

Temperature °C	2252 Ω @25°C	3KΩ @25°C	5KΩ @25°C	6KΩ @25°C	10KΩ @25°C	30KΩ @25°C	100KΩ @25°C
-80	1660000.00	2211000.00	3685000.00		7371000.00		
-79	1518000.00	2022000.00	3371000.00	4044000.00	6741000.00		
-78	1390000.00	1851000.00	3086000.00	3703000.00	6172000.00		
-77	1273000.00	1696000.00	2827000.00	3392000.00	5653000.00		
-76	1167000.00	1555000.00	2592000.00	3109000.00	5182000.00		
-75	1071000.00	1426000.00	2378000.00	2853000.00	4756000.00		
-74	982800.00	1309000.00	2182000.00	2618000.00	4364000.00		
-73	902700.00	1202000.00	2005000.00	2405000.00	4008000.00		
-72	829700.00	1105000.00	1843000.00	2211000.00	3684000.00		
-71	763100.00	1016000.00	1695000.00	2033000.00	3389000.00		
-70	702300.00	935400.00	1560000.00	1871000.00	3119000.00		
-69	646700.00	861400.00	1436000.00	1723000.00	2872000.00		
-68	595900.00	793700.00	1323000.00	1588000.00	2646000.00		
-67	549400.00	731800.00	1220000.00	1464000.00	2440000.00		
-66	506900.00	675200.00	1126000.00	1351000.00	2251000.00		
-65	467900.00	623300.00	1039000.00	1247000.00	2078000.00		
-64	432200.00	575700.00	959900.00	1152000.00	1919000.00		
-63	399500.00	532100.00	887200.00	1064000.00	1774000.00		
-62	369400.00	492100.00	820500.00	984200.00	1640000.00		
-61	341800.00	455300.00	759200.00	910700.00	1518000.00		
-60	316500.00	421500.00	702900.00	843300.00	1405000.00		
-59	293200.00	390500.00	651100.00	781200.00	1302000.00		
-58	271700.00	361900.00	603500.00	723900.00	1206000.00		
-57	252000.00	335700.00	559700.00	671400.00	1119000.00		
-56	233800.00	311500.00	519400.00	622900.00	1038000.00		
-55	217100.00	289200.00	482200.00	578400.00	964000.00		
-54	201700.00	268600.00	447900.00	537400.00	895600.00		
-53	187400.00	249700.00	416300.00	499300.00	832100.00		
-52	174300.00	232200.00	387100.00	464400.00	774000.00		
-51	162200.00	216000.00	360200.00	432100.00	720200.00		
-50	151000.00	201100.00	335300.00	402300.00	670500.00		
-49	140600.00	187300.00	312300.00	374600.00	624300.00		
-48	131000.00	174500.00	291000.00	349000.00	581700.00		
-47	122100.00	162700.00	271300.00	325300.00	542200.00		
-46	113900.00	151700.00	253000.00	303500.00	505800.00		
-45	106300.00	141600.00	236200.00	283200.00	472000.00		
-44	99260.00	132200.00	220500.00	264500.00	440800.00		
-43	92720.00	123500.00	205900.00	247000.00	411700.00		
-42	86650.00	115400.00	192500.00	230900.00	384800.00		
-41	81020.00	107900.00	180000.00	215900.00	359800.00		
-40	75790.00	101000.00	168300.00	201900.00	336500.00	884600.00	3356000.00
-39	70930.00	94480.00	157500.00	189000.00	315000.00	830900.00	3147000.00
-38	66410.00	88460.00	147500.00	176900.00	294900.00	780800.00	2951000.00
-37	62210.00	82870.00	138200.00	165700.00	276200.00	733900.00	2769000.00
-36	58300.00	77660.00	129500.00	155300.00	258900.00	690200.00	2599000.00
-35	54660.00	72810.00	121400.00	145600.00	242700.00	649300.00	2440000.00
-34	51270.00	68300.00	113900.00	136600.00	227700.00	611000.00	2292000.00
-33	48110.00	64090.00	106900.00	128200.00	213600.00	575200.00	2154000.00

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-32	45170.00	60170.00	100300.00	120300.00	200600.00	541700.00	2025000.00
-31	42420.00	56510.00	94220.00	113000.00	188400.00	510400.00	1904000.00
-30	39860.00	53100.00	88530.00	106200.00	177000.00	481000.00	1791000.00
-29	37470.00	49910.00	83220.00	99830.00	166400.00	453500.00	1685000.00
-28	35240.00	46940.00	78260.00	93890.00	156500.00	427700.00	1586000.00
-27	33150.00	44160.00	73620.00	88320.00	147200.00	403500.00	1494000.00
-26	31200.00	41560.00	69290.00	83130.00	138500.00	380900.00	1407000.00
-25	29380.00	39130.00	65240.00	78280.00	130500.00	359600.00	1326000.00
-24	27670.00	36860.00	61450.00	73720.00	122900.00	339600.00	1250000.00
-23	26070.00	34730.00	57900.00	69460.00	115800.00	320900.00	1178000.00
-22	24580.00	32740.00	54580.00	65490.00	109100.00	303300.00	1111000.00
-21	23180.00	30870.00	51470.00	61760.00	102900.00	286700.00	1049000.00
-20	21870.00	29130.00	48560.00	58270.00	97110.00	271200.00	989800.00
-19	20640.00	27490.00	45830.00	54990.00	91650.00	256500.00	934600.00
-18	19480.00	25950.00	43270.00	51900.00	86500.00	242800.00	882700.00
-17	18400.00	24510.00	40860.00	49020.00	81710.00	229800.00	834000.00
-16	17390.00	23160.00	38610.00	46330.00	77220.00	217600.00	788200.00
-15	16430.00	21890.00	36490.00	43770.00	72960.00	206200.00	745200.00
-14	15540.00	20700.00	34500.00	41400.00	69010.00	195400.00	704700.00
-13	14700.00	19580.00	32630.00	39170.00	65280.00	185200.00	666700.00
-12	13910.00	18520.00	30880.00	37060.00	61770.00	175600.00	630900.00
-11	13160.00	17530.00	29230.00	35060.00	58440.00	166600.00	597200.00
-10	12460.00	16600.00	27670.00	33200.00	55330.00	158000.00	565500.00
-9	11810.00	15720.00	26210.00	31470.00	52440.00	150000.00	535600.00
-8	11190.00	14900.00	24830.00	29810.00	49690.00	142400.00	507500.00
-7	10600.00	14120.00	23540.00	28240.00	47070.00	135200.00	481000.00
-6	10050.00	13390.00	22320.00	26780.00	44630.00	128500.00	456000.00
-5	9534.00	12700.00	21170.00	25400.00	42340.00	122100.00	432400.00
-4	9046.00	12050.00	20080.00	24100.00	40170.00	116000.00	410200.00
-3	8586.00	11440.00	19060.00	22880.00	38130.00	110300.00	389200.00
-2	8151.00	10860.00	18100.00	21720.00	36190.00	104900.00	369400.00
-1	7741.00	10310.00	17190.00	20620.00	34370.00	99800.00	350700.00
0	7355.00	9796.00	16330.00	19600.00	32660.00	94980.00	333100.00
1	6989.00	9310.00	15520.00	18620.00	31030.00	90410.00	316400.00
2	6644.00	8851.00	14750.00	17700.00	29500.00	86090.00	300600.00
3	6319.00	8417.00	14030.00	16840.00	28060.00	81990.00	285700.00
4	6011.00	8006.00	13340.00	16020.00	26690.00	78110.00	271600.00
5	5719.00	7618.00	12700.00	15240.00	25400.00	74440.00	258300.00
6	5444.00	7252.00	12090.00	14500.00	24170.00	70960.00	245700.00
7	5183.00	6905.00	11510.00	13810.00	23020.00	67660.00	233800.00
8	4937.00	6576.00	10960.00	13150.00	21920.00	64530.00	222500.00
9	4703.00	6265.00	10440.00	12530.00	20880.00	61560.00	211900.00
10	4482.00	5971.00	9951.00	11940.00	19900.00	58750.00	201700.00
11	4273.00	5692.00	9486.00	11380.00	18970.00	56070.00	192200.00
12	4074.00	5427.00	9046.00	10850.00	18090.00	53540.00	183100.00
13	3886.00	5177.00	8628.00	10350.00	17260.00	51130.00	174500.00
14	3708.00	4939.00	8232.00	9879.00	16470.00	48840.00	166300.00
15	3539.00	4714.00	7857.00	9429.00	15710.00	46670.00	158600.00

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16	3378.00	4500.00	7500.00	9000.00	15000.00	44600.00	151300.00
17	3226.00	4297.00	7162.00	8595.00	14330.00	42640.00	144300.00
18	3081.00	4105.00	6841.00	8209.00	13680.00	40770.00	137700.00
19	2944.00	3922.00	6536.00	7844.00	13070.00	38990.00	131400.00
20	2814.00	3748.00	6247.00	7497.00	12500.00	37300.00	125500.00
21	2690.00	3583.00	5972.00	7167.00	11940.00	35700.00	119800.00
22	2572.00	3426.00	5710.00	6853.00	11420.00	34170.00	114500.00
23	2460.00	3277.00	5462.00	6554.00	10920.00	32710.00	109400.00
24	2354.00	3135.00	5225.00	6272.00	10450.00	31320.00	104500.00
25	2252.00	3000.00	5000.00	6000.00	10000.00	30000.00	100000.00
26	2156.00	2872.00	4787.00	5744.00	9574.00	28740.00	95510.00
27	2064.00	2750.00	4583.00	5499.00	9165.00	27540.00	91340.00
28	1977.00	2633.00	4389.00	5267.00	8779.00	26400.00	87380.00
29	1894.00	2523.00	4204.00	5046.00	8410.00	25310.00	83600.00
30	1815.00	2417.00	4029.00	4836.00	8060.00	24270.00	80000.00
31	1739.00	2317.00	3861.00	4633.00	7722.00	23280.00	76580.00
32	1667.00	2221.00	3702.00	4441.00	7402.00	22330.00	73320.00
33	1599.00	2130.00	3549.00	4260.00	7100.00	21430.00	70220.00
34	1533.00	2042.00	3404.00	4084.00	6807.00	20570.00	67260.00
35	1471.00	1959.00	3266.00	3919.00	6532.00	19740.00	64440.00
36	1412.00	1880.00	3134.00	3762.00	6270.00	18960.00	61750.00
37	1355.00	1805.00	3008.00	3610.00	6017.00	18210.00	59190.00
38	1301.00	1733.00	2888.00	3466.00	5777.00	17490.00	56750.00
39	1249.00	1664.00	2773.00	3328.00	5546.00	16800.00	54420.00
40	1200.00	1598.00	2663.00	3197.00	5329.00	16150.00	52190.00
41	1152.00	1535.00	2559.00	3069.00	5116.00	15520.00	50070.00
42	1107.00	1475.00	2459.00	2949.00	4916.00	14920.00	48040.00
43	1064.00	1418.00	2363.00	2835.00	4725.00	14350.00	46110.00
44	1023.00	1363.00	2272.00	2726.00	4543.00	13800.00	44260.00
45	983.80	1310.00	2184.00	2621.00	4369.00	13280.00	42500.00
46	946.20	1260.00	2101.00	2521.00	4202.00	12770.00	40810.00
47	910.20	1212.00	2021.00	2425.00	4042.00	12290.00	39200.00
48	875.80	1167.00	1944.00	2333.00	3889.00	11830.00	37660.00
49	842.80	1123.00	1871.00	2246.00	3743.00	11390.00	36190.00
50	811.30	1081.00	1801.00	2162.00	3603.00	10970.00	34780.00
51	781.10	1040.00	1734.00	2081.00	3469.00	10570.00	33440.00
52	752.20	1002.00	1670.00	2004.00	3340.00	10180.00	32150.00
53	724.50	965.00	1608.00	1930.00	3217.00	9807.00	30920.00
54	697.90	929.60	1549.00	1859.00	3099.00	9450.00	29740.00
55	672.50	895.80	1493.00	1792.00	2986.00	9109.00	28610.00
56	648.10	863.30	1439.00	1727.00	2878.00	8781.00	27530.00
57	624.80	832.20	1387.00	1665.00	2774.00	8467.00	26500.00
58	602.40	802.30	1337.00	1605.00	2675.00	8166.00	25500.00
59	580.90	773.70	1290.00	1548.00	2580.00	7876.00	24560.00
60	560.30	746.30	1244.00	1493.00	2488.00	7599.00	23650.00
61	540.50	719.90	1200.00	1440.00	2400.00	7332.00	22770.00
62	521.50	694.70	1158.00	1389.00	2316.00	7076.00	21940.00
63	503.30	670.40	1117.00	1341.00	2235.00	6830.00	21140.00

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64	485.80	647.10	1079.00	1294.00	2157.00	6594.00	20370.00
65	469.00	624.70	1041.00	1250.00	2083.00	6367.00	19630.00
66	452.90	603.30	1006.00	1207.00	2011.00	6149.00	18930.00
67	437.40	582.60	971.10	1165.00	1942.00	5940.00	18250.00
68	422.50	562.80	938.00	1126.00	1876.00	5738.00	17600.00
69	408.20	543.70	906.30	1088.00	1813.00	5545.00	16970.00
70	394.50	525.40	875.70	1051.00	1752.00	5359.00	16370.00
71	381.20	507.80	846.40	1016.00	1693.00	5180.00	15800.00
72	368.50	490.90	818.30	981.80	1636.00	5007.00	15250.00
73	356.20	474.70	791.20	949.00	1582.00	4842.00	14720.00
74	344.50	459.00	765.10	917.90	1530.00	4682.00	14210.00
75	333.10	444.00	740.00	887.50	1479.00	4529.00	13720.00
76	322.30	429.50	715.90	858.70	1431.00	4381.00	13250.00
77	311.80	415.60	692.70	830.70	1385.00	4239.00	12790.00
78	301.70	402.20	670.30	803.80	1340.00	4102.00	12360.00
79	292.00	389.30	648.80	778.00	1297.00	3970.00	11940.00
80	282.70	376.90	628.10	753.20	1255.00	3843.00	11540.00
81	273.70	364.90	608.20	729.20	1215.00	3720.00	11150.00
82	265.00	353.40	588.90	706.00	1177.00	3602.00	10780.00
83	256.70	342.20	570.40	683.90	1140.00	3489.00	10420.00
84	248.60	331.50	552.60	662.30	1104.00	3379.00	10080.00
85	240.90	321.20	535.40	641.80	1070.00	3273.00	9744.00
86	233.40	311.30	518.80	621.80	1036.00	3172.00	9424.00
87	226.20	301.70	502.80	602.70	1004.00	3073.00	9117.00
88	219.30	292.40	487.40	584.30	973.80	2979.00	8821.00
89	212.60	283.50	472.60	566.40	944.10	2887.00	8536.00
90	206.10	274.90	458.20	549.10	915.20	2799.00	8261.00
91	199.90	266.60	444.40	532.60	887.70	2714.00	7996.00
92	193.90	258.60	431.00	516.60	861.00	2632.00	7741.00
93	188.10	250.90	418.20	501.20	835.30	2552.00	7496.00
94	182.50	243.40	405.70	486.20	810.40	2476.00	7259.00
95	177.10	236.20	393.70	471.80	786.40	2402.00	7030.00
96	171.90	229.30	382.10	458.00	763.30	2331.00	6810.00
97	166.90	222.60	370.90	444.70	741.10	2262.00	6598.00
98	162.00	216.10	360.10	431.60	719.40	2195.00	6393.00
99	157.30	209.80	349.70	419.10	698.50	2131.00	6195.00
100	152.80	203.80	339.60	407.10	678.50	2069.00	6005.00
101	148.40	197.90	329.80	395.40	659.00	2009.00	5821.00
102	144.20	192.20	320.40	384.20	640.30	1950.00	5643.00
103	140.10	186.80	311.30	373.30	622.10	1894.00	5472.00
104	136.10	181.50	302.50	362.60	604.40	1840.00	5307.00
105	132.30	176.40	294.00	352.50	587.50	1788.00	5147.00
106	128.60	171.40	285.70	342.60	571.00	1737.00	4993.00
107	125.00	166.70	277.80	333.00	555.10	1688.00	4844.00
108	121.60	162.00	270.10	324.00	540.00	1640.00	4700.00
109	118.20	157.60	262.60	314.90	524.90	1594.00	4561.00
110	115.00	153.20	255.40	306.40	510.70	1550.00	4427.00
111	111.80	149.00	248.40	297.90	496.40	1507.00	4297.00

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112	108.80	145.00	241.60	289.90	483.10	1465.00	4172.00
113	105.80	141.10	235.10	281.90	469.80	1425.00	4051.00
114	103.00	137.20	228.70	274.40	457.40	1386.00	3933.00
115	100.20	133.60	222.60	267.00	444.90	1348.00	3820.00
116	97.60	130.00	216.70	260.00	433.40	1311.00	3711.00
117	95.00	126.50	210.90	253.10	421.80	1276.00	3605.00
118	92.50	123.20	205.30	246.40	410.70	1241.00	3502.00
119	90.00	119.90	199.90	239.80	399.60	1208.00	3403.00
120	87.70	116.80	194.70	233.70	389.40	1176.00	3307.00
121	85.40	113.80	189.60	227.50	379.20	1145.00	3214.00
122	83.20	110.80	184.70	221.70	369.40	1114.00	3124.00
123	81.10	107.90	179.90	216.10	360.10	1085.00	3038.00
124	79.00	105.20	175.30	210.50	350.80	1057.00	2953.00
125	77.00	102.50	170.80	205.20	341.90	1029.00	2872.00
126	75.00	99.90	166.40	199.80	333.00	1002.00	2793.00
127	73.10	97.30	162.20	194.80	324.60	976.30	2717.00
128	71.30	94.90	158.10	190.00	316.60	951.10	2643.00
129	69.50	92.50	154.10	185.20	308.60	926.70	2571.00
130	67.80	90.20	150.30	180.60	301.10	903.00	2501.00
131	66.10	87.90	146.50	176.10	293.50	880.00	2434.00
132	64.40	85.70	142.90	171.60	286.00	857.70	2369.00
133	62.90	83.60	139.40	167.60	279.30	836.10	2306.00
134	61.30	81.60	136.00	163.30	272.20	815.00	2244.00
135	59.80	79.60	132.60	159.30	265.50	794.60	2185.00
136	58.40	77.60	129.40	155.60	259.30	774.80	2128.00
137	57.00	75.80	126.30	151.90	253.10	755.60	2072.00
138	55.60	73.90	123.20	148.10	246.90	736.90	2018.00
139	54.30	72.20	120.30	144.70	241.10	718.80	1965.00
140	53.00	70.40	117.40	141.20	235.30	701.20	1914.00
141	51.70	68.80	114.60	137.70	229.60	684.10	1865.00
142	50.50	67.10	111.90	134.50	224.20	667.50	1817.00
143	49.30	65.50	109.20	131.30	218.90	651.30	1770.00
144	48.20	64.00	106.70	128.40	214.00	635.60	1725.00
145	47.00	62.50	104.20	125.20	208.70	620.30	1681.00
146	45.90	61.10	101.80	122.30	203.80	605.50	1639.00
147	44.90	59.60	99.40	119.60	199.40	591.10	1598.00
148	43.80	58.30	97.10	116.70	194.50	577.10	1558.00
149	42.80	56.90	94.90	114.00	190.10	563.50	1519.00
150	41.80	55.60	92.70	111.50	185.90	550.20	1481.00
151	40.90	54.50	90.80	109.00	181.70	537.70	
152	40.00	53.30	88.80	106.50	177.50	525.10	
153	39.10	52.10	86.80	104.10	173.50	512.90	
154	38.20	50.90	84.90	101.80	169.60	501.00	
155	37.30	49.69	82.90	99.38	165.70	489.30	
156	36.50	48.70	81.10	97.30	162.10	478.10	
157	35.70	47.60	79.30	95.10	158.50	467.20	
158	34.90	46.50	77.60	93.00	155.00	456.60	
159	34.10	45.50	75.90	91.00	151.60	446.20	

Temperature °C	2252 Ω @25°C	3KΩ @25°C	5KΩ @25°C	6KΩ @25°C	10KΩ @25°C	30KΩ @25°C	100KΩ @25°C
160	33.40	44.49	74.20	88.99	148.31	436.10	
161	32.70	43.50	72.60	87.10	145.10	426.30	
162	32.00	42.60	71.00	85.20	141.90	416.70	
163	31.30	41.70	69.50	83.30	138.40	407.40	
164	30.60	40.80	68.00	81.50	135.80	398.30	
165	29.90	39.90	66.39	79.66	132.77	389.50	
166	29.30	39.00	65.10	78.10	130.10	380.80	
167	28.70	38.20	63.70	76.40	127.30	372.40	
168	28.10	37.40	62.30	74.80	124.60	364.30	
169	27.50	36.60	61.00	73.20	122.00	356.30	
170	26.90	35.83	59.72	71.67	119.45	348.60	
171	26.30	35.10	58.50	70.10	116.90	341.00	
172	25.90	34.30	57.30	68.70	114.50	333.60	
173	25.20	33.60	56.10	67.30	112.10	326.40	
174	24.70	32.90	54.90	65.90	109.80	319.40	
175	24.20	32.24	53.80	64.48	107.46	312.70	
176	23.70	31.60	52.70	63.20	105.30	305.90	
177	23.20	30.90	51.60	61.90	103.20	299.40	
178	22.80	30.30	50.50	60.70	101.10	293.10	
179	22.30	29.70	49.50	59.40	99.00	286.90	
180	21.90	29.10	48.62	58.20	97.10	281.00	
181	21.40	28.50	47.50	57.10	95.10	275.00	
182	21.00	27.90	46.60	55.90	93.20	269.30	
183	20.60	27.40	45.60	54.80	91.30	263.70	
184	20.20	26.80	44.70	53.70	89.50	258.30	
185	19.80	26.30	43.80	52.70	87.80	253.00	
186	19.40	25.80	43.00	51.60	86.00	247.70	
187	19.00	25.30	42.10	50.60	84.30	242.70	
188	18.60	24.80	41.30	49.60	82.70	237.70	
189	18.30	24.30	40.50	48.60	81.10	232.90	
190	17.90	23.85	39.74	47.69	79.48	228.20	
191	17.60	23.40	39.00	46.80	78.00	223.60	
192	17.20	22.90	38.20	45.90	76.50	219.10	
193	16.90	22.50	37.50	45.00	75.10	214.70	
194	16.60	22.10	36.80	44.20	73.70	210.40	
195	16.30	21.71	36.10	43.43	72.30	206.20	
196	16.00	21.30	35.50	42.60	70.90	202.10	
197	15.70	20.90	34.80	41.80	69.60	198.20	
198	15.40	20.50	34.20	41.00	68.30	194.20	
199	15.10	20.20	33.50	40.20	67.10	190.40	
200	14.90	19.85	32.90	39.60	65.90	186.70	
201	14.60	19.40	32.30	38.80	64.70	183.10	
202	14.30	19.10	31.70	38.10	63.50	179.50	
203	14.00	18.70	31.20	37.40	62.30	176.00	
204	13.80	18.40	30.60	36.70	61.20	172.60	
205	13.50	18.10	29.97	35.97	60.10	169.30	
206	13.30	17.80	29.50	35.40	59.00	166.10	
207	13.10	17.40	29.00	34.80	58.00	162.90	

Temperature °C	2252 Ω @25°C	3K Ω @25°C	5K Ω @25°C	6K Ω @25°C	10K Ω @25°C	30K Ω @25°C	100K Ω @25°C
208	12.80	17.10	28.50	34.20	57.00	159.80	
209	12.60	16.80	28.00	33.60	56.00	156.80	
210	12.40	16.52	27.53	33.04	55.00	153.80	
211	12.20	16.30	27.00	32.40	54.00	150.90	
212	11.90	16.00	26.50	31.80	53.10	148.10	
213	11.70	15.70	26.10	31.30	52.10	145.30	
214	11.50	15.40	25.60	30.70	51.20	142.60	
215	11.30	15.05	25.09	30.20	50.30	139.90	
216	11.10	14.90	24.70	29.70	49.50	137.30	
217	10.90	14.60	24.30	29.20	48.60	134.80	
218	10.80	14.40	23.90	28.70	47.80	132.30	
219	10.60	14.10	23.50	28.20	47.00	129.90	
220	10.40	13.85	23.09	27.71	46.18	127.50	
221	10.20	13.70	22.70	27.20	45.40	125.20	
222	10.10	13.40	22.30	26.80	44.70	122.90	
223	9.90	13.20	22.00	26.30	43.90	120.70	
224	9.70	13.00	21.60	25.90	43.20	118.50	
225	9.60	12.80	21.31	25.50	42.50	116.30	
226	9.40	12.60	20.90	25.00	41.80	114.30	
227	9.20	12.30	20.50	24.60	41.10	112.20	
228	9.10	12.10	20.20	24.20	40.40	110.20	
229	8.90	11.90	19.90	23.80	39.70	108.30	
230	8.80	11.72	19.54	23.45	39.08	106.40	
231	8.70	11.50	19.20	23.10	38.50	104.50	
232	8.50	11.40	18.90	22.70	37.80	102.60	
233	8.40	11.20	18.60	22.30	37.20	100.80	
234	8.20	11.00	18.30	22.00	36.60	99.10	
235	8.10	10.79	17.98	21.58	35.97	97.30	
236	8.00	10.60	17.70	21.30	35.50	95.70	
237	7.90	10.50	17.40	20.90	34.90	94.00	
238	7.70	10.30	17.10	20.60	34.40	92.40	
239	7.60	10.10	16.90	20.30	33.80	90.80	
240	7.50	9.98	16.63	19.96	33.26	89.20	
241	7.40	9.80	16.30	19.60	32.80	87.70	
242	7.30	9.70	16.10	19.30	32.20	86.20	
243	7.10	9.50	15.80	19.00	31.70	84.80	
244	7.00	9.30	15.60	18.70	31.30	83.30	
245	6.90	9.22	15.30	18.50	30.80	81.90	
246	6.80	9.10	15.10	18.20	30.30	80.50	
247	6.70	8.90	14.90	17.90	29.80	79.20	
248	6.60	8.80	14.60	17.60	29.40	77.90	
249	6.50	8.60	14.40	17.40	28.90	76.60	
250	6.40	8.54	14.23	17.08	28.46	75.30	