



NOVA 15/50/B4 S P30 HF inkl. MST 140/200

Spannung: 60 V

nl=6476.5U/min
ns=108.8U/min/V

Io=8.4A
kn=-9.64U/min/A

kM=10.29Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
60.2	16.0	6468.8	963.7	688.1	101.6	71.40
60.2	18.0	6444.0	1084.1	811.3	120.2	74.84
60.2	20.0	6419.3	1204.4	933.9	138.9	77.54
60.2	22.0	6394.8	1324.7	1055.9	157.7	79.71
60.2	24.0	6370.4	1445.0	1177.4	176.5	81.48
60.2	26.0	6346.2	1565.2	1298.3	195.4	82.95
60.2	28.0	6322.1	1685.4	1418.7	214.3	84.17
60.2	30.0	6298.2	1805.6	1538.5	233.3	85.20
60.2	32.0	6274.4	1925.8	1657.7	252.3	86.08
60.2	34.0	6250.9	2045.9	1776.4	271.4	86.83
60.2	36.0	6227.4	2166.1	1894.6	290.5	87.47
60.2	38.0	6204.2	2286.2	2012.3	309.7	88.02
60.2	40.0	6181.0	2406.2	2129.4	329.0	88.49
60.1	42.0	6158.1	2526.3	2246.0	348.3	88.90
60.1	44.0	6135.3	2646.3	2362.1	367.6	89.26
60.1	46.0	6112.7	2766.3	2477.7	387.1	89.57
60.1	48.0	6090.2	2886.3	2592.8	406.5	89.83
60.1	50.0	6067.9	3006.2	2707.3	426.1	90.06
60.1	52.0	6045.7	3126.1	2821.4	445.7	90.25
60.1	54.0	6023.7	3246.0	2935.1	465.3	90.42
60.1	56.0	6001.9	3365.9	3048.2	485.0	90.56
60.1	58.0	5980.2	3485.7	3160.9	504.7	90.68
60.1	60.0	5958.7	3605.6	3273.1	524.5	90.78
60.1	62.0	5937.3	3725.4	3384.8	544.4	90.86
60.1	64.0	5916.1	3845.1	3496.1	564.3	90.92
60.1	66.0	5895.0	3964.9	3607.0	584.3	90.97
60.1	68.0	5874.1	4084.6	3717.4	604.3	91.01
60.1	70.0	5853.4	4204.3	3827.3	624.4	91.03
60.1	72.0	5832.8	4324.0	3936.9	644.5	91.05
60.0	74.0	5812.4	4443.6	4046.0	664.7	91.05
60.0	76.0	5792.2	4563.2	4154.7	685.0	91.05
60.0	78.0	5772.1	4682.8	4263.0	705.3	91.03
60.0	80.0	5752.1	4802.4	4370.9	725.6	91.02
60.0	82.0	5732.3	4921.9	4478.4	746.0	90.99
60.0	84.0	5712.7	5041.4	4585.5	766.5	90.96
60.0	86.0	5693.3	5160.9	4692.2	787.0	90.92
60.0	88.0	5673.9	5280.4	4798.6	807.6	90.88
60.0	90.0	5654.8	5399.8	4904.6	828.2	90.83
60.0	92.0	5635.8	5519.2	5010.2	848.9	90.78
60.0	94.0	5617.0	5638.6	5115.5	869.7	90.72
60.0	96.0	5598.3	5758.0	5220.4	890.5	90.66
60.0	98.0	5579.8	5877.3	5325.0	911.3	90.60
60.0	100.0	5561.4	5996.6	5429.2	932.2	90.54

60.0	102.0	5543.2	6115.9	5533.2	953.2	90.47
60.0	104.0	5525.2	6235.2	5636.8	974.2	90.40
59.9	106.0	5507.3	6354.4	5740.1	995.3	90.33
59.9	108.0	5489.6	6473.6	5843.1	1016.4	90.26
59.9	110.0	5472.1	6592.8	5945.8	1037.6	90.19
59.9	112.0	5454.6	6712.0	6048.2	1058.8	90.11
59.9	114.0	5437.4	6831.1	6150.3	1080.1	90.03
59.9	116.0	5420.3	6950.2	6252.2	1101.5	89.96
59.9	118.0	5403.4	7069.3	6353.8	1122.9	89.88
59.9	120.0	5386.6	7188.4	6455.1	1144.3	89.80
59.9	122.0	5370.0	7307.4	6556.2	1165.9	89.72
59.9	124.0	5353.6	7426.4	6657.0	1187.4	89.64
59.9	126.0	5337.3	7545.4	6757.6	1209.1	89.56
59.9	128.0	5321.1	7664.4	6858.0	1230.7	89.48
59.9	130.0	5305.2	7783.3	6958.2	1252.5	89.40
59.9	132.0	5289.3	7902.2	7058.1	1274.3	89.32
59.9	134.0	5273.7	8021.1	7157.9	1296.1	89.24
59.9	136.0	5258.2	8140.0	7257.5	1318.0	89.16
59.8	138.0	5242.8	8258.8	7356.8	1340.0	89.08
59.8	140.0	5227.7	8377.6	7456.0	1362.0	89.00
59.8	142.0	5212.6	8496.4	7555.1	1384.0	88.92
59.8	144.0	5197.8	8615.1	7653.9	1406.2	88.84
59.8	146.0	5183.1	8733.9	7752.6	1428.3	88.77
59.8	148.0	5168.5	8852.6	7851.2	1450.6	88.69
59.8	150.0	5154.1	8971.3	7949.7	1472.9	88.61
59.8	152.0	5139.9	9089.9	8048.0	1495.2	88.54
59.8	154.0	5125.8	9208.6	8146.2	1517.6	88.46
59.8	156.0	5111.9	9327.2	8244.2	1540.1	88.39
59.8	158.0	5098.2	9445.7	8342.2	1562.6	88.32
59.8	160.0	5084.6	9564.3	8440.1	1585.1	88.25

NOVA 15/50/B4 S P30 HF inkl. MST 140/200

Spannung: 80 V

nl=8639.0U/min
ns=109.0U/min/VIo=9.0A
kn=-12.34U/min/A

kM=10.230Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
80.2	18.0	8619.9	1443.3	1036.6	114.8	71.82
80.2	20.0	8587.5	1603.5	1200.8	133.5	74.88
80.2	22.0	8555.3	1763.7	1364.3	152.3	77.35
80.2	24.0	8523.4	1923.9	1527.0	171.1	79.37
80.2	26.0	8491.7	2084.1	1689.1	189.9	81.05
80.2	28.0	8460.1	2244.2	1850.3	208.9	82.45
80.1	30.0	8428.9	2404.3	2010.9	227.8	83.64
80.1	32.0	8397.8	2564.4	2170.8	246.8	84.65
80.1	34.0	8367.0	2724.4	2330.0	265.9	85.52
80.1	36.0	8336.4	2884.5	2488.5	285.1	86.27
80.1	38.0	8306.0	3044.5	2646.3	304.2	86.92
80.1	40.0	8275.8	3204.4	2803.4	323.5	87.49
80.1	42.0	8245.9	3364.4	2959.9	342.8	87.98
80.1	44.0	8216.2	3524.3	3115.7	362.1	88.41
80.1	46.0	8186.7	3684.2	3270.9	381.5	88.78
80.1	48.0	8157.4	3844.0	3425.5	401.0	89.11
80.1	50.0	8128.4	4003.9	3579.4	420.5	89.40
80.1	52.0	8099.6	4163.7	3732.7	440.1	89.65
80.1	54.0	8071.0	4323.5	3885.3	459.7	89.87
80.1	56.0	8042.6	4483.2	4037.4	479.4	90.06
80.1	58.0	8014.4	4643.0	4188.9	499.1	90.22
80.0	60.0	7986.5	4802.7	4339.8	518.9	90.36
80.0	62.0	7958.8	4962.4	4490.1	538.7	90.48
80.0	64.0	7931.4	5122.0	4639.9	558.6	90.59
80.0	66.0	7904.1	5281.6	4789.0	578.6	90.67
80.0	68.0	7877.1	5441.2	4937.7	598.6	90.75
80.0	70.0	7850.3	5600.8	5085.8	618.7	90.80
80.0	72.0	7823.7	5760.4	5233.4	638.8	90.85
80.0	74.0	7797.4	5919.9	5380.4	658.9	90.89
80.0	76.0	7771.2	6079.4	5527.0	679.2	90.91
80.0	78.0	7745.3	6238.8	5673.1	699.4	90.93
80.0	80.0	7719.6	6398.3	5818.6	719.8	90.94
80.0	82.0	7694.2	6557.7	5963.7	740.2	90.94
80.0	84.0	7669.0	6717.1	6108.3	760.6	90.94
80.0	86.0	7643.9	6876.5	6252.5	781.1	90.93
80.0	88.0	7619.2	7035.8	6396.2	801.6	90.91
79.9	90.0	7594.6	7195.1	6539.4	822.3	90.89
79.9	92.0	7570.3	7354.4	6682.3	842.9	90.86
79.9	94.0	7546.2	7513.6	6824.7	863.6	90.83
79.9	96.0	7522.3	7672.9	6966.7	884.4	90.80
79.9	98.0	7498.6	7832.1	7108.3	905.2	90.76
79.9	100.0	7475.2	7991.2	7249.5	926.1	90.72
79.9	102.0	7451.9	8150.4	7390.4	947.0	90.67

79.9	104.0	7429.0	8309.5	7530.8	968.0	90.63
79.9	106.0	7406.2	8468.6	7671.0	989.1	90.58
79.9	108.0	7383.6	8627.7	7810.7	1010.2	90.53
79.9	110.0	7361.3	8786.7	7950.2	1031.3	90.48
79.9	112.0	7339.2	8945.8	8089.3	1052.5	90.43
79.9	114.0	7317.4	9104.8	8228.1	1073.8	90.37
79.9	116.0	7295.7	9263.7	8366.6	1095.1	90.32
79.9	118.0	7274.3	9422.7	8504.8	1116.5	90.26
79.8	120.0	7253.1	9581.6	8642.8	1137.9	90.20
79.8	122.0	7232.1	9740.5	8780.5	1159.4	90.14
79.8	124.0	7211.4	9899.3	8917.9	1180.9	90.09
79.8	126.0	7190.8	10058.2	9055.1	1202.5	90.03
79.8	128.0	7170.5	10217.0	9192.0	1224.1	89.97
79.8	130.0	7150.5	10375.7	9328.8	1245.8	89.91
79.8	132.0	7130.6	10534.5	9465.3	1267.6	89.85
79.8	134.0	7111.0	10693.2	9601.6	1289.4	89.79
79.8	136.0	7091.6	10851.9	9737.8	1311.3	89.73
79.8	138.0	7072.4	11010.6	9873.8	1333.2	89.67
79.8	140.0	7053.4	11169.2	10009.6	1355.1	89.62
79.8	142.0	7034.7	11327.9	10145.2	1377.2	89.56
79.8	144.0	7016.2	11486.5	10280.8	1399.3	89.50
79.8	146.0	6997.9	11645.0	10416.2	1421.4	89.45
79.8	148.0	6979.9	11803.6	10551.5	1443.6	89.39
79.7	150.0	6962.0	11962.1	10686.7	1465.8	89.34
79.7	152.0	6944.4	12120.6	10821.8	1488.1	89.28
79.7	154.0	6927.0	12279.1	10956.9	1510.5	89.23
79.7	156.0	6909.8	12437.5	11091.9	1532.9	89.18
79.7	158.0	6892.9	12595.9	11226.8	1555.3	89.13
79.7	160.0	6876.2	12754.3	11361.7	1577.9	89.08



NOVA 15/50/B4 S P30 HF inkl. MST 140/200

Spannung: 100 V

nl=10740.0U/min
ns=108.6U/min/V

Io=9.5A
kn=-14.48U/min/A

kM=10.230Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
100.1	20.0	10695.6	2001.2	1456.2	130.0	72.77
100.1	22.0	10657.4	2201.2	1659.6	148.7	75.40
100.0	24.0	10619.5	2401.1	1862.2	167.5	77.56
100.0	26.0	10581.8	2601.0	2064.0	186.3	79.35
100.0	28.0	10544.5	2801.0	2264.9	205.1	80.86
100.0	30.0	10507.4	3000.8	2465.0	224.0	82.14
100.0	32.0	10470.5	3200.7	2664.4	243.0	83.24
100.0	34.0	10433.9	3400.5	2862.9	262.0	84.19
100.0	36.0	10397.6	3600.3	3060.7	281.1	85.01
100.0	38.0	10361.6	3800.1	3257.7	300.2	85.73
100.0	40.0	10325.8	3999.9	3453.9	319.4	86.35
100.0	42.0	10290.3	4199.6	3649.4	338.7	86.90
100.0	44.0	10255.1	4399.3	3844.1	358.0	87.38
100.0	46.0	10220.2	4599.0	4038.1	377.3	87.80
100.0	48.0	10185.5	4798.7	4231.4	396.7	88.18
100.0	50.0	10151.0	4998.3	4424.0	416.2	88.51
100.0	52.0	10116.9	5197.9	4615.9	435.7	88.80
100.0	54.0	10083.0	5397.5	4807.1	455.3	89.06
99.9	56.0	10049.4	5597.0	4997.6	474.9	89.29
99.9	58.0	10016.0	5796.6	5187.4	494.6	89.49
99.9	60.0	9982.9	5996.1	5376.6	514.3	89.67
99.9	62.0	9950.1	6195.6	5565.2	534.1	89.83
99.9	64.0	9917.6	6395.0	5753.1	553.9	89.96
99.9	66.0	9885.3	6594.5	5940.4	573.8	90.08
99.9	68.0	9853.3	6793.9	6127.0	593.8	90.18
99.9	70.0	9821.5	6993.2	6313.1	613.8	90.27
99.9	72.0	9790.0	7192.6	6498.6	633.9	90.35
99.9	74.0	9758.8	7391.9	6683.5	654.0	90.42
99.9	76.0	9727.9	7591.3	6867.8	674.2	90.47
99.9	78.0	9697.2	7790.5	7051.6	694.4	90.52
99.9	80.0	9666.8	7989.8	7234.9	714.7	90.55
99.9	82.0	9636.7	8189.0	7417.6	735.0	90.58
99.9	84.0	9606.8	8388.2	7599.8	755.4	90.60
99.9	86.0	9577.2	8587.4	7781.4	775.9	90.61
99.8	88.0	9547.9	8786.6	7962.6	796.4	90.62
99.8	90.0	9518.8	8985.7	8143.3	816.9	90.63
99.8	92.0	9490.0	9184.8	8323.5	837.6	90.62
99.8	94.0	9461.5	9383.9	8503.3	858.2	90.62
99.8	96.0	9433.2	9583.0	8682.6	878.9	90.60
99.8	98.0	9405.2	9782.0	8861.5	899.7	90.59
99.8	100.0	9377.5	9981.0	9040.0	920.6	90.57
99.8	102.0	9350.1	10180.0	9218.1	941.5	90.55
99.8	104.0	9322.9	10379.0	9395.7	962.4	90.53

99.8	106.0	9296.0	10577.9	9573.0	983.4	90.50
99.8	108.0	9269.3	10776.8	9750.0	1004.4	90.47
99.8	110.0	9242.9	10975.7	9926.5	1025.6	90.44
99.8	112.0	9216.8	11174.6	10102.7	1046.7	90.41
99.8	114.0	9191.0	11373.4	10278.6	1067.9	90.37
99.8	116.0	9165.4	11572.2	10454.2	1089.2	90.34
99.8	118.0	9140.1	11771.0	10629.5	1110.5	90.30
99.7	120.0	9115.0	11969.8	10804.5	1131.9	90.26
99.7	122.0	9090.3	12168.5	10979.2	1153.4	90.23
99.7	124.0	9065.8	12367.2	11153.6	1174.9	90.19
99.7	126.0	9041.5	12565.9	11327.8	1196.4	90.15
99.7	128.0	9017.5	12764.6	11501.8	1218.0	90.11
99.7	130.0	8993.8	12963.2	11675.5	1239.7	90.07
99.7	132.0	8970.4	13161.8	11849.1	1261.4	90.03
99.7	134.0	8947.2	13360.4	12022.4	1283.1	89.99
99.7	136.0	8924.4	13559.0	12195.6	1305.0	89.94
99.7	138.0	8901.7	13757.5	12368.6	1326.8	89.90
99.7	140.0	8879.4	13956.0	12541.5	1348.8	89.86
99.7	142.0	8857.3	14154.5	12714.2	1370.8	89.82
99.7	144.0	8835.4	14353.0	12886.8	1392.8	89.78
99.7	146.0	8813.9	14551.4	13059.3	1414.9	89.75
99.7	148.0	8792.6	14749.9	13231.7	1437.0	89.71
99.7	150.0	8771.6	14948.2	13404.1	1459.3	89.67
99.6	152.0	8750.8	15146.6	13576.3	1481.5	89.63
99.6	154.0	8730.4	15344.9	13748.6	1503.8	89.60
99.6	156.0	8710.1	15543.3	13920.8	1526.2	89.56
99.6	158.0	8690.2	15741.6	14093.0	1548.6	89.53
99.6	160.0	8670.5	15939.8	14265.2	1571.1	89.49