

NOVA 15/50/B3 S P30 HF

Spannung: 35 V

nl=5313.0U/min
ns=153.9U/min/VIo=9.7A
kn=-7.27U/min/A

kM=7.13Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
34.8	40.0	5092.9	1393.5	1151.8	216.0	82.65
34.8	45.0	5056.5	1567.0	1332.5	251.6	85.03
34.8	50.0	5020.2	1740.3	1510.4	287.3	86.79
34.8	55.0	4983.8	1913.4	1685.6	323.0	88.10
34.8	60.0	4947.5	2086.4	1858.1	358.6	89.06
34.8	65.0	4911.1	2259.1	2027.9	394.3	89.77
34.7	70.0	4874.8	2431.8	2195.0	430.0	90.26
34.7	75.0	4838.4	2604.2	2359.3	465.7	90.60
34.7	80.0	4802.0	2776.5	2521.0	501.3	90.80
34.7	85.0	4765.7	2948.6	2679.9	537.0	90.89
34.7	90.0	4729.3	3120.6	2836.1	572.7	90.88
34.7	95.0	4693.0	3292.4	2989.6	608.3	90.80
34.6	100.0	4656.6	3464.0	3140.4	644.0	90.66
34.6	105.0	4620.3	3635.5	3288.4	679.7	90.45
34.6	110.0	4583.9	3806.8	3433.8	715.3	90.20
34.6	115.0	4547.5	3977.9	3576.4	751.0	89.91
34.6	120.0	4511.2	4148.9	3716.3	786.7	89.57
34.6	125.0	4474.8	4319.7	3853.5	822.3	89.21
34.5	130.0	4438.5	4490.3	3988.0	858.0	88.81
34.5	135.0	4402.1	4660.8	4119.8	893.7	88.39
34.5	140.0	4365.7	4831.1	4248.8	929.4	87.95
34.5	145.0	4329.4	5001.3	4375.1	965.0	87.48
34.5	150.0	4293.0	5171.2	4498.8	1000.7	87.00
34.5	155.0	4256.7	5341.0	4619.7	1036.4	86.49
34.4	160.0	4220.3	5510.7	4737.8	1072.0	85.98
34.4	165.0	4184.0	5680.2	4853.3	1107.7	85.44
34.4	170.0	4147.6	5849.5	4966.1	1143.4	84.90
34.4	175.0	4111.2	6018.6	5076.1	1179.0	84.34
34.4	180.0	4074.9	6187.6	5183.4	1214.7	83.77
34.4	185.0	4038.5	6356.4	5288.0	1250.4	83.19
34.3	190.0	4002.2	6525.1	5389.9	1286.0	82.60
34.3	195.0	3965.8	6693.6	5489.1	1321.7	82.01
34.3	200.0	3929.5	6861.9	5585.5	1357.4	81.40

NOVA 15/50/B3 S P30 HF

Spannung: 40 V

$n_l=6011.9\text{U/min}$
 $n_s=152.0\text{U/min/V}$

$I_o=9.6\text{A}$
 $k_n=-7.68\text{U/min/A}$

$k_M=7.20\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
39.9	40.0	5778.7	1596.1	1323.6	218.7	82.92
39.9	45.0	5740.3	1794.9	1531.3	254.7	85.31
39.9	50.0	5701.8	1993.5	1736.1	290.8	87.09
39.9	55.0	5663.4	2192.0	1938.0	326.8	88.41
39.8	60.0	5625.0	2390.3	2137.0	362.8	89.41
39.8	65.0	5586.6	2588.4	2333.1	398.8	90.14
39.8	70.0	5548.2	2786.3	2526.4	434.8	90.67
39.8	75.0	5509.8	2984.1	2716.7	470.8	91.04
39.8	80.0	5471.4	3181.7	2904.1	506.9	91.28
39.8	85.0	5433.0	3379.2	3088.7	542.9	91.40
39.7	90.0	5394.6	3576.5	3270.3	578.9	91.44
39.7	95.0	5356.2	3773.6	3449.0	614.9	91.40
39.7	100.0	5317.8	3970.6	3624.9	650.9	91.29
39.7	105.0	5279.4	4167.4	3797.8	686.9	91.13
39.7	110.0	5241.0	4364.0	3967.9	723.0	90.92
39.7	115.0	5202.6	4560.5	4135.0	759.0	90.67
39.6	120.0	5164.2	4756.8	4299.3	795.0	90.38
39.6	125.0	5125.8	4952.9	4460.6	831.0	90.06
39.6	130.0	5087.4	5148.9	4619.1	867.0	89.71
39.6	135.0	5048.9	5344.7	4774.6	903.1	89.33
39.6	140.0	5010.5	5540.3	4927.3	939.1	88.94
39.6	145.0	4972.1	5735.8	5077.1	975.1	88.52
39.5	150.0	4933.7	5931.1	5223.9	1011.1	88.08
39.5	155.0	4895.3	6126.3	5367.9	1047.1	87.62
39.5	160.0	4856.9	6321.2	5509.0	1083.1	87.15
39.5	165.0	4818.5	6516.1	5647.2	1119.2	86.67
39.5	170.0	4780.1	6710.7	5782.5	1155.2	86.17
39.5	175.0	4741.7	6905.2	5914.8	1191.2	85.66
39.4	180.0	4703.3	7099.5	6044.3	1227.2	85.14
39.4	185.0	4664.9	7293.7	6170.9	1263.2	84.61
39.4	190.0	4626.5	7487.7	6294.6	1299.2	84.07
39.4	195.0	4588.1	7681.5	6415.4	1335.3	83.52
39.4	200.0	4549.7	7875.2	6533.3	1371.3	82.96

NOVA 15/50/B3 S P30 HF

Spannung: 45 V

nl=6726.5U/min
ns=151.3U/min/VIo=9.2A
kn=-8.33U/min/A

kM=7.14Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
44.9	40.0	6474.8	1794.5	1490.8	219.9	83.08
44.8	45.0	6433.1	2018.1	1721.7	255.6	85.31
44.8	50.0	6391.5	2241.6	1949.5	291.3	86.97
44.8	55.0	6349.8	2464.9	2174.1	327.0	88.20
44.8	60.0	6308.1	2688.0	2395.6	362.7	89.12
44.8	65.0	6266.4	2911.0	2614.0	398.3	89.80
44.8	70.0	6224.8	3133.9	2829.3	434.0	90.28
44.8	75.0	6183.1	3356.6	3041.5	469.7	90.61
44.7	80.0	6141.4	3579.2	3250.5	505.4	90.82
44.7	85.0	6099.7	3801.6	3456.5	541.1	90.92
44.7	90.0	6058.1	4023.8	3659.3	576.8	90.94
44.7	95.0	6016.4	4245.9	3859.0	612.5	90.89
44.7	100.0	5974.7	4467.9	4055.6	648.2	90.77
44.7	105.0	5933.0	4689.7	4249.1	683.9	90.61
44.6	110.0	5891.4	4911.3	4439.5	719.6	90.39
44.6	115.0	5849.7	5132.8	4626.7	755.3	90.14
44.6	120.0	5808.0	5354.1	4810.8	791.0	89.85
44.6	125.0	5766.3	5575.3	4991.9	826.7	89.54
44.6	130.0	5724.7	5796.3	5169.8	862.4	89.19
44.6	135.0	5683.0	6017.2	5344.5	898.1	88.82
44.6	140.0	5641.3	6238.0	5516.2	933.8	88.43
44.5	145.0	5599.6	6458.5	5684.8	969.4	88.02
44.5	150.0	5558.0	6678.9	5850.2	1005.1	87.59
44.5	155.0	5516.3	6899.2	6012.5	1040.8	87.15
44.5	160.0	5474.6	7119.3	6171.8	1076.5	86.69
44.5	165.0	5432.9	7339.3	6327.8	1112.2	86.22
44.5	170.0	5391.3	7559.1	6480.8	1147.9	85.74
44.5	175.0	5349.6	7778.8	6630.7	1183.6	85.24
44.4	180.0	5307.9	7998.3	6777.4	1219.3	84.74
44.4	185.0	5266.2	8217.6	6921.1	1255.0	84.22
44.4	190.0	5224.6	8436.8	7061.6	1290.7	83.70
44.4	195.0	5182.9	8655.9	7199.0	1326.4	83.17
44.4	200.0	5141.2	8874.8	7333.3	1362.1	82.63

NOVA 15/50/B3 S P30 HF

Spannung: 50 V

$n_l=7317.4\text{U/min}$
 $n_s=149\text{U/min/V}$

$I_o=11.9\text{A}$
 $k_n=-8.65\text{U/min/A}$

$k_M=7.45\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
49.8	40.0	7091.4	1991.2	1554.1	209.3	78.05
49.8	45.0	7048.1	2239.5	1819.4	246.5	81.24
49.8	50.0	7004.9	2487.5	2081.4	283.7	83.67
49.7	55.0	6961.6	2735.5	2340.0	321.0	85.54
49.7	60.0	6918.3	2983.2	2595.3	358.2	87.00
49.7	65.0	6875.1	3230.8	2847.1	395.5	88.12
49.7	70.0	6831.8	3478.3	3095.6	432.7	89.00
49.7	75.0	6788.6	3725.6	3340.7	469.9	89.67
49.7	80.0	6745.3	3972.8	3582.5	507.2	90.18
49.6	85.0	6702.0	4219.8	3820.8	544.4	90.55
49.6	90.0	6658.8	4466.6	4055.8	581.6	90.80
49.6	95.0	6615.5	4713.3	4287.4	618.9	90.96
49.6	100.0	6572.2	4959.9	4515.7	656.1	91.04
49.6	105.0	6529.0	5206.3	4740.6	693.4	91.06
49.6	110.0	6485.7	5452.5	4962.0	730.6	91.01
49.6	115.0	6442.4	5698.6	5180.2	767.8	90.90
49.5	120.0	6399.2	5944.5	5394.9	805.1	90.75
49.5	125.0	6355.9	6190.3	5606.3	842.3	90.57
49.5	130.0	6312.7	6435.9	5814.3	879.5	90.34
49.5	135.0	6269.4	6681.4	6018.9	916.8	90.08
49.5	140.0	6226.1	6926.8	6220.2	954.0	89.80
49.5	145.0	6182.9	7171.9	6418.0	991.3	89.49
49.4	150.0	6139.6	7417.0	6612.5	1028.5	89.15
49.4	155.0	6096.3	7661.8	6803.7	1065.7	88.80
49.4	160.0	6053.1	7906.6	6991.4	1103.0	88.43
49.4	165.0	6009.8	8151.1	7175.8	1140.2	88.03
49.4	170.0	5966.6	8395.5	7356.8	1177.4	87.63
49.4	175.0	5923.3	8639.8	7534.5	1214.7	87.21
49.4	180.0	5880.0	8883.9	7708.7	1251.9	86.77
49.3	185.0	5836.8	9127.9	7879.6	1289.1	86.32
49.3	190.0	5793.5	9371.7	8047.1	1326.4	85.87
49.3	195.0	5750.2	9615.3	8211.2	1363.6	85.40
49.3	200.0	5707.0	9858.8	8372.0	1400.9	84.92

NOVA 15/50/B3 S P30 HF

Spannung: 55 V

nl=8073.0U/min
ns=148.4U/min/VIo=9.6A
kn=-9.27U/min/A

kM=7.27Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
54.9	40.0	7800.2	2197.3	1805.9	221.1	82.19
54.9	45.0	7753.8	2471.2	2090.4	257.4	84.59
54.9	50.0	7707.5	2745.0	2371.4	293.8	86.39
54.9	55.0	7661.1	3018.7	2648.9	330.2	87.75
54.9	60.0	7614.8	3292.1	2922.8	366.5	88.78
54.9	65.0	7568.5	3565.5	3193.2	402.9	89.56
54.8	70.0	7522.1	3838.6	3460.1	439.3	90.14
54.8	75.0	7475.8	4111.6	3723.5	475.6	90.56
54.8	80.0	7429.4	4384.5	3983.3	512.0	90.85
54.8	85.0	7383.1	4657.2	4239.6	548.3	91.03
54.8	90.0	7336.8	4929.7	4492.4	584.7	91.13
54.8	95.0	7290.4	5202.1	4741.6	621.1	91.15
54.7	100.0	7244.1	5474.3	4987.3	657.4	91.10
54.7	105.0	7197.8	5746.4	5229.5	693.8	91.01
54.7	110.0	7151.4	6018.3	5468.1	730.2	90.86
54.7	115.0	7105.1	6290.0	5703.3	766.5	90.67
54.7	120.0	7058.7	6561.6	5934.9	802.9	90.45
54.7	125.0	7012.4	6833.0	6162.9	839.3	90.19
54.6	130.0	6966.1	7104.3	6387.5	875.6	89.91
54.6	135.0	6919.7	7375.4	6608.5	912.0	89.60
54.6	140.0	6873.4	7646.4	6825.9	948.3	89.27
54.6	145.0	6827.0	7917.2	7039.9	984.7	88.92
54.6	150.0	6780.7	8187.8	7250.3	1021.1	88.55
54.6	155.0	6734.4	8458.3	7457.2	1057.4	88.16
54.6	160.0	6688.0	8728.6	7660.5	1093.8	87.76
54.5	165.0	6641.7	8998.8	7860.4	1130.2	87.35
54.5	170.0	6595.3	9268.8	8056.7	1166.5	86.92
54.5	175.0	6549.0	9538.7	8249.5	1202.9	86.48
54.5	180.0	6502.7	9808.4	8438.7	1239.2	86.04
54.5	185.0	6456.3	10077.9	8624.4	1275.6	85.58
54.5	190.0	6410.0	10347.3	8806.6	1312.0	85.11
54.4	195.0	6363.6	10616.5	8985.3	1348.3	84.63
54.4	200.0	6317.3	10885.6	9160.4	1384.7	84.15

NOVA 15/50/B3 S P30 HF

Spannung: 60 V

nl=8578.5U/min
ns=144.3U/min/V

Io=7.5A
kn=-9.61U/min/A

kM=7.26Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
59.9	40.0	8266.4	2394.8	2041.8	235.9	85.26
59.9	45.0	8218.4	2693.6	2342.3	272.2	86.96
59.8	50.0	8170.3	2992.3	2639.2	308.5	88.20
59.8	55.0	8122.3	3291.0	2932.4	344.8	89.11
59.8	60.0	8074.3	3589.5	3222.0	381.1	89.76
59.8	65.0	8026.2	3887.9	3507.9	417.4	90.23
59.8	70.0	7978.2	4186.1	3790.2	453.7	90.54
59.8	75.0	7930.2	4484.3	4068.8	490.0	90.73
59.8	80.0	7882.1	4782.4	4343.8	526.3	90.83
59.8	85.0	7834.1	5080.3	4615.1	562.6	90.84
59.8	90.0	7786.1	5378.2	4882.8	598.9	90.79
59.7	95.0	7738.0	5675.9	5146.8	635.2	90.68
59.7	100.0	7690.0	5973.5	5407.2	671.5	90.52
59.7	105.0	7642.0	6271.0	5663.9	707.8	90.32
59.7	110.0	7593.9	6568.4	5916.9	744.1	90.08
59.7	115.0	7545.9	6865.6	6166.4	780.4	89.81
59.7	120.0	7497.8	7162.8	6412.1	816.7	89.52
59.7	125.0	7449.8	7459.8	6654.2	852.9	89.20
59.7	130.0	7401.8	7756.8	6892.7	889.2	88.86
59.7	135.0	7353.7	8053.6	7127.5	925.5	88.50
59.6	140.0	7305.7	8350.3	7358.6	961.8	88.12
59.6	145.0	7257.7	8646.9	7586.1	998.1	87.73
59.6	150.0	7209.6	8943.4	7810.0	1034.4	87.33
59.6	155.0	7161.6	9239.8	8030.2	1070.7	86.91
59.6	160.0	7113.6	9536.1	8246.7	1107.0	86.48
59.6	165.0	7065.5	9832.2	8459.6	1143.3	86.04
59.6	170.0	7017.5	10128.2	8668.8	1179.6	85.59
59.6	175.0	6969.5	10424.2	8874.4	1215.9	85.13
59.6	180.0	6921.4	10720.0	9076.4	1252.2	84.67
59.5	185.0	6873.4	11015.7	9274.7	1288.5	84.19
59.5	190.0	6825.4	11311.3	9469.3	1324.8	83.72
59.5	195.0	6777.3	11606.8	9660.3	1361.1	83.23
59.5	200.0	6729.3	11902.1	9847.6	1397.4	82.74

NOVA 15/50/B3 S P30 HF

Spannung: 70 V

$n_l=9990.3\text{U/min}$
 $ns=143.8\text{U/min/V}$

$l_o=8.5\text{A}$
 $kn=-11.02\text{U/min/A}$

$k_M=7.31\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
70.0	40.0	9643.1	2799.4	2325.9	230.3	83.08
70.0	45.0	9588.0	3148.6	2679.7	266.9	85.11
70.0	50.0	9532.9	3497.7	3029.3	303.5	86.61
69.9	55.0	9477.8	3846.6	3374.7	340.0	87.73
69.9	60.0	9422.7	4195.3	3715.9	376.6	88.57
69.9	65.0	9367.6	4543.9	4052.9	413.1	89.19
69.9	70.0	9312.4	4892.3	4385.6	449.7	89.64
69.9	75.0	9257.3	5240.5	4714.1	486.3	89.96
69.9	80.0	9202.2	5588.6	5038.4	522.8	90.16
69.8	85.0	9147.1	5936.5	5358.5	559.4	90.26
69.8	90.0	9092.0	6284.3	5674.3	596.0	90.29
69.8	95.0	9036.8	6631.9	5986.0	632.5	90.26
69.8	100.0	8981.7	6979.4	6293.4	669.1	90.17
69.8	105.0	8926.6	7326.6	6596.6	705.7	90.04
69.8	110.0	8871.5	7673.8	6895.5	742.2	89.86
69.7	115.0	8816.4	8020.7	7190.3	778.8	89.65
69.7	120.0	8761.2	8367.5	7480.8	815.4	89.40
69.7	125.0	8706.1	8714.2	7767.1	851.9	89.13
69.7	130.0	8651.0	9060.7	8049.2	888.5	88.84
69.7	135.0	8595.9	9407.0	8327.1	925.1	88.52
69.7	140.0	8540.8	9753.2	8600.7	961.6	88.18
69.6	145.0	8485.6	10099.2	8870.1	998.2	87.83
69.6	150.0	8430.5	10445.0	9135.3	1034.8	87.46
69.6	155.0	8375.4	10790.7	9396.3	1071.3	87.08
69.6	160.0	8320.3	11136.2	9653.0	1107.9	86.68
69.6	165.0	8265.2	11481.6	9905.6	1144.5	86.27
69.6	170.0	8210.0	11826.8	10153.9	1181.0	85.86
69.6	175.0	8154.9	12171.8	10398.0	1217.6	85.43
69.5	180.0	8099.8	12516.7	10637.9	1254.2	84.99
69.5	185.0	8044.7	12861.4	10873.5	1290.7	84.54
69.5	190.0	7989.6	13206.0	11104.9	1327.3	84.09
69.5	195.0	7934.4	13550.4	11332.1	1363.8	83.63
69.5	200.0	7879.3	13894.6	11555.1	1400.4	83.16

NOVA 15/50/B3 S P30 HF

Spannung: 75 V

nl=10637.7U/min
ns=143.0U/min/V

Io=8.8A
kn=-11.50U/min/A

kM=7.42Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
75.0	40.0	10278.8	2999.3	2491.6	231.5	83.07
75.0	45.0	10221.3	3373.6	2874.7	268.6	85.21
75.0	50.0	10163.8	3747.8	3253.3	305.7	86.81
74.9	55.0	10106.2	4121.9	3627.4	342.8	88.01
74.9	60.0	10048.7	4495.8	3997.1	379.8	88.91
74.9	65.0	9991.2	4869.6	4362.3	416.9	89.58
74.9	70.0	9933.7	5243.3	4723.0	454.0	90.08
74.9	75.0	9876.2	5616.8	5079.3	491.1	90.43
74.9	80.0	9818.7	5990.2	5431.1	528.2	90.67
74.9	85.0	9761.2	6363.5	5778.4	565.3	90.81
74.9	90.0	9703.7	6736.6	6121.2	602.4	90.86
74.8	95.0	9646.1	7109.7	6459.6	639.5	90.86
74.8	100.0	9588.6	7482.6	6793.6	676.6	90.79
74.8	105.0	9531.1	7855.3	7123.0	713.7	90.68
74.8	110.0	9473.6	8227.9	7448.0	750.7	90.52
74.8	115.0	9416.1	8600.4	7768.5	787.8	90.33
74.8	120.0	9358.6	8972.8	8084.6	824.9	90.10
74.8	125.0	9301.1	9345.1	8396.1	862.0	89.85
74.7	130.0	9243.6	9717.2	8703.3	899.1	89.57
74.7	135.0	9186.0	10089.1	9005.9	936.2	89.26
74.7	140.0	9128.5	10461.0	9304.1	973.3	88.94
74.7	145.0	9071.0	10832.7	9597.8	1010.4	88.60
74.7	150.0	9013.5	11204.3	9887.0	1047.5	88.24
74.7	155.0	8956.0	11575.8	10171.8	1084.6	87.87
74.7	160.0	8898.5	11947.1	10452.1	1121.7	87.49
74.7	165.0	8841.0	12318.3	10728.0	1158.7	87.09
74.6	170.0	8783.5	12689.4	10999.3	1195.8	86.68
74.6	175.0	8725.9	13060.3	11266.2	1232.9	86.26
74.6	180.0	8668.4	13431.1	11528.7	1270.0	85.84
74.6	185.0	8610.9	13801.8	11786.6	1307.1	85.40
74.6	190.0	8553.4	14172.3	12040.1	1344.2	84.96
74.6	195.0	8495.9	14542.7	12289.2	1381.3	84.50
74.6	200.0	8438.4	14913.0	12533.7	1418.4	84.05

NOVA 15/50/B3 S P30 HF

Spannung: 80 V

$n_l=11347.2\text{U/min}$
 $n_s=142.8\text{U/min/V}$

$I_o=8.2\text{A}$
 $k_n=-12.06\text{U/min/A}$

$k_M=7.37\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
80.1	40.0	10963.8	3203.1	2688.4	234.2	83.93
80.1	45.0	10903.5	3603.0	3094.2	271.0	85.88
80.1	50.0	10843.2	4002.7	3495.4	307.8	87.33
80.0	55.0	10782.9	4402.4	3891.9	344.7	88.41
80.0	60.0	10722.5	4801.9	4283.8	381.5	89.21
80.0	65.0	10662.2	5201.3	4671.0	418.3	89.81
80.0	70.0	10601.9	5600.6	5053.6	455.2	90.23
80.0	75.0	10541.6	5999.7	5431.5	492.0	90.53
80.0	80.0	10481.3	6398.8	5804.8	528.9	90.72
80.0	85.0	10421.0	6797.7	6173.4	565.7	90.82
80.0	90.0	10360.7	7196.6	6537.4	602.5	90.84
80.0	95.0	10300.3	7595.3	6896.7	639.4	90.80
79.9	100.0	10240.0	7993.8	7251.3	676.2	90.71
79.9	105.0	10179.7	8392.3	7601.3	713.1	90.57
79.9	110.0	10119.4	8790.7	7946.7	749.9	90.40
79.9	115.0	10059.1	9188.9	8287.3	786.7	90.19
79.9	120.0	9998.8	9587.1	8623.4	823.6	89.95
79.9	125.0	9938.5	9985.1	8954.8	860.4	89.68
79.9	130.0	9878.1	10383.0	9281.5	897.3	89.39
79.9	135.0	9817.8	10780.7	9603.6	934.1	89.08
79.8	140.0	9757.5	11178.4	9921.0	970.9	88.75
79.8	145.0	9697.2	11575.9	10233.8	1007.8	88.41
79.8	150.0	9636.9	11973.4	10541.9	1044.6	88.04
79.8	155.0	9576.6	12370.7	10845.3	1081.4	87.67
79.8	160.0	9516.3	12767.9	11144.1	1118.3	87.28
79.8	165.0	9455.9	13165.0	11438.3	1155.1	86.88
79.8	170.0	9395.6	13561.9	11727.8	1192.0	86.48
79.8	175.0	9335.3	13958.8	12012.6	1228.8	86.06
79.8	180.0	9275.0	14355.5	12292.8	1265.6	85.63
79.7	185.0	9214.7	14752.1	12568.4	1302.5	85.20
79.7	190.0	9154.4	15148.6	12839.3	1339.3	84.76
79.7	195.0	9094.1	15545.0	13105.5	1376.2	84.31
79.7	200.0	9033.7	15941.3	13367.1	1413.0	83.85