36.512	1.4375	32.791	1.291	25.4	1	3.3	3.5	142	189	2800	4000	K72212C/K72487	0.74	0.81	0.45	38	2.12	
53.975	130.175	5.125	36.512	1.4375	33.338	1.3425	23.812	0.9375	3.3	3.5	176	210	3000	4000	KHM911242/KHM911210	0.81	0.74	0.41	41	2.24	
54.488	2.1452	104.775	4.125	36.512	1.4375	36.512	1.4375	28.575	1.125	3.3	3.5	140	192	3000	4000	KHM807048/KHM807010	0.49	1.23	0.68	29	1.39
55.562	2.1875	97.63	3.837	24.608	0.9688	24.608	0.9688	19.446	0.7656	0.8	3.5	89.5	129	3000	4000	K28680/K28622	0.4	1.49	0.82	21	0.760
57.15	2.25	96.838	3.8125	21	0.8268	21.946	0.864	15.875	0.625	0.8	3.5	82.5	103	3000	4000	K387A/K382A	0.35	1.7	0.9	21	0.581
57.15	100	3.937	21	0.8268	21.946	0.864	17.826	0.7018	2	0.8	82.5	103	3000	4000	K387S/K383A	0.35	1.69	0.93	19	0.653	
57.15	112.712	4.4375	30.162	1.1875	30.048	1.183	23.812	0.9375	3.3	3.5	139	198	3000	4000	K3979/K3920	0.35	1.7	0.93	24	1.46	
57.15	112.712	4.4375	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	8	141	201	3000	4000	K39581/K39520	0.35	1.7	0.93	24	1.42	
57.15	140.03	5.513	36.512	1.4375	33.236	1.3085	23.52	0.926	2.3	3.5	155	185	3000	4000	K78225C/K78551	0.87	0.69	0.38	45	2.53	
60.325	2.375	100	3.937	25.4	1	25.4	1	19.845	0.7813	3.3	3.5	95	75.5	3000	4000	K28985/K28921	0.43	1.41	0.77	24	0.812
60.325	101.6	4	25.4	1	25.4	1	19.845	0.7813	3.3	3.5	95	75.7	3000	4000	K28985/K28920	0.43	1.41	0.77	24	0.851	
60.325	122.238	4.8125	38.1	1.5	38.354	1.51	29.718	1.17	3.3	8	233	154	3000	4000	KHM212044/KHM212011	0.34	1.78	0.98	31	2.08	
60.325	123.825	4.875	38.1	1.5	36.678	1.444	30.162	1.1875	3.3	2.3	162	223	3000	4000	K558/K552A	0.35	1.73	0.95	31	2.09	
60.325	127	5	44.45	1.75	44.45	1.75	34.925	1.375	3.3	3.5	211	274	3000	4000	K65237/K65500	0.49	1.2	0.68	35	2.65	
61.912	2.4375	112.712	4.4375	26.967	1.0617	21.996	0.866	23.812	0.9375	3.3	0.8	91	105	3000	4000	K392/K3920	0.4	1.49	0.82	27	1.06
61.912	127	5	36.512	1.4375	36.512	1.4375	26.988	1.0625	3.3	3.5	166	234	2600	3400	KHM813843/KHM813810	0.5	1.2	0.66	37	2.16	
61.912	136.525	5.375	46.038	1.8125	46.038	1.8125	36.512	1.4375	3.3	3.5	249	405	2600	3400	KH715334/KH715311	0.47	1.3	0.7	37	3.41	
63.5	2.5	94.458	3.7188	19.05	0.75	19.05	0.75	15.083	0.5938	1.5	1.5	62	105	3000	4000	KL610549/KL610510	0.42	1.4	0.78	20	0.453
63.5	104.775	4.125	21.433	0.8438	22	0.8661	15.875	0.625	2.0	2.0	92.5	119	3000	4000	K39250/K39412	0.39	1.6	0.86	20	0.711	
63.5	107.95	4.25	25.4	1	25.4	1	19.05	0.75	3.3	1.5	92.5	141	3000	4000	K29586/K29520	0.46	1.31	0.72	18	0.914	
63.5	107.95	4.25	25.4	1	25.4	1	19.05	0.75	0.8	1.5	92.5	141	3000	4000	K29586/K29522	0.46	1.31	0.72	24	0.914	
63.5	107.95	4.25	25.4	1	25.4	1	19.05	0.75	0.8	3.5	92.5	141	3000	4000	K29585/K29522	0.46	1.31	0.72	24	0.914	
63.5	110	4.3307	22	0.8661	21.996	0.866	18.824	0.7411	1.3	3.5	90	117	3000	4000	K395/K394A	0.4	1.5	0.82	21	0.853	
63.5	110	4.3307	25.4	1	25.4	1	19.05	0.75	1.3	3.5	92.5	141	3000	4000	K29585/K29521	0.46	1.31	0.72	24	0.965	

63.5	112.712	4.4375	30.162	1.1875	30.048	1.183	23.812	0.9375	3.3	3.5	116	170	2900	3900	K3982/K3920	0.4	1.49	0.82	24	1.22	
63.5	112.712	4.4375	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	154	201	2900	3900	K39585/K39520	0.35	1.7	0.93	24	1.27	
63.5	112.712	4.4375	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	154	201	2900	3900	K39585/K39520/HE1	0.35	1.7	0.93	24	1.27	
63.5	122.238	4.8125	38.1	1.5	38.354	1.51	29.718	1.17	3.3	7	190	250	2900	3900	KHM212047/KHM212011	0.34	1.78	0.98	24	1.90	
63.5	123.825	4.875	38.1	1.5	36.678	1.444	30.162	1.1875	3.3	3.5	162	223	2900	3900	K559/K552A	0.35	1.73	0.95	29	1.99	
63.5	127	5	36.512	1.4375	36.512	1.4375	26.988	1.0625	3.3	3.5	166	234	2900	3900	KHM813842/KHM813810	0.5	1.2	0.66	32	2.12	
63.5	136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	264	340	2800	3800	KH414235/KH414210	0.36	1.66	0.91	30	3.03	
63.5	136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	264	340	2800	3800	KH414235A6/KH414210B	0.36	1.66	0.91	30	2.96	
65.088	2.5625	135.7555	5.3447	53.975	2.125	56.007	2.205	44.45	1.75	3.3	3.5	265	355	2600	3400	K6379/K6320	0.32	1.88	1.02	36	3.63
66.675	2.625	107.95	4.25	25.4	1	25.4	1	19.05	0.75	0.8	3.5	92.5	141	2800	3800	K29590/K29522	0.46	1.31	0.72	18	0.853
66.675	107.95	4.25	25.4	1	25.4	1	19.05	0.75	0.8	3.5	92.5	141	2800	3800	K29590A6/K29522	0.46	1.31	0.72	24	0.853	
66.675	110	4.3307	22	0.8661	21.996	0.866	18.824	0.7411	1.3	0.8	90	117	2800	3800	K395A/K394A	0.4	1.49	0.82	21	0.797	
66.675	110	4.3307	22	0.8661	21.996	0.866	18.824	0.7411	1.3	3.5	90	117	2800	3800	K395S/K394A	0.4	1.49	0.82	21	0.397	
66.675	112.712	4.4375	30.162	1.1875	30.048	1.183	23.812	0.9375	3.3	3.5	116	170	2800	3800	K3984/K3920	0.4	1.49	0.82	24	1.17	
66.675	112.712	4.4375	30.162	1.1875	30.048	1.183	23.812	0.9375	3.3	5.5	116	170	2800	3800	K3994/K3920	0.4	1.49	0.82	24	1.17	
66.675	112.712	4.4375	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	141	201	2800	3800	K39590/K39520	0.35	1.7	0.93	24	1.23	
66.675	112.712	4.4375	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	141	201	2800	3800	K39590SH/K39520SH	0.35	1.7	0.93	24	1.23	
66.675	117.475	4.625	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	123	180	2800	3800	K33262/K33462	0.44	1.38	0.76	28	1.37	
66.675	122.238	4.8125	38.1	1.5	38.354	1.51	29.718	1.17	3.3	3.6	233	154	2800	3800	KHM212049/KHM212011	0.34	1.78	0.98	24	1.90	
66.675	122.238	4.8125	38.1	1.5	38.354	1.51	29.718	1.17	1.5	3.5	233	154	2800	3800	KHM212049/KHM212010	0.34	1.78	0.98	27	1.90	
66.675	136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	199	271	2600	3400	K641/K632	0.36	1.66	0.91	30	2.74	
66.675	136.525	5.375	46.038	1.8125	46.038	1.8125	36.512	1.4375	3.3	3.5	249	405	2600	3400	KH715341/KH715311	0.47	1.3	0.7	37	3.24	
66.675	122.238	4.8125	38.1	1.5	38.354	1.51	29.718	1.17	SP	SP	233	154	2600	3400	KHM212049A6/KHM21201	0.34	1.78	0.98	27		
68.262	2.6875	136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	199	271	2600	3400	K642/K632	0.36	1.66	0.91	30	2.69
68.262	136.525	5.375	46.038	1.8125	46.038	1.8125	36.512	1.4375	3.3	3.5	238	380	2600	3400	KH715343/KH715311	0.47	1.3	0.7	37	3.18	
68.262	161.925	6.375	49.212	1.9375	46.038	1.8125	31.75	1.25	3.3	3.5	248	490	2800	3800	K9278/K9220	0.71	0.85	0.47	56	4.58	
69.85	130.175	5.125	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	199	271	2600	3600	K643/K633	0.36	1.66	0.91	29	2.30	
69.85	146.05	5.75	41.275	1.625	39.688	1.5625	25.4	1	3.3	3.5	206	240	2600	3600	KH913849/KH913810	0.78	0.77	0.42	45	2.97	
69.85	112.712	4.4375	25.4	1	25.4	1	19.05	0.75	3.3	1.5	98	156	2600	3600	K29675/K29620	0.49	1.23	0.68	26	0.952	
69.85	120	4.7244	32.545	1.2813	32.545	1.2813	26.195	1.0313	3.3	3.5	157	229	3000	4000	K47487/K47420	0.35	1.7	0.9	25	1.50	
69.85	2.75	120	4.7244	29.795	1.173	29.007	1.142	24.237	0.9542	2	3.5	135	188	2800	3800	K482/K472	0.38	1.56	0.86	26	1.32
71.438	2.8125	117.475	4.625	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	118	180	2600	3600	K33281/K33462	0.44	1.38	0.76	28	1.24
71.438	136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	3.5	242	300	2600	3600	KH414249/KH414210	0.36	1.66	0.92	31	2.59	

71.438	136.525	5.375	41.275	1.625	41.275	1.625	31.75	1.25	3.3	6.4	199	271	2600	3600	K645/K632	0.36	1.66	0.91	33	2.55	
73.025	2.875	112.712	4.4375	25.4	1	25.4	1	19.05	0.75	3.3	3.5	98	156	2600	3600	K29685/K29620	0.49	1.23	0.68	25	0.878
73.025	117.475	4.625	30.162	1.1875	30.162	1.1875	23.812	0.9375	3.3	3.5	118	180	2600	3600	K33287/K33462	0.44	1.38	0.76	28	1.21	
73.025	150.089	5.909	44.45	1.75	46.672	1.8375	36.512	1.4375	3.3	3.5	264	365	2400	3400	K744/K742	0.33	1.84	1.01	31	3.74	
75.987	2.9916	131.976	5.1959	39	1.5354	39	1.5354	32	1.2598	3.5	7	203	305	2600	3600	KHM215249/KHM215210	0.33	1.84	1.01	28	2.14
76.2	3	125.412	4.9375	25.4	1	25.4	1	19.845	0.7813	1.5	3.5	91	160	2600	3600	K27684/K27620	0.45	1.32	0.73	29	1.25
76.2	127	5	30.162	1.1875	31	1.2205	22.225	0.875	3.3	3.5	184	220	2600	3600	K42687/K42620	0.42	1.43	0.79	27	1.44	
76.2	127	5	30.162	1.1875	31	1.2205	22.225	0.875	3.3	6.4	184	220	2600	3600	K42688/K42620	0.42	1.43	0.79	27	1.44	
76.2	135.733	5.3438	44.45	1.75	46.1	1.815	34.925	1.375	3.3	3.5	215	340	2600	3600	K5760/K5735	0.41	1.5	0.81	33	2.73	
76.2	136.525	5.375	30.162	1.1875	29.769	1.1716	22.225	0.875	3.175	3.5	134	198	2400	3400	K495A/K493	0.44	1.35	0.74	29	1.82	
76.2	139.992	5.5115	36.512	1.4375	36.098	1.4212	28.575	1.125	3.302	3.5	187	290	2400	3400	K575/K572	0.4	1.49	0.82	32	2.44	
76.2	150.089	5.909	44.45	1.75	46.672	1.8375	36.512	1.4375	3.3	3.5	264	365	2400	3400	K748S/K742	0.33	1.84	1.01	33	3.62	
76.2	161.925	6.375	47.625	1.875	48.26	1.9	38.1	1.5	3.3	3.5	273	390	2400	3400	K755/K752	0.34	1.76	0.97	40	4.85	
76.2	161.925	6.375	53.975	2.125	55.1	2.1693	42.862	1.6875	3.3	3.5	315	475	2400	3400	K6576/K6535	0.4	1.49	0.82	41	5.46	
76.2	171.45	6.75	49.212	1.9375	46.038	1.8125	31.75	1.25	3.3	3.5	267	325	2000	2800	K9380/K9321	0.76	0.79	0.43	54	5.20	
76.2	180.975	7.125	53.975	2.125	53.183	2.0938	35.72	1.4063	3.3	3.5	207	210	2000	2800	KH917840/KH917810	0.73	0.82	0.45	63	6.56	
77.788	3.0625	135.733	5.3438	44.45	1.75	46.1	1.815	34.925	1.375	3.3	3.5	215	340	2600	3600	K5795/K5735	0.41	1.5	0.81	33	2.73
80.962	3.1875	136.525	5.375	30.162	1.1875	29.769	1.172	22.225	0.875	3.175	3.503	134	198	2400	3400	K496/K493	0.44	1.35	0.74	29	1.75
82.55	3.25	125.412	4.9375	25.4	1	25.4	1	19.845	0.7813	1.5	3.5	140	151	2400	3400	27687/27620	0.45	1.32	0.73	27	1.10
82.55	133.35	5.25	33.338	1.3125	33.338	1.3125	26.195	1.0313	3.3	6.8	142	218	2400	3400	K47687/K47620	0.4	1.48	0.82	28	1.74	
82.55	133.35	5.25	33.338	1.3125	33.338	1.3125	26.195	1.0313	3.3	3.5	142	218	2400	3400	K47686/K47620	0.4	1.48	0.82	28	1.80	
82.55	133.35	5.25	39.688	1.5625	39.688	1.5625	32.545	1.2813	3.3	3.5	186	310	2400	3400	KHM516449/KHM516410	0.4	1.48	0.82	32	2.12	
82.55	139.7	5.5	36.512	1.4375	36.098	1.4212	28.575	1.125	3.3	3.556	187	290	2400	3400	K580/K572X	0.4	1.48	0.82	31	2.21	
82.55	139.992	5.5115	36.512	1.4375	36.098	1.4212	28.575	1.125	3.302	3.556	217	275	2400	3400	K580/K572	0.4	1.49	0.82	31	2.21	
82.55	146.05	5.75	41.275	1.625	41.275	1.625	31.75	1.25	3.505	0.254	265	360	2400	3400	K663/K653	0.41	1.47	0.81	36	2.87	
82.55	150	5.9055	44.45	1.75	46.672	1.8375	36.512	1.4375	3.3	3.5	264	365	2400	3400	K749A/K742A	0.33	1.84	1.01	38	3.33	
83.345	3.2813	125.412	4.9375	25.4	1	25.4	1	19.845	0.7813	1.5	3.5	100	160	2400	3400	K27690/K27620	0.42	1.44	0.79	26	1.08
84.138	3.3125	133.35	5.25	30.162	1.1875	29.769	1.172	22.225	0.875	3.3	3.5	134	198	2400	3400	K498/K492A	0.44	1.35	0.74	29	1.47
84.976	3.3455	125.412	4.9375	25.4	1	25.4	1	19.845	0.7813	1.5	5	100	160	2400	3400	K27695/K27620	0.45	1.32	0.73	31	1.01
85.026	3.3475	150.089	5.909	44.45	1.75	46.672	1.8375	36.512	1.4375	3.3	3.5	264	365	2400	3400	K749/K742	0.33	1.84	1.01	31	3.22
85.026	150.089	5.909	44.45	1.75	46.672	1.8375	36.512	1.4375	3.3	5	264	365	2400	3400	K749S/K742	0.33	1.84	1.01	33	3.20	
85.725	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.175	3.5	315	167	2000	3400	K596/K592A	0.44	1.36	0.75	39	2.92	
85.725	133.35	5.25	30.162	1.1875	29.769	1.172	22.225	0.875	3.3	3.556	134	198	2200	3200	K497/K492A	0.44	1.35	0.74	23	1.47	

85.725	142.138	5.596	42.862	1.6875	42.862	1.6875	34.133	1.3438	3	4.8	220	345	2200	3200	KHM617049/KHM617010	0.43	1.4	0.76	35	2.63	
85.725	146.05	5.75	41.275	1.625	41.275	1.625	31.75	1.25	3.175	6.4	217	315	2200	3200	K665A/K653	0.41	1.47	0.81	33	2.74	
85.725	3.375	136.525	5.375	30.163	1.1875	29.769	1.172	22.225	0.875	3.175	3.556	134	198	2400	3400	K497/K493	0.44	1.35	0.74	29	1.60
88.9	3.5	118.618	4.67	39.688	1.5625	39.688	1.5625	30.162	1.1875	3.556	6.35	286	350	2000	3000	KHM518445/KHM518410	0.4	1.49	0.82	33	2.86
88.9	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.175	6.4	184	286	1800	2700	K593A/K592A	0.44	1.36	0.75	39	2.80	
88.9	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.3	3.5	207	169	1800	2700	K593/K592A	0.44	1.36	0.75	39	2.63	
88.9	152.4	6	39.688	1.5625	39.688	1.5625	30.162	1.1875	SP	SP	255	370	1800	2700	KHM518445A6/KHM51841	0.4	1.49	0.82	34	2.86	
88.9	161.925	6.375	53.975	2.125	55.1	2.1693	42.862	1.6875	3.3	3.5	315	475	2400	3400	K6580/K6535	0.4	1.49	0.82	41	4.73	
88.9	168.275	6.625	41.275	1.625	41.275	1.625	30.162	1.1875	3.3	3.5	205	350	1800	2700	K679/K672	0.47	1.28	0.7	38	4.03	
88.9	190.5	7.5	57.15	2.25	57.531	2.265	44.45	1.75	3.3	8	380	555	1900	2600	K855/K854	0.33	1.8	0.99	42	7.69	
88.9	190.5	7.5	57.15	2.25	57.531	2.265	46.038	1.8125	3.3	8	445	610	1700	2400	KHH221434/KHH221410	0.33	1.79	0.99	24	7.87	
92.075	3.625	150	9.9055	35.992	1.417	36.322	1.43	27	1.063	3	6.35	184	286	1900	2800	598A/593X	0.44	1.36	0.75	34	2.37
92.075	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.302	6.35	232	315	1900	2800	598A/592A	0.44	1.36	0.75	34	2.67	
92.075	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.3	3.5	232	315	1900	2800	K598/K592A	0.44	1.36	0.75	34	2.66	
92.075	180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	3.3	3.5	288	435	1900	2800	K778/K772	0.39	1.56	0.86	44	5.55	
95.25	3.75	147.638	5.8125	35.717	1.4062	36.322	1.43	26.192	1.0312	0.8	5	228	310	1900	2800	594A/592XE	0.44	1.39	0.75	34	2.13
95.25	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.302	5.08	228	310	1900	2800	594A/592A	0.44	1.36	0.75	34	2.54	
95.25	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.302	5.08	228	310	1900	2800	K594A/K592A	0.44	1.36	0.75	34	2.54	
95.25	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.3	3.5	207	169	1900	2800	K594/K592A	0.44	1.36	0.75	34	2.54	
95.25	152.4	6	39.688	1.5625	36.322	1.43	30.162	1.1875	3.3	8	207	169	1900	2800	K594R/K592A	0.44	1.36	0.75	34	2.52	
95.25	168.275	6.625	41.275	1.625	41.275	1.625	30.162	1.1875	3.3	3.5	221	350	1900	2800	K683/K672	0.48	1.25	0.7	38	3.75	
96.838	3.8125	148.43	5.8437	28.575	1.125	28.971	1.1406	21.433	0.8438	3	3.5	146	230	1900	2800	K42381/K42584	0.49	1.22	0.67	32	1.68
96.838	188.912	7.4375	50.8	2	46.038	1.8125	31.75	1.25	3.3	3.5	270	345	1900	2800	K90381/K90744	0.87	0.69	0.38	62	5.63	
99.975	3.936	212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3	3.5	600	830	1900	2800	KHH224334/KHH224310	0.33	1.84	1.01	54	11.1
101.6	168.275	6.625	41.275	1.625	41.275	1.625	30.162	1.1875	3.3	3.5	205	350	2000	2800	K687/K672	0.47	1.28	0.7	38	3.43	
101.6	190.5	7.5	57.15	2.25	57.531	2.265	44.45	1.75	3.3	8	380	555	1900	2600	K861/K854	0.33	1.8	0.99	42	6.80	
101.6	190.5	7.5	57.15	2.25	57.531	2.265	46.038	1.8125	3.3	8	445	610	1800	2600	KHH221449/KHH221410	0.33	1.79	0.99	24	7.87	
101.6	212.725	8.375	66.675	2.625	66.675	2.625	53.975	2.125	3.3	7	655	900	1800	2600	KHH224335/KHH224310	0.33	1.84	1.01	48	11.1	
101.6	212.725	8.375	66.675	2.625	66.675	2.265	53.975	2.125	3.3	7	450	675	1800	2600	K941/K932	0.33	1.84	1.01	48	11.0	
101.6	250.825	9.875	76.2	3	73.025	2.875	50.8	2	6.4	6.4	550	695	1400	1900	KHH923649/KHH923610	0.71	0.85	0.47	85	17.6	
101.6	4	157.162	6.1875	36.512	1.4375	36.116	1.4219	26.195	1.0313	3.3	3.5	193	315	2000	2800	K52400/K52618	0.47	1.3	0.69	36	2.48
104.775	4.125	180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	3.3	7	288	435	2000	2600	K787/K772	0.39	1.6	0.86	39	4.78
104.775	180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	3.3	3.5	288	435	2000	2600	K782/K772	0.39	1.56	0.86	39	4.81	

104.775	180.975	7.125	47.625	1.875	48.006	1.89	38.1	1.5	3.3	6.4	288	435	2000	2600	K786/K772	0.39	1.56	0.86	39	4.79	
107.95	4.25	146.05	5.75	21.433	0.8438	21.433	0.8438	16.67	0.6563	1.5	1.5	106	180	1900	2800	KL521949/KL521910	0.39	1.54	0.85	26	0.993
107.95	158.75	6.25	23.02	0.9063	21.438	0.844	15.875	0.625	3.3	3.5	107	174	1900	2800	K37425/K37625	0.61	0.99	0.54	39	1.36	
107.95	165.1	6.5	36.512	1.4375	36.512	1.4375	26.988	1.0625	3.3	3.5	198	330	1900	2800	K56425/K56650	0.5	1.2	0.7	38	2.67	
109.538	4.3125	158.75	6.25	23.02	0.9063	21.438	0.844	15.875	0.625	3.3	5	107	174	1900	2800	K37431A/K37625	0.61	0.99	0.54	39	1.32
114.3	4.5	177.8	7	41.275	1.625	41.275	1.625	30.162	1.1875	3.3	3.5	250	400	1900	2800	K64450/K64700	0.52	1.23	0.64	43	3.50
114.3	190.5	7.5	47.625	1.875	49.212	1.9375	34.925	1.375	3.3	3.5	305	480	1900	2800	K71450/K71750	0.41	1.48	0.81	41	5.26	
114.3	212.725	8.375	66.675	2.625	66.675	2.625	53.957	2.1243	3.3	7	450	675	1700	2400	K938/K932	0.33	1.8	1	47	9.95	
114.3	228.6	9	53.975	2.125	49.428	1.946	38.1	1.5	3.3	3.5	400	590	1700	2400	KHM926740/KHM926710	0.74	0.81	0.45	69	9.78	
114.976	4.5266	180.975	7.125	41.275	1.625	41.275	1.625	30.162	1.1875	3.3	9	250	400	1900	2800	K64452A/K64713	0.52	1.15	0.63	43	
117.84	6.378	247.65	9.75	47.625	1.875	47.625	1.875	38.1	1.5	3.3	10.5	420	520	1600	2300	K67791/K67720	0.44	1.36	0.75	52	6.82
120.65	4.75	206.375	8.125	47.625	1.875	47.625	1.875	34.925	1.375	3.3	3.3	330	550	1600	2200	K795/K792	0.46	1.3	0.72	46	6.28
120.65	273.05	10.75	82.55	3.25	82.55	3.25	53.975	2.125	6.4	6.4	815	940	1700	2400	HH926749/HH926710	0.63	0.95	0.52	76	22.1	
120.65	182.562	7.1875	39.688	1.5625	38.1	1.5	33.338	1.3125	3.3	3.5	228	430	1700	2400	K48282/K48220	0.3	2	1.1	34	3.56	
127	5	182.562	7.1875	39.688	1.5625	38.1	1.5	33.338	1.3125	3.3	3.5	228	430	1700	2400	K48290/K48220	0.3	2	1.1	34	3.20
127	182.562	7.1875	39.688	1.5625	38.1	1.5	33.338	1.3125	3.3	3.5	240	430	1700	2400	48290/48220	0.3	2	1.1	34	3.20	
127	234.95	9.25	63.5	2.5	63.5	2.5	49.212	1.9375	3.3	6.4	515	810	1700	2400	K95500/K95925	0.37	1.62	0.89	51	11.6	
127	228.6	9	53.975	2.125	49.428	1.946	38.1	1.5	3.3	3.5	400	590	1700	2400	KHM926747/KHM926710	0.74	0.81	0.45	68	8.88	
128.588	5.0625	206.375	8.125	47.625	1.875	47.625	1.875	34.925	1.375	3.3	3.3	330	550	1600	2200	K799/K792	0.46	1.3	0.72	46	5.70
130.175	5.125	196.85	7.75	46.038	1.8125	46.038	1.8125	38.1	1.5	3.3	3.5	330	590	1600	2200	67389/67322	0.34	1.74	0.96	40	4.96
133.35	5.25	196.85	7.75	46.038	1.8125	46.038	1.8125	38.1	1.5	3.3	3.5	380	420	1600	2200	K67390/K67322	0.34	1.74	0.96	40	4.71
133.35	234.95	9.25	63.5	2.5	63.5	2.5	49.212	1.9375	3.3	9.7	515	810	1500	2000	95525/95925	0.37	1.62	0.89	51	11.1	
139.7	236.538	9.3125	57.15	2.25	56.642	2.23	44.45	1.75	3.3	3.5	510	810	1400	1900	KHM231132/KHM231110	0.31	1.9	1.1	45	10.1	
139.7	254	10	66.675	2.625	66.675	2.625	47.625	1.875	3.3	7	715	1100	1400	1900	K99550/K99100	0.41	1.47	0.81	54	14.0	
139.7	5.5	228.6	9	57.15	2.25	57.15	2.25	44.45	1.75	3.3	3.5	370	680	1400	1900	K898/K892	0.42	1.43	0.79	50	8.85
146.05	5.75	193.675	7.625	28.575	1.125	28.575	1.125	23.02	0.9063	1.5	1.5	186	370	1600	2200	K36690/K36620B	0.37	1.6	0.9	34	2.22
146.05	304.8	12	88.9	3.5	82.55	3.25	57.15	2.25	6.4	6.4	835	1140	1100	1600	KHH932145/KHH932110	0.73	0.82	0.45	105	28.3	
152.4	6	222.25	8.75	46.83	1.8437	46.83	1.8437	34.925	1.375	1.5	3.5	263	540	1100	1600	KM231649/KM231610	0.33	1.8	0.99	28	5.76
152.4	254	10	66.675	2.625	66.675	2.625	47.625	1.875	3.3	7	595	930	1100	1600	K99600/K99100	0.41	1.5	0.81	55	12.5	
152.4	268.288	10.563	74.612	2.9375	74.612	2.9375	57.15	2.25	6.4	6.4	670	1070	1200	1700	KEE107060/K107105	0.39	1.55	0.85	58	16.8	
152.4	268.288	10.563	74.612	2.9375	74.612	2.9375	57.15	2.25	6.4	6.4	670	1070	1200	1700	EE107060/107105	0.39	1.55	0.85	58	16.8	
152.4	307.975	12.125	88.9	3.5	93.662	3.6875	66.675	2.625	6.8	9.7	1190	1350	1100	1600	KHH234048/KHH234010	0.33	1.84	1.01	63	30.9	
158.75	6.25	225.425	8.875	41.275	1.625	39.688	1.5625	33.338	1.3125	3.3	3.5	261	440	1100	1600	K46780/K46720	0.38	1.57	0.86	44	5.24

165.1	6.5	225.425	8.875	41.275	1.625	39.688	1.5625	33.338	1.3125	3.3	3.5	261	565	1100	1600	K46790/K46720	0.38	1.57	0.86	44	4.64
165.1		247.65	9.75	47.625	1.875	47.625	1.875	38.1	1.5	3.3	3.5	415	520	1000	1400	K67780/K67720	0.44	1.36	0.75	52	8.16
165.1		288.925	11.375	63.5	2.5	63.5	2.5	47.625	1.875	7	3.3	625	670	1100	1600	KHM237535/KHM237510	0.32	1.88	1.04	52	16.8
165.1		336.55	13.25	92.075	3.625	95.25	3.75	69.85	2.75	6.4	3.3	1320	1500	900	1300	KHH437549/KHH437510	0.37	1.6	0.88	72	37.4
174.625	6.875	288.925	11.375	63.5	2.5	63.5	2.5	47.625	1.875	3.3	7	815	850	1000	1400	KHM237542/KHM237510	0.33	1.84	1.01	54	16.9
174.625		288.925	11.375	63.5	2.5	63.5	2.5	47.625	1.875	3.3	7	815	850	1000	1400	KHM237545/KHM237510	0.33	1.84	1.01	54	16.9
177.8	7	247.65	9.75	47.625	1.875	47.625	1.875	38.1	1.5	3.3	3.5	415	520	1000	1400	K67790/K67720	0.44	1.36	0.75	52	7.12
177.8		260.35	10.25	53.975	2.125	53.975	2.125	41.275	1.625	3.3	3.5	430	840	1000	1400	M236849/M236810	0.33	1.8	0.99	47	9.08
177.8		260.35	10.25	53.975	2.125	53.975	2.125	41.275	1.625	3.3	3.5	430	840	1000	1400	KM236849/KM236810	0.33	1.8	0.99	47	9.08
177.8		288.925	11.375	63.5	2.5	63.5	2.5	47.625	1.875	3.3	7	815	850	900	1300	KHM237545/KHM237510	0.33	1.84	1.01	54	16.7
177.8		319.964	12.597	88.9	3.5	85.725	3.375	65.088	2.5625	4.8	3.5	930	1420	1000	1400	KH239640/KH239610	0.32	1.88	1.04	65	28.2
177.8		428.628	16.875	106.362	4.1875	95.25	3.75	61.912	2.4375	6.4	6.4	1320	1840	900	1000	KEE350701/K351687	0.76	0.82	0.43	121	68.1
178.595	7.0313	265.112	10.4375	51.595	2.0313	57.15	2.25	38.895	1.5313	3.3	3.3	485	870	1000	1400	M336948/M336912	0.33	1.8	1	47	9.75
179.934	7.084	265.112	10.4375	51.595	2.0313	57.15	2.25	38.895	1.5313	3.3	3.3	485	870	1000	1400	M336949/M336912	0.33	1.8	1	47	9.55
184.15	7.25	266.7	10.5	47.625	1.875	46.833	1.8438	38.1	1.5	3.3	3.5	485	520	900	1000	K67883CL4/K67820CL4	0.33	1.81	1	46	8.34
184.15		280	11.0236	46.525	1.8317	46.833	1.8438	36	1.4173	3.3	3.5	360	760	900	1000	K67883/K67830	0.48	1.26	0.69	58	10.1
187.325		282.575	11.125	50.8	2	47.625	1.875	36.512	1.4375	3.3	3.5	395	690	900	1000	87737/87111	0.43	1.4	0.8	55	9.95
187.325	7.375	269.875	10.625	55.562	2.1875	55.562	2.1875	42.862	1.6875	3.3	3.5	425	860	900	1000	KM238849/KM238810	0.33	1.81	1	49	9.63
190.475	7.499	279.4	11	52.388	2.0625	57.15	2.25	41.275	1.625	3.3	3.3	515	985	900	1000	M239449/M239410	0.35	1.7	0.9	49	9.80
190.5	7.5	266.7	10.5	47.625	1.875	46.833	1.8438	38.1	1.5	3.3	3.5	345	725	1100	1500	K67885/K67820	0.48	1.3	0.69	58	8.04
190.5		365.049	14.372	92.075	3.625	88.897	3.4999	63.5	2.5	3.3	6.4	990	1460	900	1000	KEE420751/K421437	0.4	1.6	0.83	79	39.3
191.237	7.529	279.4	11	52.388	2.0625	58.738	2.3125	41.275	1.625	3.3	3.3	515	985	900	1000	M239448A/M239410	0.35	1.7	0.9	49	9.55
196.85	7.75	241.3	9.5	23.812	0.9375	23.017	0.9062	17.462	0.6875	1.5	1.5	160	330	1200	1700	KLL639249/KLL639210	0.43	1.4	0.8	41	2.10
196.85		257.175	10.125	39.688	1.5625	39.688	1.5625	30.162	1.1875	3.3	3.5	275	635	1100	1600	KLM739749/KLM739710	0.44	1.35	0.8	50	5.20
196.85		317.5	12.5	63.5	2.5	63.5	2.5	46.038	1.8125	3.3	4.3	605	1130	850	1200	K93775/K93125	0.52	1.15	0.63	73	18.8
200.025	7.875	276.225	10.875	42.862	1.6875	46.038	1.8125	34.133	1.3438	3.3	3.5	445	780	1000	1500	LM241147/LM241100	0.31	1.9	1.1	45	7.75
203.987	8.031	276.225	10.875	42.862	1.6875	46.038	1.8125	34.133	1.3438	3.3	3.5	445	780	1000	1500	LM241148/LM241100	0.31	1.9	1.1	45	7.35
206.375	8.125	282.575	11.125	46.038	1.8125	46.038	1.8125	36.512	1.4375	3.3	3.5	375	840	1000	1500	67985/67920	0.5	1.2	0.7	62	8.70
206.375		336.55	13.25	98.425	3.875	100.012	3.9375	77.788	3.0625	3.3	3.3	965	1400	850	1200	KH242649/KH242610	0.34	1.78	0.98	52	33.0
209.55	8.25	317.5	12.5	63.5	2.5	63.5	2.5	46.038	1.8125	3.3	4.3	605	1130	850	1200	93825/93125	0.52	1.15	0.63	73	16.6
209.55		317.5	12.5	63.5	2.5	63.5	2.5	46.038	1.8125	3.3	4.3	605	1130	850	1200	K93825/K93125	0.52	1.15	0.63	73	16.6
215.9	8.5	285.75	11.25	46.038	1.8125	46.038	1.8125	34.924	1.375	3.3	3.5	375	840	1000	1500	LM742749/LM742710	0.48	1.25	0.7	60	8.00
216.408	8.52	285.75	11.25	46.038	1.8125	46.038	1.8125	34.924	1.375	3.3	3.5	375	840	1000	1500	LM742747/LM742710	0.48	1.25	0.7	60	7.95

216.713	8.532	285.75	11.25	46.038	1.8125	46.038	1.8125	34.924	1.375	3.3	3.5	375	840	1000	1500	LM742747A/LM742710	0.48	1.25	0.7	60	7.95
220.662	8.6875	314.325	12.375	61.912	2.4375	61.912	2.4375	49.212	1.9375	3.3	6.4	620	1220	1000	1500	KM244249/KM244210	0.33	1.88	0.99	58	14.9
228.6	9	358.775	14.125	71.438	2.8125	71.438	2.8125	53.975	2.125	3.3	3.5	750	1500	950	1300	KM249732/KM249710-1	0.33	1.8	0.99	65	27.2
228.6	488.95	19.25	123.825	4.875	111.125	4.375	73.025	2.875	6.4	6.4	1820	2490	750	1000	HH949549/HH949510	0.94	0.64	0.35	174	101	
230.188	9.0625	317.5	12.5	47.625	1.875	52.388	2.0625	36.512	1.4375	3.3	3.3	520	985	900	1200	LM245846/LM245810	0.31	1.9	1.1	49	10.6
231.775	9.125	300.038	11.8125	33.338	1.3125	31.75	1.25	23.812	0.9375	3.3	3.3	212	420	950	1300	544091/544118A	0.4	1.5	0.8	49	5.40
231.775	317.5	12.5	47.625	1.875	52.388	2.0625	36.512	1.4375	3.3	3.3	520	985	900	1200	LM245848/LM245810	0.31	1.9	1.1	49	10.6	
231.775	336.55	13.25	65.088	2.5625	65.088	2.5625	50.8	2	3.3	6.4	640	1360	850	1200	KM246942/KM246910	0.33	1.8	0.99	61	18.5	
234.95	9.25	384.175	15.125	112.712	4.4375	112.712	4.4375	90.488	3.5625	6.4	6.4	1360	2540	750	1000	KH247549/KH247510	0.33	1.88	0.99	84	50.0
237.33	9.3437	336.55	13.25	65.088	2.5625	65.088	2.5625	50.8	2	3.3	6.4	640	1360	850	1200	KM246949/KM246910	0.33	1.8	0.99	61	17.5
241.3	9.5	444.5	17.5	101.6	4	100.012	3.9375	76.2	3	4.8	6.4	1340	2000	750	1000	KEE923095/K923175	0.34	1.78	0.98	83	65.9
241.3	508	20	117.475	4.625	95.25	3.75	73.025	2.875	6.4	6.4	1340	2060	670	900	KEE390095/K390200	0.94	0.64	0.35	132	96.4	
247.65	9.75	346.075	13.625	63.5	2.5	63.5	2.5	50.8	2	6.4	6.4	670	1310	850	1200	KM348449/KM348410	0.34	1.75	0.96	61	17.4
247.65	406.4	16	115.888	4.5625	117.475	4.625	93.662	3.6875	6.4	6.4	1690	3200	750	1000	HH249949/HH249910	0.33	1.8	0.99	87	58.0	
255.61	10.063	342.9	13.5	57.15	2.25	63.5	2.5	44.45	1.75	3.3	1.5	665	1330	850	1200	M349547SH/M349510SH	0.35	1.73	0.95	59	14.4
257.175	10.125	342.9	13.5	57.15	2.25	57.15	2.25	44.45	1.75	3.3	6.4	725	880	850	1200	KM349549/KM349510	0.35	1.73	0.95	80	14.0
257.175	358.775	14.125	71.438	2.8125	76.2	3	53.975	2.125	3.3	1.5	750	1520	850	1200	M249747SH/M249710SH	0.33	1.8	0.99	64	21.7	
260.35	10.25	422.275	16.625	86.121	3.3906	79.771	3.1406	66.675	2.625	3.3	6.8	1100	1800	900	1300	HM252348/HM252310	0.33	1.8	0.99	78	42.8
263.525	10.375	325.438	12.8125	28.575	1.125	28.575	1.125	25.400	1	1.5	1.5	1280	1790	1000	1500	38880/38820	0.37	1.6	0.9	49	54.2
266.7	10.5	355.6	14	57.15	2.25	57.15	2.25	44.45	1.75	3.3	3.5	715	800	850	1200	KLM451349/KLM451310	0.36	1.67	0.92	62	15.1
266.7	393.7	15.5	73.817	5.125	69.85	2.75	50.005	1.9687	6.4	6.4	770	1460	750	1000	KEE275105/K275155	0.4	1.49	0.82	75	27.8	
266.7	444.5	17.5	120.65	4.75	117.475	4.625	88.9	3.5	6.4	6.4	1610	3050	670	900	KH852849/KH852810	0.58	1.04	0.57	121	73.1	
273.05	10.75	393.7	15.5	73.817	5.125	69.85	2.75	50.005	1.9687	6.4	6.4	770	1460	750	1000	KEE275108/K275155	0.4	1.49	0.82	75	26.3
288.925	11.375	406.4	16	77.788	3.0625	77.788	3.0625	60.325	2.375	3.3	6.4	1250	1900	670	900	M255449/M255410	0.34	1.78	0.98	72	30.5
292.1	11.5	374.65	14.75	47.625	1.875	47.625	1.875	34.925	1.375	3.3	3.5	1080	1590	780	1050	L555249/L555210	0.4	1.5	0.8	65	12.2
304.8	12	393.7	15.5	50.8	2	50.8	2	38.1	1.5	3.3	6.4	580	1210	670	900	KL357049/KL357010	0.36	1.68	0.92	64	14.6
304.8	406.4	16	63.5	2.5	63.5	2.5	47.625	1.875	3.3	6.4	2200	2800	670	900	LM757049/LM757010	0.44	1.38	0.76	79	21.2	
317.5	12.5	447.675	17.625	85.725	3.375	85.725	3.375	68.262	2.6875	3.3	3.5	960	2330	670	900	HM259048/HM259010	0.33	1.8	0.99	80	41.3
330.2	13	415.925	16.375	47.625	1.875	47.625	1.875	34.925	1.375	3.3	3.5	475	1140	670	900	KL860049/KL860010	0.5	1.2	0.7	83	14.3
330.2	482.6	19	85.725	3.375	80.167	3.1562	60.325	2.375	3.5	6.4	1200	2480	600	830	EE526130/526190	0.4	1.5	0.8	90	49.2	
333.375	13.125	469.9	18.5	90.488	3.5625	90.488	3.5625	71.438	2.8125	3.3	6.4	1320	2820	600	830	HM261049/HM261010	0.33	1.8	1	85	47.6
343.154	13.51	450.85	17.75	66.675	2.625	66.675	2.625	52.388	2.0625	3.5	8.5	930	2180	650	850	LM361649A/LM361610	0.35	1.7	0.9	75	28.3
346.075	13.625	488.95	19.25	95.25	3.75	95.25	3.75	74.612	2.9375	3.3	6.4	845	1180	600	830	HM262749/HM262710	0.33	1.8	1	88	55.8

355.6	14	482.6	19	60.32	2.3748	55.56	2.1874	38.1	1.5	7	7	565	1180	600	830	306/355.6-1	0.48	1.27	0.7	92	26.6
371.5	14.626	622.3	24.5	147.638	5.8125	131.762	5.1875	82.55	3.25	12.7	14.3	2300	3600	420	580	H961649/H961610	0.94	0.64	0.35	210	180
377.825	14.875	522.288	20.5625	85.725	3.375	84.138	3.3125	61.912	2.4375	3.3	6.4	1170	2580	670	900	KLM565946/KLM565910	0.38	1.56	0.86	93	51.9
380.1	14.9646	480	18.8976	50	1.9685	48.08	1.8929	35.08	1.3811	4	6	590	1490	560	750	306/380.1	0.5	1.2	0.7	93	20.8
381	15	479.425	18.875	49.212	1.9375	47.625	1.875	34.925	1.375	3.3	6.4	590	1490	560	750	L865547/L865512	0.5	1.2	0.7	92	20.4
381	522.288	20.5625	85.725	3.375	84.138	3.3125	61.912	2.4375	3.3	6.4	1170	2580	650	870	KLM565949/KLM565910	0.38	1.56	0.86	93	51.2	
384.175	15.125	546.1	21.5	104.775	4.125	104.775	4.125	82.550	3.25	6.4	6.4	1850	4150	530	700	HM266449/HM266410	0.33	1.8	1	96	77.6
403.225	15.875	460.375	18.125	28.575	1.125	28.575	1.125	20.638	0.8125	3.3	3.5	240	760	560	750	LL566848/LL566810	0.4	1.5	0.8	70	6.73
406.4	549.275	21.625	85.725	3.375	84.138	3.3125	61.962	2.4394	3.3	6.4	1350	3000	600	800	LM567949/LM567910	0.4	1.5	0.8	100	54.0	
406.4	574.625	22.623	76.2	3	67.866	2.6719	50.8	2	3.3	6.8	920	2030	500	650	EE285160/EE285226	0.5	1.2	0.7	114	54.2	
406.4	762	30	180.975	7.125	161.925	6.375	107.950	4.25	12.7	12.7	3650	6050	350	480	H969249/H969210	0.94	0.64	0.35	250	322	
406.4	16	546.1	21.5	76.2	3	61.12	2.4063	55.562	2.1875	6.4	6.4	840	1830	630	850	KEE234160/K234215	0.48	1.26	0.69	107	41.8
415.925	16.375	590.55	23.25	114.3	4.5	114.3	4.5	88.9	3.5	6.4	6.4	1810	4030	480	650	M268749/M268710	0.33	1.8	0.99	104	96.6
430.212	16.9375	603.25	23.75	76.2	3	73.025	2.875	50.8	2	6.4	6.4	1050	2300	480	650	EE241693/242375	0.52	1.15	0.6	122	58.6
447.625	17.623	635	25	120.65	4.75	120.65	4.75	95.250	3.75	6.4	6.4	2300	5450	430	560	M270749/M270710	0.33	1.8	1	111	121
457.2	18	573.088	22.5625	74.612	2.9375	74.612	2.9375	57.150	2.25	6.4	6.4	1100	2980	480	630	L570649/L570610	0.4	1.5	0.8	101	43.8
457.2	603.25	23.75	85.725	3.375	84.138	3.3125	60.325	2.375	3.3	6.4	1420	3390	450	600	LM770949/LM770910	0.46	1.3	0.7	115	62.0	
457.2	615.95	24.25	85.725	3.375	85.725	3.375	66.675	2.625	6.4	6.4	1450	3750	420	580	LM272235/LM272210	0.33	1.8	1	98	73.2	
457.2	660.4	26	91.28	3.5937	85.725	3.375	62.705	2.4687	6.4	10.5	1750	3600	420	580	EE737181/737260	0.37	1.6	0.9	107	91.5	
482.6	19	634.873	24.995	80.962	3.1875	80.962	3.1875	63.5	2.5	3.3	6.4	1430	3600	420	580	EE243190/243250	0.35	1.7	0.9	98	60.8
488.95	19.25	634.873	24.995	84.138	3.3125	84.138	3.3125	61.912	2.4375	3.3	6.4	1420	3600	420	580	LM772748/LM772710	0.48	1.25	0.7	124	64.5
498.475	19.625	634.873	24.995	80.962	3.1875	80.962	3.1875	63.5	2.5	3.3	6.4	1340	2950	420	580	EE243196/243250/HE	0.35	1.7	0.9	98	58.3
520.7	20.5	736.6	29	88.9	3.5	81.758	3.2188	53.975	2.125	3.3	6.4	1630	3350	380	500	EE982051/982900	0.48	1.25	0.7	134	101
536.575	21.125	761.873	29.995	146.05	5.75	146.05	5.75	114.3	4.5	6.4	6.4	3300	7950	360	480	M276449/M276410	0.33	1.8	1	134	202
536.575	820	32.2835	152	5.9843	146	5.748	112	4.4094	5	6	3850	7750	340	450	306/536X4	0.43	1.4	0.8	161	273	
539.75	21.25	635	25	50.8	2	50.8	2	38.1	1.5	6.4	6.4	780	2150	400	530	LL575349/LL575310	0.4	1.5	0.8	102	27.2
607.72	23.926	787.4	31	93.662	3.6875	93.662	3.6875	69.85	2.75	6.4	6.4	2200	2800	340	450	EE649239/649310	0.38	1.58	0.87	124	108
609.6	24	787.4	31	93.662	3.6875	93.662	3.6875	69.85	2.75	6.4	6.4	2120	5250	340	450	EE649240/649310	0.38	1.58	0.87	124	108
635	25	736.6	29	57.15	2.25	53.975	2.125	41.275	1.625	3.3	3.3	855	2640	350	470	80780/80720	0.44	1.35	0.8	124	37.3
660.4	26	812.8	32	95.25	3.75	95.25	3.75	73.025	2.875	6.4	6.4	1920	5550	310	420	L281147/L281110	0.33	1.8	1	123	106
660.4	939.8	37	136.525	5.375	127.08	5.0031	98.5	3.878	6.4	6.4	3700	8100	260	360	306/660.4	0.4	1.5	0.8	167	288	
660.4	1000	39.3701	152.4	6	142.24	5.6	113.665	4.475	6.4	6.4	4300	9450	240	340	306/660.4-1	0.43	1.4	0.8	183	411	

679.45	26.75	901.7	35.5	142.875	5.625	142.875	5.625	111.125	4.375	6.4	9.7	3550	8900	260	360	LM281849/LM281810	0.33	1.8	1	149	243
682.625	26.875	965.2	38	185.738	7.3125	185.81	7.3154	142.950	5.628	6.4	6.4	5050	12480	240	340	306/682 X4-2	0.33	1.8	1	169	419
682.625	1080	42.5197	200	7.874	195	7.6772	142	5.5906	12	12	6650	13100	200	300	306/682 X4-3	0.43	1.4	0.8	209	641	
685.8	27	876.3	34.5	93.662	3.6875	92.075	3.625	69.85	2.75	6.4	6.4	2100	4950	280	380	EE655270/655345	0.43	1.4	0.8	148	399
711.2	28	939.8	37	120.65	4.75	115.38	4.5425	73.33	2.887	6.4	6.4	2600	6150	220	320	306/711.2	0.75	0.8	0.45	254	207
723.9	28.5	914.4	36	84.137	3.3125	80.962	3.1875	60.325	2.375	6.4	5.5	2000	4850	260	360	EE755285/755360	0.37	1.6	0.9	137	116
749.3	29.5	990.6	39	159.5	6.2795	160.388	6.3145	123	4.8425	6.4	6.4	4500	11800	220	320	LM283649/LM283610	0.33	1.8	1	165	331
759.925	29.9183	889	35	69.85	2.75	69.85	2.75	50.8	2	3.3	3.3	1210	3750	260	360	LL483448/LL483418	0.37	1.6	0.9	132	67.2
762	30	889	35	88.9	3.5	88.9	72	2.8346	4	4	2200	3200	260	360	L183449/L183410	0.32	1.88	1.04	127	91.9	
774.7	30.5	965.2	38	93.662	3.6875	80.962	3.1875	66.675	2.625	3.3	6.4	1920	4850	220	320	EE752305/752380	0.4	1.5	0.8	158	130
801.688	31.5625	914.4	36	58.738	2.3125	58.738	2.3125	41.275	1.625	3.3	3.5	1050	3500	240	340	LL584449/LL584410	0.4	1.5	0.8	137	53.6
838.2	33	1041.4	41	93.662	3.6875	88.9	3.5	66.675	2.625	6.4	6.4	1850	4750	200	300	EE763330/763410	0.44	1.35	0.8	177	161
857.25	33.75	1092.2	43	120.65	4.75	111.125	4.375	76.2	3	6.4	19	2790	7300	190	280	EE157337/157430	0.57	1.05	0.6	228	244
977.9	38.5	1130.3	44.5	66.675	2.625	63.5	2.5	47.625	1.875	6.4	6.4	1430	4300	170	240	LL687949/LL687910	0.44	1.35	0.8	184	101
1016	40	1270	50	101.6	4	101.6	4	66.675	2.625	9.7	9.7	2700	7450	160	230	EE168400/168500	0.5	1.2	0.7	229	276