

NOVA 15/50/A4 P30

Spannung: 30 V

$n_l=1728.7\text{U/min}$
 $n_s=58.3\text{U/min/V}$

$I_o=3.5\text{A}$
 $k_n=-6.03\text{U/min/A}$

$k_M=18.47\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
30.0	20.0	1629.5	599.4	518.6	303.9	86.51
30.0	22.0	1616.5	659.3	574.8	339.5	87.18
30.0	24.0	1603.7	719.1	630.3	375.3	87.66
30.0	26.0	1591.0	778.9	685.3	411.3	87.99
30.0	28.0	1578.5	838.7	739.7	447.5	88.20
29.9	30.0	1566.0	898.4	793.6	483.9	88.33
29.9	32.0	1553.7	958.2	846.8	520.5	88.38
29.9	34.0	1541.5	1017.9	899.5	557.2	88.37
29.9	36.0	1529.5	1077.6	951.7	594.2	88.32
29.9	38.0	1517.6	1137.3	1003.3	631.3	88.22
29.9	40.0	1505.8	1197.0	1054.4	668.6	88.09
29.9	42.0	1494.1	1256.6	1104.9	706.2	87.93
29.9	44.0	1482.6	1316.2	1154.9	743.9	87.74
29.9	46.0	1471.2	1375.9	1204.4	781.8	87.54
29.9	48.0	1459.9	1435.4	1253.4	819.8	87.32
29.9	50.0	1448.7	1495.0	1301.9	858.1	87.08
29.9	52.0	1437.7	1554.6	1349.9	896.6	86.83
29.9	54.0	1426.8	1614.1	1397.4	935.2	86.57
29.9	56.0	1416.1	1673.6	1444.4	974.1	86.31
29.9	58.0	1405.4	1733.1	1491.0	1013.1	86.03
29.9	60.0	1394.9	1792.6	1537.2	1052.3	85.75
29.9	62.0	1384.5	1852.1	1582.9	1091.7	85.46
29.9	64.0	1374.3	1911.5	1628.1	1131.3	85.18
29.9	66.0	1364.2	1970.9	1673.0	1171.1	84.88
29.9	68.0	1354.2	2030.3	1717.4	1211.1	84.59
29.9	70.0	1344.3	2089.7	1761.4	1251.2	84.29
29.8	72.0	1334.6	2149.1	1805.1	1291.6	83.99
29.8	74.0	1325.0	2208.4	1848.3	1332.1	83.69
29.8	76.0	1315.5	2267.8	1891.2	1372.9	83.40
29.8	78.0	1306.1	2327.1	1933.7	1413.8	83.10
29.8	80.0	1296.9	2386.4	1975.9	1454.9	82.80
29.8	82.0	1287.8	2445.6	2017.8	1496.2	82.50
29.8	84.0	1278.8	2504.9	2059.3	1537.7	82.21

29.8	86.0	1270.0	2564.1	2100.5	1579.4	81.92
29.8	88.0	1261.3	2623.3	2141.4	1621.2	81.63
29.8	90.0	1252.7	2682.5	2182.0	1663.3	81.34
29.8	92.0	1244.3	2741.7	2222.3	1705.5	81.05
29.8	94.0	1235.9	2800.9	2262.3	1748.0	80.77
29.8	96.0	1227.7	2860.0	2302.1	1790.6	80.49
29.8	98.0	1219.7	2919.1	2341.7	1833.4	80.22
29.8	100.0	1211.7	2978.2	2381.0	1876.4	79.95
29.8	102.0	1203.9	3037.3	2420.1	1919.6	79.68
29.8	104.0	1196.2	3096.4	2459.0	1963.0	79.42
29.8	106.0	1188.7	3155.4	2497.7	2006.5	79.16
29.8	108.0	1181.3	3214.5	2536.2	2050.3	78.90
29.8	110.0	1174.0	3273.5	2574.6	2094.2	78.65
29.8	112.0	1166.8	3332.5	2612.8	2138.4	78.41
29.7	114.0	1159.8	3391.4	2650.9	2182.7	78.16
29.7	116.0	1152.9	3450.4	2688.8	2227.2	77.93
29.7	118.0	1146.1	3509.3	2726.7	2271.9	77.70
29.7	120.0	1139.4	3568.2	2764.4	2316.8	77.47

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Spannung: 35 V

$n_l=2009.6\text{U/min}$
 $n_s=58.2\text{U/min/V}$

$I_o=3.3\text{A}$
 $k_n=-6.58\text{U/min/A}$

$k_M=18.35\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
34.8	20.0	1899.6	696.7	610.3	306.8	87.60
34.8	22.0	1885.5	766.2	675.3	342.0	88.14
34.8	24.0	1871.6	835.8	739.9	377.5	88.52
34.8	26.0	1857.8	905.3	803.8	413.2	88.79
34.8	28.0	1844.1	974.8	867.2	449.0	88.96
34.8	30.0	1830.5	1044.3	930.0	485.1	89.05
34.8	32.0	1817.1	1113.8	992.2	521.4	89.09
34.8	34.0	1803.8	1183.2	1053.9	557.9	89.07
34.8	36.0	1790.7	1252.6	1115.1	594.7	89.02
34.8	38.0	1777.6	1322.0	1175.7	631.6	88.93
34.8	40.0	1764.7	1391.4	1235.8	668.7	88.81
34.8	42.0	1752.0	1460.8	1295.3	706.0	88.67
34.8	44.0	1739.3	1530.1	1354.4	743.6	88.52
34.8	46.0	1726.8	1599.5	1412.9	781.3	88.34
34.8	48.0	1714.5	1668.8	1471.0	819.3	88.15
34.8	50.0	1702.2	1738.1	1528.5	857.5	87.94
34.8	52.0	1690.1	1807.3	1585.6	895.9	87.73
34.8	54.0	1678.2	1876.6	1642.2	934.4	87.51
34.7	56.0	1666.3	1945.8	1698.3	973.2	87.28
34.7	58.0	1654.6	2015.0	1753.9	1012.2	87.04
34.7	60.0	1643.0	2084.2	1809.1	1051.5	86.80
34.7	62.0	1631.6	2153.4	1863.8	1090.9	86.55
34.7	64.0	1620.3	2222.5	1918.2	1130.5	86.31
34.7	66.0	1609.1	2291.7	1972.0	1170.3	86.05
34.7	68.0	1598.0	2360.8	2025.5	1210.4	85.80
34.7	70.0	1587.1	2429.9	2078.6	1250.6	85.54
34.7	72.0	1576.3	2498.9	2131.2	1291.1	85.28
34.7	74.0	1565.6	2568.0	2183.5	1331.8	85.03
34.7	76.0	1555.1	2637.0	2235.4	1372.7	84.77
34.7	78.0	1544.7	2706.1	2286.9	1413.7	84.51
34.7	80.0	1534.4	2775.0	2338.0	1455.0	84.25
34.7	82.0	1524.3	2844.0	2388.8	1496.5	84.00
34.7	84.0	1514.3	2913.0	2439.3	1538.3	83.74

34.7	86.0	1504.4	2981.9	2489.4	1580.2	83.48
34.7	88.0	1494.7	3050.8	2539.3	1622.3	83.23
34.7	90.0	1485.1	3119.7	2588.8	1664.6	82.98
34.7	92.0	1475.6	3188.6	2638.0	1707.2	82.73
34.7	94.0	1466.2	3257.5	2686.9	1749.9	82.48
34.6	96.0	1457.0	3326.3	2735.6	1792.9	82.24
34.6	98.0	1447.9	3395.1	2784.0	1836.1	82.00
34.6	100.0	1439.0	3464.0	2832.1	1879.4	81.76
34.6	102.0	1430.2	3532.7	2880.1	1923.0	81.52
34.6	104.0	1421.5	3601.5	2927.7	1966.8	81.29
34.6	106.0	1412.9	3670.2	2975.2	2010.8	81.06
34.6	108.0	1404.5	3739.0	3022.5	2055.0	80.84
34.6	110.0	1396.2	3807.7	3069.6	2099.5	80.62
34.6	112.0	1388.0	3876.4	3116.5	2144.1	80.40
34.6	114.0	1380.0	3945.0	3163.2	2188.9	80.18
34.6	116.0	1372.1	4013.7	3209.9	2234.0	79.97
34.6	118.0	1364.3	4082.3	3256.3	2279.2	79.77
34.6	120.0	1356.7	4150.9	3302.7	2324.7	79.56

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Spannung: 40 V

$n_l=2301.5\text{U/min}$
 $n_s=58.1\text{U/min/V}$

$I_o=3.4\text{A}$
 $k_n=-7.24\text{U/min/A}$

$k_M=18.41\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
40.0	20.0	2181.2	799.5	698.7	305.9	87.39
40.0	22.0	2166.7	879.3	773.9	341.1	88.01
40.0	24.0	2152.3	959.0	848.5	376.5	88.47
40.0	26.0	2137.8	1038.7	922.6	412.1	88.82
39.9	28.0	2123.3	1118.4	996.1	448.0	89.07
39.9	30.0	2108.8	1198.1	1069.1	484.1	89.23
39.9	32.0	2094.3	1277.7	1141.5	520.5	89.34
39.9	34.0	2079.9	1357.3	1213.3	557.1	89.39
39.9	36.0	2065.4	1436.9	1284.5	593.9	89.40
39.9	38.0	2050.9	1516.4	1355.1	631.0	89.36
39.9	40.0	2036.4	1595.9	1425.1	668.3	89.30
39.9	42.0	2021.9	1675.3	1494.4	705.8	89.20
39.9	44.0	2007.5	1754.8	1563.1	743.6	89.08
39.9	46.0	1993.0	1834.2	1631.2	781.6	88.93
39.9	48.0	1978.5	1913.6	1698.6	819.8	88.77
39.9	50.0	1964.0	1992.9	1765.3	858.3	88.58
39.9	52.0	1949.5	2072.2	1831.3	897.0	88.38
39.8	54.0	1935.1	2151.5	1896.7	936.0	88.16
39.8	56.0	1920.6	2230.7	1961.3	975.2	87.92
39.8	58.0	1906.1	2310.0	2025.2	1014.6	87.67
39.8	60.0	1891.6	2389.1	2088.4	1054.2	87.41
39.8	62.0	1877.2	2468.3	2150.8	1094.1	87.14
39.8	64.0	1862.7	2547.4	2212.5	1134.3	86.85
39.8	66.0	1848.2	2626.5	2273.4	1174.6	86.56
39.8	68.0	1833.7	2705.6	2333.6	1215.2	86.25
39.8	70.0	1819.2	2784.6	2393.0	1256.1	85.94
39.8	72.0	1804.8	2863.6	2451.6	1297.2	85.61
39.8	74.0	1790.3	2942.6	2509.3	1338.5	85.28
39.8	76.0	1775.8	3021.5	2566.3	1380.0	84.93
39.7	78.0	1761.3	3100.4	2622.5	1421.8	84.58
39.7	80.0	1746.8	3179.3	2677.8	1463.8	84.23
39.7	82.0	1732.4	3258.1	2732.2	1506.1	83.86
39.7	84.0	1717.9	3337.0	2785.8	1548.6	83.48

39.7	86.0	1703.4	3415.7	2838.6	1591.3	83.10
39.7	88.0	1688.9	3494.5	2890.4	1634.3	82.71
39.7	90.0	1674.4	3573.2	2941.4	1677.5	82.32
39.7	92.0	1660.0	3651.9	2991.5	1720.9	81.92
39.7	94.0	1645.5	3730.6	3040.6	1764.6	81.51
39.7	96.0	1631.0	3809.2	3088.9	1808.5	81.09
39.7	98.0	1616.5	3887.8	3136.2	1852.6	80.67
39.7	100.0	1602.1	3966.3	3182.6	1897.0	80.24
39.7	102.0	1587.6	4044.9	3228.0	1941.6	79.80
39.6	104.0	1573.1	4123.4	3272.4	1986.5	79.36
39.6	106.0	1558.6	4201.8	3315.9	2031.6	78.92
39.6	108.0	1544.1	4280.3	3358.4	2076.9	78.46
39.6	110.0	1529.7	4358.7	3399.9	2122.5	78.00
39.6	112.0	1515.2	4437.1	3440.4	2168.3	77.54
39.6	114.0	1500.7	4515.4	3479.8	2214.3	77.07
39.6	116.0	1486.2	4593.7	3518.3	2260.6	76.59
39.6	118.0	1471.7	4672.0	3555.7	2307.1	76.11
39.6	120.0	1457.3	4750.3	3592.0	2353.8	75.62

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Spannung: 45 V

nl=2572.8U/min
ns=57.8U/min/VIo=4.1A
kn=-7.55U/min/A

kM=18.58Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
45.0	20.0	2452.9	899.2	762.4	296.8	84.79
45.0	22.0	2437.8	988.9	847.1	331.8	85.66
44.9	24.0	2422.7	1078.6	931.4	367.1	86.35
44.9	26.0	2407.6	1168.3	1015.0	402.6	86.88
44.9	28.0	2392.5	1257.9	1098.1	438.3	87.30
44.9	30.0	2377.4	1347.6	1180.7	474.2	87.62
44.9	32.0	2362.3	1437.1	1262.6	510.4	87.86
44.9	34.0	2347.2	1526.7	1344.0	546.8	88.04
44.9	36.0	2332.1	1616.2	1424.8	583.4	88.16
44.9	38.0	2317.0	1705.7	1505.0	620.3	88.23
44.9	40.0	2301.8	1795.1	1584.5	657.3	88.27
44.9	42.0	2286.7	1884.6	1663.4	694.6	88.27
44.9	44.0	2271.6	1973.9	1741.7	732.2	88.23
44.9	46.0	2256.5	2063.3	1819.3	769.9	88.18
44.8	48.0	2241.4	2152.6	1896.3	807.9	88.09
44.8	50.0	2226.3	2241.9	1972.5	846.1	87.99
44.8	52.0	2211.2	2331.2	2048.1	884.5	87.86
44.8	54.0	2196.1	2420.4	2123.0	923.2	87.71
44.8	56.0	2181.0	2509.6	2197.2	962.0	87.55
44.8	58.0	2165.9	2598.7	2270.7	1001.1	87.38
44.8	60.0	2150.8	2687.9	2343.4	1040.5	87.19
44.8	62.0	2135.7	2777.0	2415.4	1080.0	86.98
44.8	64.0	2120.6	2866.0	2486.7	1119.8	86.76
44.8	66.0	2105.4	2955.1	2557.2	1159.8	86.54
44.8	68.0	2090.3	3044.1	2626.9	1200.1	86.30
44.8	70.0	2075.2	3133.0	2695.9	1240.5	86.05
44.7	72.0	2060.1	3222.0	2764.0	1281.2	85.79
44.7	74.0	2045.0	3310.9	2831.3	1322.1	85.52
44.7	76.0	2029.9	3399.8	2897.9	1363.2	85.24
44.7	78.0	2014.8	3488.6	2963.6	1404.6	84.95
44.7	80.0	1999.7	3577.4	3028.4	1446.2	84.65
44.7	82.0	1984.6	3666.2	3092.5	1488.0	84.35
44.7	84.0	1969.5	3754.9	3155.6	1530.1	84.04

44.7	86.0	1954.4	3843.6	3217.9	1572.3	83.72
44.7	88.0	1939.3	3932.3	3279.4	1614.8	83.39
44.7	90.0	1924.2	4021.0	3339.9	1657.5	83.06
44.7	92.0	1909.0	4109.6	3399.5	1700.5	82.72
44.7	94.0	1893.9	4198.2	3458.2	1743.6	82.37
44.7	96.0	1878.8	4286.7	3516.0	1787.0	82.02
44.6	98.0	1863.7	4375.2	3572.9	1830.7	81.66
44.6	100.0	1848.6	4463.7	3628.8	1874.5	81.30
44.6	102.0	1833.5	4552.2	3683.8	1918.6	80.92
44.6	104.0	1818.4	4640.6	3737.8	1962.9	80.55
44.6	106.0	1803.3	4729.0	3790.8	2007.4	80.16
44.6	108.0	1788.2	4817.3	3842.9	2052.2	79.77
44.6	110.0	1773.1	4905.7	3893.9	2097.1	79.38
44.6	112.0	1758.0	4994.0	3943.9	2142.3	78.97
44.6	114.0	1742.9	5082.2	3993.0	2187.8	78.57
44.6	116.0	1727.8	5170.5	4041.0	2233.4	78.15
44.6	118.0	1712.7	5258.6	4087.9	2279.3	77.74
44.6	120.0	1697.5	5346.8	4133.8	2325.4	77.31

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Spannung: 50 V

nl=2860.3U/min
ns=58.1U/min/VIo=4.7A
kn=-8.23U/min/A

kM=18.59Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
49.8	20.0	2736.4	996.1	814.4	284.2	81.76
49.8	22.0	2718.0	1095.5	914.8	321.4	83.50
49.8	24.0	2699.9	1194.9	1013.8	358.6	84.84
49.8	26.0	2681.9	1294.3	1111.4	395.7	85.87
49.8	28.0	2664.1	1393.6	1207.8	432.9	86.66
49.8	30.0	2646.5	1492.9	1302.9	470.1	87.27
49.8	32.0	2629.2	1592.2	1396.7	507.3	87.72
49.7	34.0	2612.0	1691.4	1489.2	544.5	88.05
49.7	36.0	2595.0	1790.6	1580.6	581.6	88.27
49.7	38.0	2578.2	1889.8	1670.8	618.8	88.41
49.7	40.0	2561.7	1988.9	1759.8	656.0	88.48
49.7	42.0	2545.3	2088.1	1847.6	693.2	88.49
49.7	44.0	2529.2	2187.1	1934.3	730.3	88.44
49.7	46.0	2513.2	2286.2	2020.0	767.5	88.36
49.7	48.0	2497.4	2385.2	2104.6	804.7	88.24
49.7	50.0	2481.9	2484.1	2188.1	841.9	88.08
49.7	52.0	2466.5	2583.1	2270.6	879.1	87.90
49.7	54.0	2451.4	2682.0	2352.1	916.2	87.70
49.7	56.0	2436.4	2780.9	2432.6	953.4	87.48
49.6	58.0	2421.7	2879.7	2512.1	990.6	87.24
49.6	60.0	2407.2	2978.5	2590.8	1027.8	86.98
49.6	62.0	2392.8	3077.3	2668.5	1065.0	86.72
49.6	64.0	2378.7	3176.0	2745.3	1102.1	86.44
49.6	66.0	2364.7	3274.7	2821.3	1139.3	86.15
49.6	68.0	2351.0	3373.4	2896.5	1176.5	85.86
49.6	70.0	2337.5	3472.0	2970.8	1213.7	85.56
49.6	72.0	2324.1	3570.7	3044.3	1250.8	85.26
49.6	74.0	2311.0	3669.2	3117.1	1288.0	84.95
49.6	76.0	2298.1	3767.8	3189.2	1325.2	84.64
49.6	78.0	2285.4	3866.3	3260.5	1362.4	84.33
49.6	80.0	2272.8	3964.8	3331.1	1399.6	84.02
49.6	82.0	2260.5	4063.2	3401.1	1436.7	83.70
49.5	84.0	2248.4	4161.6	3470.4	1473.9	83.39

49.5	86.0	2236.5	4260.0	3539.1	1511.1	83.08
49.5	88.0	2224.8	4358.4	3607.1	1548.3	82.76
49.5	90.0	2213.3	4456.7	3674.6	1585.5	82.45
49.5	92.0	2202.0	4555.0	3741.6	1622.6	82.14
49.5	94.0	2190.9	4653.2	3808.0	1659.8	81.84
49.5	96.0	2179.9	4751.4	3873.9	1697.0	81.53
49.5	98.0	2169.2	4849.6	3939.4	1734.2	81.23
49.5	100.0	2158.7	4947.8	4004.4	1771.3	80.93
49.5	102.0	2148.4	5045.9	4068.9	1808.5	80.64
49.5	104.0	2138.4	5144.0	4133.0	1845.7	80.35
49.5	106.0	2128.5	5242.0	4196.8	1882.9	80.06
49.4	108.0	2118.8	5340.1	4260.2	1920.1	79.78
49.4	110.0	2109.3	5438.0	4323.2	1957.2	79.50
49.4	112.0	2100.0	5536.0	4385.9	1994.4	79.23
49.4	114.0	2090.9	5633.9	4448.4	2031.6	78.96
49.4	116.0	2082.0	5731.8	4510.5	2068.8	78.69
49.4	118.0	2073.4	5829.7	4572.4	2105.9	78.43
49.4	120.0	2064.9	5927.5	4634.1	2143.1	78.18

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Spannung: 55 V

$n_l=3166.1\text{U/min}$
 $ns=58.3\text{U/min/V}$

$Io=4.3\text{A}$
 $kn=-8.96\text{U/min/A}$

$kM=18.29\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
54.9	20.0	3027.7	1098.9	911.3	287.4	82.93
54.9	22.0	3007.5	1208.7	1020.4	324.0	84.43
54.9	24.0	2987.5	1318.4	1128.1	360.6	85.56
54.9	26.0	2967.7	1428.1	1234.3	397.2	86.43
54.9	28.0	2948.2	1537.8	1339.1	433.7	87.08
54.9	30.0	2929.0	1647.4	1442.6	470.3	87.57
54.9	32.0	2909.9	1757.0	1544.7	506.9	87.91
54.9	34.0	2891.2	1866.6	1645.4	543.5	88.15
54.9	36.0	2872.7	1976.2	1744.9	580.1	88.30
54.9	38.0	2854.4	2085.8	1843.2	616.6	88.37
54.9	40.0	2836.3	2195.3	1940.2	653.2	88.38
54.9	42.0	2818.5	2304.8	2036.0	689.8	88.34
54.9	44.0	2801.0	2414.2	2130.6	726.4	88.25
54.9	46.0	2783.7	2523.7	2224.0	762.9	88.13
54.9	48.0	2766.7	2633.1	2316.4	799.5	87.97
54.8	50.0	2749.8	2742.5	2407.6	836.1	87.79
54.8	52.0	2733.3	2851.8	2497.8	872.7	87.59
54.8	54.0	2717.0	2961.2	2587.0	909.3	87.36
54.8	56.0	2700.9	3070.5	2675.1	945.8	87.12
54.8	58.0	2685.0	3179.8	2762.3	982.4	86.87
54.8	60.0	2669.5	3289.1	2848.5	1019.0	86.61
54.8	62.0	2654.1	3398.3	2933.8	1055.6	86.33
54.8	64.0	2639.0	3507.5	3018.2	1092.1	86.05
54.8	66.0	2624.2	3616.7	3101.7	1128.7	85.76
54.8	68.0	2609.6	3725.8	3184.4	1165.3	85.47
54.8	70.0	2595.2	3835.0	3266.3	1201.9	85.17
54.8	72.0	2581.1	3944.1	3347.4	1238.5	84.87
54.8	74.0	2567.2	4053.2	3427.7	1275.0	84.57
54.8	76.0	2553.6	4162.2	3507.4	1311.6	84.27
54.8	78.0	2540.2	4271.3	3586.3	1348.2	83.96
54.8	80.0	2527.0	4380.3	3664.5	1384.8	83.66
54.7	82.0	2514.1	4489.2	3742.1	1421.3	83.36
54.7	84.0	2501.5	4598.2	3819.1	1457.9	83.06

54.7	86.0	2489.1	4707.1	3895.5	1494.5	82.76
54.7	88.0	2476.9	4816.0	3971.3	1531.1	82.46
54.7	90.0	2465.0	4924.9	4046.7	1567.6	82.17
54.7	92.0	2453.3	5033.7	4121.5	1604.2	81.88
54.7	94.0	2441.9	5142.6	4195.8	1640.8	81.59
54.7	96.0	2430.7	5251.4	4269.7	1677.4	81.31
54.7	98.0	2419.8	5360.1	4343.2	1714.0	81.03
54.7	100.0	2409.1	5468.9	4416.3	1750.5	80.75
54.7	102.0	2398.6	5577.6	4489.0	1787.1	80.48
54.7	104.0	2388.4	5686.3	4561.4	1823.7	80.22
54.7	106.0	2378.5	5795.0	4633.4	1860.3	79.96
54.7	108.0	2368.8	5903.6	4705.3	1896.8	79.70
54.7	110.0	2359.3	6012.2	4776.8	1933.4	79.45
54.7	112.0	2350.1	6120.8	4848.2	1970.0	79.21
54.6	114.0	2341.1	6229.4	4919.3	2006.6	78.97
54.6	116.0	2332.4	6338.0	4990.3	2043.2	78.74
54.6	118.0	2323.9	6446.5	5061.1	2079.7	78.51
54.6	120.0	2315.6	6555.0	5131.9	2116.3	78.29