



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 20 V

nl=1988.2U/min
ns=99.6U/min/V

Io=5.7A
kn=-3.19U/min/A

kM=10.74Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
20.1	10.0	2005.9	201.2	142.5	67.8	70.79
20.1	12.0	1997.4	241.4	182.1	87.1	75.44
20.1	14.0	1989.0	281.6	221.7	106.4	78.72
20.1	16.0	1980.6	321.7	261.1	125.9	81.14
20.1	18.0	1972.3	361.8	300.3	145.4	82.99
20.1	20.0	1964.0	401.9	339.4	165.0	84.43
20.1	22.0	1955.8	442.0	378.3	184.7	85.58
20.1	24.0	1947.7	482.1	417.1	204.5	86.52
20.1	26.0	1939.6	522.1	455.7	224.3	87.28
20.1	28.0	1931.5	562.1	494.1	244.3	87.91
20.1	30.0	1923.6	602.1	532.4	264.3	88.43
20.1	32.0	1915.6	642.0	570.5	284.4	88.86
20.1	34.0	1907.7	682.0	608.5	304.6	89.22
20.1	36.0	1899.9	721.9	646.3	324.8	89.53
20.0	38.0	1892.1	761.8	683.9	345.2	89.78
20.0	40.0	1884.4	801.7	721.4	365.5	89.98
20.0	42.0	1876.8	841.5	758.6	386.0	90.15
20.0	44.0	1869.1	881.3	795.7	406.5	90.29
20.0	46.0	1861.6	921.1	832.7	427.1	90.40
20.0	48.0	1854.0	960.9	869.4	447.8	90.48
20.0	50.0	1846.5	1000.7	906.0	468.5	90.54
20.0	52.0	1839.1	1040.4	942.4	489.3	90.58
20.0	54.0	1831.7	1080.1	978.6	510.2	90.60
20.0	56.0	1824.4	1119.8	1014.6	531.1	90.61
20.0	58.0	1817.1	1159.5	1050.5	552.1	90.60
20.0	60.0	1809.8	1199.2	1086.1	573.1	90.57
20.0	62.0	1802.6	1238.8	1121.6	594.2	90.54
20.0	64.0	1795.5	1278.4	1156.9	615.3	90.50
20.0	66.0	1788.3	1318.0	1192.0	636.5	90.44
20.0	68.0	1781.3	1357.5	1226.9	657.7	90.37
20.0	70.0	1774.2	1397.1	1261.6	679.0	90.30
20.0	72.0	1767.2	1436.6	1296.1	700.3	90.22
19.9	74.0	1760.2	1476.1	1330.4	721.7	90.13
19.9	76.0	1753.3	1515.5	1364.5	743.1	90.03
19.9	78.0	1746.4	1555.0	1398.4	764.6	89.93
19.9	80.0	1739.6	1594.4	1432.1	786.1	89.82
19.9	82.0	1732.8	1633.8	1465.6	807.7	89.70
19.9	84.0	1726.0	1673.2	1498.9	829.3	89.58
19.9	86.0	1719.3	1712.6	1532.0	850.9	89.45
19.9	88.0	1712.6	1751.9	1564.8	872.6	89.32
19.9	90.0	1705.9	1791.2	1597.5	894.3	89.18
19.9	92.0	1699.3	1830.5	1629.9	916.0	89.04
19.9	94.0	1692.6	1869.8	1662.2	937.7	88.90

19.9	96.0	1686.1	1909.0	1694.2	959.5	88.75
19.9	98.0	1679.5	1948.3	1726.0	981.4	88.59
19.9	100.0	1673.0	1987.5	1757.6	1003.2	88.43
19.9	102.0	1666.5	2026.6	1789.0	1025.1	88.27
19.9	104.0	1660.1	2065.8	1820.1	1047.0	88.11
19.9	106.0	1653.7	2104.9	1851.0	1068.9	87.94
19.9	108.0	1647.3	2144.1	1881.7	1090.8	87.76
19.8	110.0	1640.9	2183.1	1912.2	1112.8	87.59
19.8	112.0	1634.6	2222.2	1942.4	1134.8	87.41
19.8	114.0	1628.3	2261.3	1972.4	1156.8	87.22
19.8	116.0	1622.0	2300.3	2002.2	1178.8	87.04
19.8	118.0	1615.7	2339.3	2031.7	1200.8	86.85
19.8	120.0	1609.5	2378.3	2061.0	1222.8	86.66
19.8	122.0	1603.2	2417.2	2090.0	1244.9	86.46
19.8	124.0	1597.1	2456.2	2118.8	1266.9	86.27
19.8	126.0	1590.9	2495.1	2147.4	1289.0	86.06
19.8	128.0	1584.7	2534.0	2175.7	1311.0	85.86
19.8	130.0	1578.6	2572.9	2203.8	1333.1	85.66
19.8	132.0	1572.5	2611.7	2231.6	1355.2	85.45
19.8	134.0	1566.4	2650.5	2259.2	1377.3	85.24
19.8	136.0	1560.3	2689.3	2286.5	1399.3	85.02
19.8	138.0	1554.3	2728.1	2313.6	1421.4	84.80
19.8	140.0	1548.2	2766.9	2340.4	1443.5	84.59
19.8	142.0	1542.2	2805.6	2366.9	1465.6	84.36
19.8	144.0	1536.2	2844.3	2393.2	1487.6	84.14
19.7	146.0	1530.2	2883.0	2419.2	1509.7	83.91
19.7	148.0	1524.3	2921.7	2445.0	1531.7	83.68
19.7	150.0	1518.3	2960.3	2470.4	1553.8	83.45
19.7	152.0	1512.4	2999.0	2495.6	1575.8	83.22
19.7	154.0	1506.4	3037.6	2520.6	1597.8	82.98
19.7	156.0	1500.5	3076.1	2545.2	1619.8	82.74
19.7	158.0	1494.6	3114.7	2569.6	1641.8	82.50
19.7	160.0	1488.7	3153.2	2593.7	1663.8	82.26
19.7	162.0	1482.8	3191.8	2617.5	1685.7	82.01
19.7	164.0	1476.9	3230.2	2641.1	1707.6	81.76
19.7	166.0	1471.0	3268.7	2664.3	1729.5	81.51
19.7	168.0	1465.2	3307.2	2687.2	1751.4	81.26
19.7	170.0	1459.3	3345.6	2709.9	1773.3	81.00
19.7	172.0	1453.5	3384.0	2732.3	1795.1	80.74
19.7	174.0	1447.6	3422.4	2754.3	1816.9	80.48
19.7	176.0	1441.8	3460.7	2776.1	1838.7	80.22
19.7	178.0	1436.0	3499.1	2797.6	1860.4	79.95
19.7	180.0	1430.1	3537.4	2818.7	1882.1	79.68
19.6	182.0	1424.3	3575.7	2839.5	1903.8	79.41
19.6	184.0	1418.5	3613.9	2860.1	1925.4	79.14
19.6	186.0	1412.7	3652.2	2880.3	1947.0	78.86
19.6	188.0	1406.8	3690.4	2900.2	1968.6	78.59
19.6	190.0	1401.0	3728.6	2919.8	1990.1	78.31
19.6	192.0	1395.2	3766.8	2939.0	2011.6	78.02
19.6	194.0	1389.4	3805.0	2958.0	2033.0	77.74
19.6	196.0	1383.6	3843.1	2976.6	2054.4	77.45
19.6	198.0	1377.7	3881.2	2994.8	2075.8	77.16
19.6	200.0	1371.9	3919.3	3012.8	2097.1	76.87
19.6	202.0	1366.1	3957.4	3030.4	2118.3	76.58
19.6	204.0	1360.3	3995.4	3047.6	2139.5	76.28

19.6	206.0	1354.4	4033.4	3064.6	2160.7	75.98
19.6	208.0	1348.6	4071.4	3081.1	2181.8	75.68
19.6	210.0	1342.7	4109.4	3097.4	2202.8	75.37
19.6	212.0	1336.9	4147.4	3113.2	2223.8	75.06
19.6	214.0	1331.0	4185.3	3128.8	2244.7	74.76
19.6	216.0	1325.1	4223.2	3143.9	2265.6	74.44
19.5	218.0	1319.3	4261.1	3158.7	2286.4	74.13
19.5	220.0	1313.4	4299.0	3173.1	2307.1	73.81
19.5	222.0	1307.5	4336.8	3187.2	2327.8	73.49
19.5	224.0	1301.6	4374.7	3200.9	2348.4	73.17
19.5	226.0	1295.6	4412.5	3214.2	2369.0	72.84
19.5	228.0	1289.7	4450.3	3227.2	2389.5	72.52
19.5	230.0	1283.8	4488.0	3239.7	2409.9	72.19
19.5	232.0	1277.8	4525.7	3251.9	2430.2	71.85
19.5	234.0	1271.8	4563.5	3263.7	2450.5	71.52
19.5	236.0	1265.8	4601.1	3275.1	2470.7	71.18
19.5	238.0	1259.8	4638.8	3286.1	2490.8	70.84
19.5	240.0	1253.8	4676.5	3296.7	2510.9	70.50
19.5	242.0	1247.8	4714.1	3307.0	2530.8	70.15
19.5	244.0	1241.7	4751.7	3316.8	2550.7	69.80
19.5	246.0	1235.6	4789.3	3326.2	2570.5	69.45
19.5	248.0	1229.6	4826.8	3335.2	2590.2	69.10
19.5	250.0	1223.4	4864.4	3343.8	2609.9	68.74
19.5	252.0	1217.3	4901.9	3351.9	2629.4	68.38
19.4	254.0	1211.2	4939.4	3359.7	2648.9	68.02
19.4	256.0	1205.0	4976.8	3367.0	2668.3	67.65
19.4	258.0	1198.8	5014.3	3373.9	2687.6	67.29
19.4	260.0	1192.6	5051.7	3380.4	2706.7	66.92



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 25 V

nl=2476.1U/min
ns=99.4U/min/V

Io=6.8A
kn=-3.60U/min/A

kM=10.86Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
25.1	10.0	2504.5	251.4	168.9	64.4	67.20
25.1	12.0	2494.7	301.6	218.3	83.6	72.37
25.1	14.0	2485.0	351.8	267.5	102.8	76.03
25.1	16.0	2475.3	402.0	316.5	122.1	78.74
25.1	18.0	2465.7	452.1	365.4	141.5	80.82
25.1	20.0	2456.2	502.2	414.1	161.0	82.46
25.1	22.0	2446.7	552.3	462.7	180.6	83.78
25.1	24.0	2437.3	602.4	511.2	200.3	84.86
25.1	26.0	2428.0	652.4	559.4	220.0	85.75
25.1	28.0	2418.7	702.5	607.6	239.9	86.49
25.1	30.0	2409.5	752.5	655.5	259.8	87.12
25.1	32.0	2400.4	802.4	703.3	279.8	87.65
25.1	34.0	2391.3	852.4	751.0	299.9	88.10
25.1	36.0	2382.3	902.3	798.4	320.1	88.49
25.1	38.0	2373.3	952.2	845.7	340.3	88.82
25.1	40.0	2364.4	1002.1	892.9	360.6	89.10
25.0	42.0	2355.6	1052.0	939.8	381.0	89.34
25.0	44.0	2346.9	1101.8	986.6	401.5	89.55
25.0	46.0	2338.1	1151.6	1033.2	422.0	89.72
25.0	48.0	2329.5	1201.4	1079.7	442.6	89.87
25.0	50.0	2320.9	1251.2	1125.9	463.3	89.99
25.0	52.0	2312.4	1300.9	1172.0	484.0	90.09
25.0	54.0	2303.9	1350.6	1217.9	504.8	90.17
25.0	56.0	2295.4	1400.3	1263.6	525.7	90.24
25.0	58.0	2287.1	1450.0	1309.1	546.6	90.28
25.0	60.0	2278.8	1499.7	1354.5	567.6	90.32
25.0	62.0	2270.5	1549.3	1399.6	588.7	90.34
25.0	64.0	2262.3	1598.9	1444.6	609.8	90.35
25.0	66.0	2254.1	1648.5	1489.3	630.9	90.34
25.0	68.0	2246.0	1698.0	1533.9	652.2	90.33
25.0	70.0	2237.9	1747.6	1578.2	673.4	90.31
25.0	72.0	2229.9	1797.1	1622.4	694.8	90.28
25.0	74.0	2222.0	1846.6	1666.4	716.2	90.24
24.9	76.0	2214.0	1896.0	1710.1	737.6	90.20
24.9	78.0	2206.2	1945.5	1753.7	759.1	90.14
24.9	80.0	2198.3	1994.9	1797.0	780.6	90.08
24.9	82.0	2190.6	2044.3	1840.2	802.2	90.02
24.9	84.0	2182.8	2093.6	1883.1	823.8	89.94
24.9	86.0	2175.1	2143.0	1925.8	845.5	89.87
24.9	88.0	2167.5	2192.3	1968.3	867.2	89.78
24.9	90.0	2159.9	2241.6	2010.6	888.9	89.69
24.9	92.0	2152.3	2290.9	2052.7	910.7	89.60
24.9	94.0	2144.8	2340.1	2094.5	932.5	89.50

24.9	96.0	2137.3	2389.4	2136.1	954.4	89.40
24.9	98.0	2129.9	2438.6	2177.6	976.3	89.30
24.9	100.0	2122.5	2487.8	2218.7	998.2	89.19
24.9	102.0	2115.1	2536.9	2259.7	1020.2	89.07
24.9	104.0	2107.8	2586.1	2300.4	1042.2	88.95
24.9	106.0	2100.5	2635.2	2340.9	1064.2	88.83
24.9	108.0	2093.2	2684.3	2381.1	1086.3	88.71
24.8	110.0	2086.0	2733.3	2421.2	1108.4	88.58
24.8	112.0	2078.8	2782.4	2460.9	1130.5	88.45
24.8	114.0	2071.6	2831.4	2500.5	1152.6	88.31
24.8	116.0	2064.5	2880.4	2539.8	1174.8	88.17
24.8	118.0	2057.4	2929.4	2578.8	1196.9	88.03
24.8	120.0	2050.4	2978.3	2617.6	1219.1	87.89
24.8	122.0	2043.3	3027.2	2656.2	1241.3	87.74
24.8	124.0	2036.3	3076.1	2694.5	1263.6	87.59
24.8	126.0	2029.3	3125.0	2732.5	1285.8	87.44
24.8	128.0	2022.4	3173.9	2770.3	1308.1	87.29
24.8	130.0	2015.5	3222.7	2807.9	1330.4	87.13
24.8	132.0	2008.6	3271.5	2845.1	1352.6	86.97
24.8	134.0	2001.7	3320.3	2882.2	1374.9	86.80
24.8	136.0	1994.9	3369.0	2918.9	1397.3	86.64
24.8	138.0	1988.1	3417.8	2955.4	1419.6	86.47
24.8	140.0	1981.3	3466.5	2991.6	1441.9	86.30
24.8	142.0	1974.5	3515.2	3027.5	1464.2	86.13
24.7	144.0	1967.7	3563.9	3063.2	1486.5	85.95
24.7	146.0	1961.0	3612.5	3098.6	1508.9	85.77
24.7	148.0	1954.3	3661.1	3133.7	1531.2	85.59
24.7	150.0	1947.6	3709.7	3168.5	1553.5	85.41
24.7	152.0	1940.9	3758.3	3203.0	1575.9	85.23
24.7	154.0	1934.3	3806.9	3237.3	1598.2	85.04
24.7	156.0	1927.7	3855.4	3271.2	1620.5	84.85
24.7	158.0	1921.0	3903.9	3304.9	1642.8	84.66
24.7	160.0	1914.4	3952.4	3338.3	1665.1	84.46
24.7	162.0	1907.8	4000.8	3371.3	1687.4	84.27
24.7	164.0	1901.3	4049.3	3404.1	1709.7	84.07
24.7	166.0	1894.7	4097.7	3436.5	1732.0	83.87
24.7	168.0	1888.2	4146.1	3468.7	1754.3	83.66
24.7	170.0	1881.6	4194.4	3500.5	1776.5	83.46
24.7	172.0	1875.1	4242.8	3532.0	1798.8	83.25
24.7	174.0	1868.6	4291.1	3563.2	1821.0	83.04
24.7	176.0	1862.1	4339.4	3594.1	1843.2	82.83
24.6	178.0	1855.6	4387.6	3624.7	1865.3	82.61
24.6	180.0	1849.1	4435.9	3654.9	1887.5	82.39
24.6	182.0	1842.6	4484.1	3684.8	1909.6	82.18
24.6	184.0	1836.2	4532.3	3714.4	1931.7	81.95
24.6	186.0	1829.7	4580.5	3743.6	1953.8	81.73
24.6	188.0	1823.2	4628.6	3772.5	1975.9	81.50
24.6	190.0	1816.8	4676.8	3801.1	1997.9	81.28
24.6	192.0	1810.3	4724.9	3829.3	2019.9	81.05
24.6	194.0	1803.9	4773.0	3857.2	2041.9	80.81
24.6	196.0	1797.4	4821.0	3884.7	2063.8	80.58
24.6	198.0	1791.0	4869.1	3911.8	2085.7	80.34
24.6	200.0	1784.6	4917.1	3938.6	2107.6	80.10
24.6	202.0	1778.1	4965.1	3965.0	2129.4	79.86
24.6	204.0	1771.7	5013.0	3991.1	2151.2	79.61

24.6	206.0	1765.2	5061.0	4016.8	2173.0	79.37
24.6	208.0	1758.8	5108.9	4042.1	2194.7	79.12
24.6	210.0	1752.3	5156.8	4067.1	2216.3	78.87
24.6	212.0	1745.9	5204.7	4091.6	2238.0	78.61
24.5	214.0	1739.4	5252.5	4115.8	2259.6	78.36
24.5	216.0	1732.9	5300.3	4139.6	2281.1	78.10
24.5	218.0	1726.5	5348.2	4163.0	2302.6	77.84
24.5	220.0	1720.0	5395.9	4186.0	2324.0	77.58
24.5	222.0	1713.5	5443.7	4208.6	2345.4	77.31
24.5	224.0	1707.0	5491.4	4230.8	2366.8	77.04
24.5	226.0	1700.5	5539.1	4252.5	2388.0	76.77
24.5	228.0	1694.0	5586.8	4273.9	2409.3	76.50
24.5	230.0	1687.5	5634.5	4294.9	2430.4	76.23
24.5	232.0	1680.9	5682.1	4315.4	2451.6	75.95
24.5	234.0	1674.4	5729.7	4335.5	2472.6	75.67
24.5	236.0	1667.8	5777.3	4355.2	2493.6	75.39
24.5	238.0	1661.3	5824.9	4374.5	2514.6	75.10
24.5	240.0	1654.7	5872.4	4393.3	2535.4	74.81
24.5	242.0	1648.1	5920.0	4411.7	2556.2	74.52
24.5	244.0	1641.5	5967.5	4429.7	2577.0	74.23
24.5	246.0	1634.8	6014.9	4447.2	2597.7	73.94
24.4	248.0	1628.2	6062.4	4464.2	2618.3	73.64
24.4	250.0	1621.5	6109.8	4480.8	2638.8	73.34
24.4	252.0	1614.8	6157.2	4496.9	2659.3	73.03
24.4	254.0	1608.1	6204.6	4512.6	2679.7	72.73
24.4	256.0	1601.4	6252.0	4527.8	2700.0	72.42
24.4	258.0	1594.6	6299.3	4542.5	2720.2	72.11
24.4	260.0	1587.9	6346.6	4556.8	2740.4	71.80



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 28 V

nl=2771.1U/min
ns=99.0U/min/V

Io=7.0A
kn=-3.80U/min/A

kM=10.94Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
28.2	10.0	2804.1	282.5	185.9	63.3	65.83
28.2	12.0	2793.8	338.9	240.8	82.3	71.06
28.2	14.0	2783.6	395.3	295.6	101.4	74.78
28.2	16.0	2773.4	451.7	350.2	120.6	77.55
28.2	18.0	2763.3	508.0	404.8	139.9	79.68
28.2	20.0	2753.2	564.4	459.2	159.3	81.37
28.2	22.0	2743.3	620.7	513.5	178.7	82.73
28.2	24.0	2733.4	677.0	567.7	198.3	83.85
28.2	26.0	2723.5	733.2	621.7	218.0	84.79
28.2	28.0	2713.8	789.5	675.6	237.7	85.57
28.2	30.0	2704.1	845.7	729.4	257.6	86.24
28.2	32.0	2694.5	901.9	783.0	277.5	86.81
28.2	34.0	2684.9	958.1	836.5	297.5	87.31
28.2	36.0	2675.4	1014.3	889.8	317.6	87.73
28.2	38.0	2665.9	1070.4	943.0	337.8	88.10
28.2	40.0	2656.6	1126.5	996.1	358.0	88.42
28.2	42.0	2647.2	1182.6	1049.0	378.4	88.70
28.2	44.0	2638.0	1238.7	1101.7	398.8	88.94
28.1	46.0	2628.8	1294.7	1154.3	419.3	89.15
28.1	48.0	2619.7	1350.8	1206.7	439.9	89.33
28.1	50.0	2610.6	1406.8	1259.0	460.5	89.49
28.1	52.0	2601.6	1462.8	1311.0	481.2	89.63
28.1	54.0	2592.6	1518.7	1363.0	502.0	89.74
28.1	56.0	2583.7	1574.7	1414.7	522.9	89.84
28.1	58.0	2574.9	1630.6	1466.3	543.8	89.92
28.1	60.0	2566.1	1686.5	1517.7	564.8	89.99
28.1	62.0	2557.3	1742.4	1568.9	585.9	90.05
28.1	64.0	2548.7	1798.2	1620.0	607.0	90.09
28.1	66.0	2540.0	1854.1	1670.9	628.2	90.12
28.1	68.0	2531.4	1909.9	1721.5	649.4	90.14
28.1	70.0	2522.9	1965.7	1772.0	670.7	90.15
28.1	72.0	2514.4	2021.4	1822.3	692.1	90.15
28.1	74.0	2506.0	2077.2	1872.5	713.5	90.15
28.1	76.0	2497.6	2132.9	1922.4	735.0	90.13
28.1	78.0	2489.3	2188.6	1972.1	756.5	90.11
28.1	80.0	2481.0	2244.3	2021.6	778.1	90.08
28.0	82.0	2472.8	2299.9	2070.9	799.7	90.04
28.0	84.0	2464.6	2355.6	2120.1	821.4	90.00
28.0	86.0	2456.5	2411.2	2169.0	843.2	89.96
28.0	88.0	2448.4	2466.8	2217.7	864.9	89.90
28.0	90.0	2440.3	2522.3	2266.2	886.8	89.84
28.0	92.0	2432.3	2577.9	2314.4	908.6	89.78
28.0	94.0	2424.4	2633.4	2362.5	930.6	89.71

28.0	96.0	2416.4	2688.9	2410.3	952.5	89.64
28.0	98.0	2408.6	2744.4	2457.9	974.5	89.56
28.0	100.0	2400.7	2799.8	2505.3	996.5	89.48
28.0	102.0	2392.9	2855.3	2552.5	1018.6	89.40
28.0	104.0	2385.2	2910.7	2599.4	1040.7	89.31
28.0	106.0	2377.4	2966.1	2646.1	1062.9	89.21
28.0	108.0	2369.8	3021.5	2692.6	1085.0	89.12
28.0	110.0	2362.1	3076.8	2738.9	1107.2	89.02
28.0	112.0	2354.5	3132.1	2784.8	1129.5	88.91
28.0	114.0	2346.9	3187.4	2830.6	1151.7	88.81
28.0	116.0	2339.4	3242.7	2876.1	1174.0	88.69
27.9	118.0	2331.9	3298.0	2921.4	1196.3	88.58
27.9	120.0	2324.4	3353.2	2966.4	1218.7	88.46
27.9	122.0	2316.9	3408.4	3011.1	1241.0	88.34
27.9	124.0	2309.5	3463.6	3055.6	1263.4	88.22
27.9	126.0	2302.1	3518.8	3099.9	1285.8	88.10
27.9	128.0	2294.8	3574.0	3143.9	1308.3	87.97
27.9	130.0	2287.5	3629.1	3187.6	1330.7	87.84
27.9	132.0	2280.2	3684.2	3231.1	1353.2	87.70
27.9	134.0	2272.9	3739.3	3274.3	1375.6	87.56
27.9	136.0	2265.7	3794.3	3317.2	1398.1	87.42
27.9	138.0	2258.5	3849.4	3359.8	1420.6	87.28
27.9	140.0	2251.3	3904.4	3402.2	1443.1	87.14
27.9	142.0	2244.1	3959.4	3444.3	1465.6	86.99
27.9	144.0	2237.0	4014.4	3486.1	1488.1	86.84
27.9	146.0	2229.9	4069.3	3527.6	1510.7	86.69
27.9	148.0	2222.8	4124.3	3568.8	1533.2	86.53
27.9	150.0	2215.7	4179.2	3609.8	1555.7	86.38
27.9	152.0	2208.7	4234.1	3650.4	1578.3	86.22
27.9	154.0	2201.6	4288.9	3690.7	1600.8	86.05
27.8	156.0	2194.6	4343.8	3730.8	1623.3	85.89
27.8	158.0	2187.6	4398.6	3770.5	1645.9	85.72
27.8	160.0	2180.7	4453.4	3810.0	1668.4	85.55
27.8	162.0	2173.7	4508.2	3849.1	1690.9	85.38
27.8	164.0	2166.8	4562.9	3887.9	1713.4	85.21
27.8	166.0	2159.9	4617.7	3926.4	1735.9	85.03
27.8	168.0	2153.0	4672.4	3964.5	1758.4	84.85
27.8	170.0	2146.1	4727.1	4002.4	1780.9	84.67
27.8	172.0	2139.2	4781.7	4039.9	1803.4	84.49
27.8	174.0	2132.3	4836.4	4077.1	1825.8	84.30
27.8	176.0	2125.5	4891.0	4114.0	1848.3	84.11
27.8	178.0	2118.7	4945.6	4150.5	1870.7	83.92
27.8	180.0	2111.8	5000.2	4186.7	1893.1	83.73
27.8	182.0	2105.0	5054.7	4222.5	1915.5	83.54
27.8	184.0	2098.2	5109.3	4258.0	1937.9	83.34
27.8	186.0	2091.4	5163.8	4293.1	1960.2	83.14
27.8	188.0	2084.6	5218.3	4327.9	1982.5	82.94
27.8	190.0	2077.8	5272.7	4362.3	2004.8	82.73
27.7	192.0	2071.1	5327.2	4396.4	2027.1	82.53
27.7	194.0	2064.3	5381.6	4430.1	2049.3	82.32
27.7	196.0	2057.5	5436.0	4463.4	2071.5	82.11
27.7	198.0	2050.8	5490.4	4496.4	2093.7	81.90
27.7	200.0	2044.0	5544.8	4529.0	2115.9	81.68
27.7	202.0	2037.3	5599.1	4561.2	2138.0	81.46
27.7	204.0	2030.5	5653.4	4593.0	2160.0	81.24

27.7	206.0	2023.8	5707.7	4624.4	2182.1	81.02
27.7	208.0	2017.0	5762.0	4655.5	2204.1	80.80
27.7	210.0	2010.3	5816.2	4686.1	2226.0	80.57
27.7	212.0	2003.5	5870.5	4716.4	2247.9	80.34
27.7	214.0	1996.8	5924.7	4746.2	2269.8	80.11
27.7	216.0	1990.0	5978.9	4775.6	2291.6	79.88
27.7	218.0	1983.3	6033.0	4804.7	2313.4	79.64
27.7	220.0	1976.5	6087.2	4833.3	2335.2	79.40
27.7	222.0	1969.7	6141.3	4861.5	2356.9	79.16
27.7	224.0	1963.0	6195.4	4889.3	2378.5	78.92
27.7	226.0	1956.2	6249.5	4916.6	2400.1	78.67
27.6	228.0	1949.4	6303.5	4943.5	2421.6	78.42
27.6	230.0	1942.6	6357.5	4970.0	2443.1	78.17
27.6	232.0	1935.8	6411.5	4996.0	2464.5	77.92
27.6	234.0	1929.0	6465.5	5021.6	2485.9	77.67
27.6	236.0	1922.2	6519.5	5046.8	2507.2	77.41
27.6	238.0	1915.3	6573.4	5071.5	2528.5	77.15
27.6	240.0	1908.5	6627.4	5095.7	2549.7	76.89
27.6	242.0	1901.7	6681.3	5119.5	2570.8	76.62
27.6	244.0	1894.8	6735.1	5142.8	2591.9	76.36
27.6	246.0	1887.9	6789.0	5165.7	2612.8	76.09
27.6	248.0	1881.0	6842.8	5188.0	2633.8	75.82
27.6	250.0	1874.1	6896.6	5209.9	2654.6	75.54
27.6	252.0	1867.2	6950.4	5231.3	2675.4	75.27
27.6	254.0	1860.3	7004.2	5252.3	2696.2	74.99
27.6	256.0	1853.3	7057.9	5272.7	2716.8	74.71
27.6	258.0	1846.3	7111.7	5292.6	2737.4	74.42
27.6	260.0	1839.3	7165.4	5312.1	2757.9	74.14



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 30 V

nl=2958.2U/min
ns=98.9U/min/V

Io=8.0A
kn=-3.93U/min/A

kM=11.01Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
30.2	10.0	2996.3	301.9	175.7	56.0	58.19
30.2	12.0	2985.3	362.3	236.1	75.5	65.18
30.2	14.0	2974.4	422.6	296.3	95.1	70.12
30.2	16.0	2963.5	482.9	356.3	114.8	73.79
30.2	18.0	2952.8	543.1	416.1	134.6	76.62
30.2	20.0	2942.1	603.4	475.7	154.4	78.84
30.2	22.0	2931.6	663.6	535.1	174.3	80.64
30.2	24.0	2921.1	723.8	594.3	194.3	82.11
30.2	26.0	2910.7	783.9	653.2	214.3	83.33
30.1	28.0	2900.4	844.1	712.0	234.4	84.35
30.1	30.0	2890.1	904.2	770.6	254.6	85.22
30.1	32.0	2880.0	964.3	828.9	274.9	85.96
30.1	34.0	2869.9	1024.4	887.1	295.2	86.59
30.1	36.0	2859.9	1084.5	945.0	315.5	87.14
30.1	38.0	2849.9	1144.5	1002.8	336.0	87.61
30.1	40.0	2840.1	1204.6	1060.3	356.5	88.02
30.1	42.0	2830.3	1264.6	1117.6	377.1	88.38
30.1	44.0	2820.6	1324.5	1174.7	397.7	88.69
30.1	46.0	2811.0	1384.5	1231.6	418.4	88.96
30.1	48.0	2801.4	1444.4	1288.3	439.2	89.19
30.1	50.0	2791.9	1504.4	1344.8	460.0	89.39
30.1	52.0	2782.5	1564.3	1401.1	480.8	89.57
30.1	54.0	2773.2	1624.1	1457.2	501.8	89.72
30.1	56.0	2763.9	1684.0	1513.0	522.7	89.85
30.1	58.0	2754.7	1743.8	1568.7	543.8	89.96
30.1	60.0	2745.5	1803.6	1624.1	564.9	90.05
30.1	62.0	2736.4	1863.4	1679.3	586.0	90.12
30.0	64.0	2727.4	1923.2	1734.3	607.2	90.18
30.0	66.0	2718.5	1982.9	1789.1	628.5	90.23
30.0	68.0	2709.6	2042.6	1843.7	649.8	90.26
30.0	70.0	2700.7	2102.3	1898.1	671.1	90.28
30.0	72.0	2691.9	2162.0	1952.2	692.5	90.30
30.0	74.0	2683.2	2221.7	2006.1	714.0	90.30
30.0	76.0	2674.6	2281.3	2059.9	735.5	90.29
30.0	78.0	2666.0	2340.9	2113.4	757.0	90.28
30.0	80.0	2657.4	2400.5	2166.6	778.6	90.26
30.0	82.0	2648.9	2460.1	2219.7	800.2	90.23
30.0	84.0	2640.5	2519.6	2272.5	821.9	90.19
30.0	86.0	2632.1	2579.2	2325.1	843.6	90.15
30.0	88.0	2623.7	2638.7	2377.5	865.3	90.10
30.0	90.0	2615.5	2698.1	2429.7	887.1	90.05
30.0	92.0	2607.2	2757.6	2481.7	908.9	89.99
30.0	94.0	2599.0	2817.1	2533.4	930.8	89.93

30.0	96.0	2590.9	2876.5	2584.9	952.7	89.86
30.0	98.0	2582.8	2935.9	2636.1	974.6	89.79
30.0	100.0	2574.7	2995.3	2687.2	996.6	89.71
29.9	102.0	2566.7	3054.6	2738.0	1018.6	89.63
29.9	104.0	2558.8	3113.9	2788.5	1040.7	89.55
29.9	106.0	2550.9	3173.3	2838.9	1062.7	89.46
29.9	108.0	2543.0	3232.5	2889.0	1084.9	89.37
29.9	110.0	2535.1	3291.8	2938.8	1107.0	89.28
29.9	112.0	2527.3	3351.1	2988.4	1129.2	89.18
29.9	114.0	2519.6	3410.3	3037.8	1151.3	89.08
29.9	116.0	2511.9	3469.5	3087.0	1173.6	88.97
29.9	118.0	2504.2	3528.7	3135.9	1195.8	88.87
29.9	120.0	2496.5	3587.8	3184.5	1218.1	88.76
29.9	122.0	2488.9	3647.0	3232.9	1240.4	88.65
29.9	124.0	2481.3	3706.1	3281.0	1262.7	88.53
29.9	126.0	2473.8	3765.2	3328.9	1285.0	88.41
29.9	128.0	2466.3	3824.3	3376.6	1307.4	88.29
29.9	130.0	2458.8	3883.3	3423.9	1329.8	88.17
29.9	132.0	2451.3	3942.4	3471.1	1352.2	88.05
29.9	134.0	2443.9	4001.4	3517.9	1374.6	87.92
29.9	136.0	2436.5	4060.4	3564.5	1397.1	87.79
29.9	138.0	2429.1	4119.3	3610.9	1419.5	87.66
29.8	140.0	2421.7	4178.3	3656.9	1442.0	87.52
29.8	142.0	2414.4	4237.2	3702.7	1464.5	87.39
29.8	144.0	2407.1	4296.1	3748.2	1487.0	87.25
29.8	146.0	2399.8	4355.0	3793.5	1509.5	87.11
29.8	148.0	2392.5	4413.8	3838.4	1532.0	86.96
29.8	150.0	2385.3	4472.7	3883.1	1554.6	86.82
29.8	152.0	2378.1	4531.5	3927.5	1577.1	86.67
29.8	154.0	2370.9	4590.3	3971.6	1599.7	86.52
29.8	156.0	2363.7	4649.1	4015.4	1622.2	86.37
29.8	158.0	2356.5	4707.8	4058.9	1644.8	86.22
29.8	160.0	2349.4	4766.6	4102.2	1667.4	86.06
29.8	162.0	2342.2	4825.3	4145.1	1690.0	85.90
29.8	164.0	2335.1	4884.0	4187.7	1712.6	85.74
29.8	166.0	2328.0	4942.6	4230.0	1735.2	85.58
29.8	168.0	2320.9	5001.3	4272.0	1757.8	85.42
29.8	170.0	2313.8	5059.9	4313.7	1780.3	85.25
29.8	172.0	2306.7	5118.5	4355.1	1802.9	85.09
29.8	174.0	2299.6	5177.1	4396.1	1825.5	84.92
29.7	176.0	2292.5	5235.6	4436.8	1848.1	84.74
29.7	178.0	2285.4	5294.2	4477.2	1870.7	84.57
29.7	180.0	2278.4	5352.7	4517.3	1893.3	84.39
29.7	182.0	2271.3	5411.2	4557.0	1915.9	84.22
29.7	184.0	2264.3	5469.7	4596.4	1938.5	84.04
29.7	186.0	2257.2	5528.1	4635.5	1961.1	83.85
29.7	188.0	2250.2	5586.5	4674.2	1983.6	83.67
29.7	190.0	2243.1	5644.9	4712.5	2006.2	83.48
29.7	192.0	2236.1	5703.3	4750.5	2028.7	83.29
29.7	194.0	2229.0	5761.7	4788.1	2051.3	83.10
29.7	196.0	2221.9	5820.0	4825.4	2073.8	82.91
29.7	198.0	2214.9	5878.4	4862.3	2096.3	82.71
29.7	200.0	2207.8	5936.7	4898.8	2118.8	82.52
29.7	202.0	2200.7	5994.9	4934.9	2141.3	82.32
29.7	204.0	2193.7	6053.2	4970.7	2163.8	82.12

29.7	206.0	2186.6	6111.4	5006.0	2186.3	81.91
29.7	208.0	2179.5	6169.6	5041.0	2208.7	81.71
29.7	210.0	2172.4	6227.8	5075.6	2231.1	81.50
29.7	212.0	2165.2	6286.0	5109.8	2253.6	81.29
29.6	214.0	2158.1	6344.2	5143.5	2275.9	81.08
29.6	216.0	2151.0	6402.3	5176.9	2298.3	80.86
29.6	218.0	2143.8	6460.4	5209.8	2320.7	80.64
29.6	220.0	2136.6	6518.5	5242.3	2343.0	80.42
29.6	222.0	2129.4	6576.5	5274.4	2365.3	80.20
29.6	224.0	2122.2	6634.6	5306.1	2387.6	79.98
29.6	226.0	2115.0	6692.6	5337.3	2409.8	79.75
29.6	228.0	2107.7	6750.6	5368.1	2432.0	79.52
29.6	230.0	2100.5	6808.6	5398.4	2454.2	79.29
29.6	232.0	2093.2	6866.5	5428.3	2476.4	79.05
29.6	234.0	2085.9	6924.5	5457.7	2498.6	78.82
29.6	236.0	2078.5	6982.4	5486.6	2520.7	78.58
29.6	238.0	2071.2	7040.3	5515.1	2542.7	78.34
29.6	240.0	2063.8	7098.1	5543.1	2564.8	78.09
29.6	242.0	2056.4	7156.0	5570.6	2586.8	77.85
29.6	244.0	2049.0	7213.8	5597.6	2608.8	77.60
29.6	246.0	2041.5	7271.6	5624.1	2630.7	77.34
29.6	248.0	2034.0	7329.4	5650.2	2652.7	77.09
29.5	250.0	2026.5	7387.2	5675.7	2674.5	76.83
29.5	252.0	2018.9	7444.9	5700.7	2696.4	76.57
29.5	254.0	2011.3	7502.6	5725.2	2718.2	76.31
29.5	256.0	2003.7	7560.3	5749.1	2739.9	76.04
29.5	258.0	1996.1	7618.0	5772.6	2761.6	75.78
29.5	260.0	1988.4	7675.7	5795.5	2783.3	75.50

NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 35 V

nl=3425.1U/min
ns=98.2U/min/VIo=9.5A
kn=-4.22U/min/A

kM=11.15Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
35.3	10.0	3478.7	352.6	205.2	56.3	58.20
35.3	12.0	3467.5	423.0	273.6	75.3	64.68
35.2	14.0	3456.4	493.5	341.9	94.5	69.29
35.2	16.0	3445.3	563.9	410.2	113.7	72.75
35.2	18.0	3434.3	634.2	478.4	133.0	75.43
35.2	20.0	3423.3	704.6	546.5	152.4	77.56
35.2	22.0	3412.4	774.9	614.5	172.0	79.30
35.2	24.0	3401.6	845.2	682.5	191.6	80.74
35.2	26.0	3390.8	915.5	750.3	211.3	81.96
35.2	28.0	3380.1	985.8	818.1	231.1	82.99
35.2	30.0	3369.4	1056.0	885.7	251.0	83.87
35.2	32.0	3358.8	1126.2	953.3	271.0	84.64
35.2	34.0	3348.2	1196.4	1020.7	291.1	85.31
35.2	36.0	3337.7	1266.6	1088.0	311.3	85.90
35.2	38.0	3327.3	1336.7	1155.2	331.5	86.42
35.2	40.0	3316.9	1406.8	1222.3	351.9	86.88
35.2	42.0	3306.6	1476.9	1289.2	372.3	87.29
35.2	44.0	3296.3	1547.0	1356.0	392.8	87.66
35.2	46.0	3286.0	1617.1	1422.7	413.4	87.98
35.1	48.0	3275.9	1687.1	1489.3	434.1	88.27
35.1	50.0	3265.7	1757.1	1555.6	454.9	88.53
35.1	52.0	3255.7	1827.1	1621.9	475.7	88.77
35.1	54.0	3245.6	1897.0	1688.0	496.6	88.98
35.1	56.0	3235.7	1967.0	1753.9	517.6	89.17
35.1	58.0	3225.7	2036.9	1819.6	538.7	89.33
35.1	60.0	3215.9	2106.8	1885.2	559.8	89.48
35.1	62.0	3206.0	2176.7	1950.6	581.0	89.62
35.1	64.0	3196.3	2246.5	2015.9	602.3	89.73
35.1	66.0	3186.5	2316.3	2081.0	623.6	89.84
35.1	68.0	3176.9	2386.1	2145.8	645.0	89.93
35.1	70.0	3167.2	2455.9	2210.5	666.5	90.01
35.1	72.0	3157.6	2525.6	2275.1	688.0	90.08
35.1	74.0	3148.1	2595.4	2339.4	709.6	90.14
35.1	76.0	3138.6	2665.1	2403.5	731.3	90.18
35.1	78.0	3129.2	2734.8	2467.4	753.0	90.22
35.1	80.0	3119.8	2804.4	2531.1	774.7	90.25
35.0	82.0	3110.4	2874.0	2594.6	796.6	90.28
35.0	84.0	3101.1	2943.7	2657.9	818.5	90.29
35.0	86.0	3091.8	3013.2	2721.0	840.4	90.30
35.0	88.0	3082.6	3082.8	2783.8	862.4	90.30
35.0	90.0	3073.4	3152.4	2846.5	884.4	90.30
35.0	92.0	3064.3	3221.9	2908.9	906.5	90.28
35.0	94.0	3055.2	3291.4	2971.0	928.6	90.27

35.0	96.0	3046.1	3360.8	3033.0	950.8	90.24
35.0	98.0	3037.1	3430.3	3094.7	973.0	90.22
35.0	100.0	3028.2	3499.7	3156.1	995.3	90.18
35.0	102.0	3019.2	3569.1	3217.4	1017.6	90.14
35.0	104.0	3010.3	3638.5	3278.3	1039.9	90.10
35.0	106.0	3001.5	3707.9	3339.1	1062.3	90.05
35.0	108.0	2992.7	3777.2	3399.5	1084.8	90.00
35.0	110.0	2983.9	3846.5	3459.7	1107.2	89.95
35.0	112.0	2975.2	3915.8	3519.7	1129.7	89.88
35.0	114.0	2966.5	3985.0	3579.4	1152.2	89.82
35.0	116.0	2957.8	4054.3	3638.8	1174.8	89.75
34.9	118.0	2949.2	4123.5	3697.9	1197.4	89.68
34.9	120.0	2940.6	4192.7	3756.8	1220.0	89.60
34.9	122.0	2932.0	4261.9	3815.4	1242.6	89.52
34.9	124.0	2923.5	4331.0	3873.7	1265.3	89.44
34.9	126.0	2915.0	4400.1	3931.8	1288.0	89.36
34.9	128.0	2906.6	4469.2	3989.5	1310.7	89.27
34.9	130.0	2898.1	4538.3	4047.0	1333.5	89.17
34.9	132.0	2889.7	4607.4	4104.1	1356.2	89.08
34.9	134.0	2881.4	4676.4	4161.0	1379.0	88.98
34.9	136.0	2873.1	4745.4	4217.6	1401.8	88.88
34.9	138.0	2864.8	4814.4	4273.9	1424.6	88.77
34.9	140.0	2856.5	4883.4	4329.8	1447.5	88.67
34.9	142.0	2848.3	4952.3	4385.5	1470.3	88.55
34.9	144.0	2840.1	5021.2	4440.8	1493.1	88.44
34.9	146.0	2831.9	5090.1	4495.9	1516.0	88.33
34.9	148.0	2823.8	5159.0	4550.6	1538.9	88.21
34.9	150.0	2815.7	5227.8	4605.0	1561.8	88.09
34.8	152.0	2807.6	5296.6	4659.1	1584.6	87.96
34.8	154.0	2799.6	5365.4	4712.8	1607.5	87.84
34.8	156.0	2791.5	5434.2	4766.2	1630.4	87.71
34.8	158.0	2783.5	5503.0	4819.3	1653.3	87.58
34.8	160.0	2775.6	5571.7	4872.0	1676.2	87.44
34.8	162.0	2767.6	5640.4	4924.4	1699.1	87.31
34.8	164.0	2759.7	5709.1	4976.5	1722.0	87.17
34.8	166.0	2751.8	5777.8	5028.2	1744.9	87.03
34.8	168.0	2743.9	5846.4	5079.6	1767.8	86.88
34.8	170.0	2736.1	5915.0	5130.6	1790.7	86.74
34.8	172.0	2728.3	5983.6	5181.3	1813.5	86.59
34.8	174.0	2720.5	6052.2	5231.6	1836.4	86.44
34.8	176.0	2712.7	6120.7	5281.5	1859.2	86.29
34.8	178.0	2704.9	6189.2	5331.1	1882.1	86.14
34.8	180.0	2697.2	6257.7	5380.3	1904.9	85.98
34.8	182.0	2689.5	6326.2	5429.2	1927.7	85.82
34.8	184.0	2681.8	6394.7	5477.7	1950.5	85.66
34.7	186.0	2674.1	6463.1	5525.8	1973.2	85.50
34.7	188.0	2666.5	6531.5	5573.5	1996.0	85.33
34.7	190.0	2658.9	6599.9	5620.8	2018.7	85.17
34.7	192.0	2651.3	6668.2	5667.8	2041.4	85.00
34.7	194.0	2643.7	6736.6	5714.4	2064.1	84.83
34.7	196.0	2636.1	6804.9	5760.5	2086.8	84.65
34.7	198.0	2628.5	6873.2	5806.3	2109.4	84.48
34.7	200.0	2621.0	6941.4	5851.7	2132.0	84.30
34.7	202.0	2613.5	7009.7	5896.7	2154.6	84.12
34.7	204.0	2606.0	7077.9	5941.3	2177.1	83.94

34.7	206.0	2598.5	7146.1	5985.4	2199.6	83.76
34.7	208.0	2591.0	7214.3	6029.2	2222.1	83.57
34.7	210.0	2583.6	7282.4	6072.6	2244.5	83.39
34.7	212.0	2576.1	7350.5	6115.5	2266.9	83.20
34.7	214.0	2568.7	7418.6	6158.0	2289.3	83.01
34.7	216.0	2561.3	7486.7	6200.1	2311.6	82.81
34.7	218.0	2553.9	7554.8	6241.8	2333.9	82.62
34.6	220.0	2546.5	7622.8	6283.0	2356.1	82.42
34.6	222.0	2539.1	7690.8	6323.8	2378.3	82.23
34.6	224.0	2531.7	7758.8	6364.2	2400.5	82.03
34.6	226.0	2524.4	7826.8	6404.2	2422.6	81.82
34.6	228.0	2517.0	7894.7	6443.7	2444.6	81.62
34.6	230.0	2509.7	7962.6	6482.7	2466.6	81.41
34.6	232.0	2502.4	8030.5	6521.3	2488.6	81.21
34.6	234.0	2495.1	8098.4	6559.5	2510.5	81.00
34.6	236.0	2487.8	8166.3	6597.2	2532.3	80.79
34.6	238.0	2480.5	8234.1	6634.5	2554.1	80.57
34.6	240.0	2473.2	8301.9	6671.3	2575.9	80.36
34.6	242.0	2465.9	8369.7	6707.6	2597.5	80.14
34.6	244.0	2458.6	8437.4	6743.5	2619.2	79.92
34.6	246.0	2451.4	8505.1	6778.9	2640.7	79.70
34.6	248.0	2444.1	8572.9	6813.8	2662.2	79.48
34.6	250.0	2436.8	8640.5	6848.3	2683.6	79.26
34.6	252.0	2429.6	8708.2	6882.2	2705.0	79.03
34.6	254.0	2422.3	8775.8	6915.7	2726.3	78.80
34.5	256.0	2415.1	8843.5	6948.8	2747.5	78.58
34.5	258.0	2407.9	8911.1	6981.3	2768.7	78.34
34.5	260.0	2400.6	8978.6	7013.3	2789.8	78.11



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 40 V

nl=3899.6U/min
ns=98.1U/min/V

Io=10.1A
kn=-4.57U/min/A

kM=11.20Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
40.2	10.0	3972.3	401.8	207.2	49.8	51.57
40.2	12.0	3959.6	482.0	286.3	69.1	59.40
40.2	14.0	3947.1	562.3	365.4	88.4	64.98
40.2	16.0	3934.6	642.5	444.3	107.8	69.15
40.2	18.0	3922.1	722.8	523.1	127.4	72.38
40.1	20.0	3909.8	803.0	601.8	147.0	74.95
40.1	22.0	3897.5	883.1	680.4	166.7	77.05
40.1	24.0	3885.3	963.3	758.9	186.5	78.78
40.1	26.0	3873.2	1043.4	837.2	206.4	80.24
40.1	28.0	3861.2	1123.5	915.4	226.4	81.48
40.1	30.0	3849.2	1203.6	993.5	246.5	82.54
40.1	32.0	3837.3	1283.7	1071.4	266.6	83.46
40.1	34.0	3825.5	1363.7	1149.2	286.9	84.27
40.1	36.0	3813.7	1443.8	1226.8	307.2	84.97
40.1	38.0	3802.0	1523.8	1304.3	327.6	85.60
40.1	40.0	3790.4	1603.7	1381.6	348.1	86.15
40.1	42.0	3778.9	1683.7	1458.7	368.6	86.64
40.1	44.0	3767.4	1763.6	1535.7	389.3	87.08
40.1	46.0	3756.0	1843.5	1612.5	410.0	87.47
40.1	48.0	3744.7	1923.4	1689.2	430.8	87.82
40.1	50.0	3733.4	2003.3	1765.7	451.6	88.14
40.1	52.0	3722.2	2083.1	1842.0	472.6	88.42
40.1	54.0	3711.1	2163.0	1918.1	493.6	88.68
40.0	56.0	3700.0	2242.8	1994.0	514.6	88.91
40.0	58.0	3689.0	2322.5	2069.8	535.8	89.12
40.0	60.0	3678.0	2402.3	2145.3	557.0	89.30
40.0	62.0	3667.2	2482.0	2220.7	578.3	89.47
40.0	64.0	3656.3	2561.7	2295.8	599.6	89.62
40.0	66.0	3645.6	2641.4	2370.8	621.0	89.75
40.0	68.0	3634.9	2721.1	2445.5	642.5	89.87
40.0	70.0	3624.3	2800.7	2520.1	664.0	89.98
40.0	72.0	3613.7	2880.4	2594.4	685.6	90.07
40.0	74.0	3603.2	2960.0	2668.5	707.2	90.15
40.0	76.0	3592.7	3039.5	2742.4	728.9	90.22
40.0	78.0	3582.3	3119.1	2816.1	750.7	90.29
40.0	80.0	3572.0	3198.6	2889.6	772.5	90.34
40.0	82.0	3561.7	3278.2	2962.8	794.3	90.38
40.0	84.0	3551.5	3357.6	3035.8	816.3	90.41
40.0	86.0	3541.3	3437.1	3108.5	838.2	90.44
40.0	88.0	3531.2	3516.6	3181.1	860.2	90.46
40.0	90.0	3521.1	3596.0	3253.4	882.3	90.47
39.9	92.0	3511.1	3675.4	3325.4	904.4	90.48
39.9	94.0	3501.2	3754.8	3397.2	926.6	90.48

39.9	96.0	3491.3	3834.1	3468.7	948.8	90.47
39.9	98.0	3481.4	3913.5	3540.0	971.0	90.46
39.9	100.0	3471.6	3992.8	3611.1	993.3	90.44
39.9	102.0	3461.9	4072.1	3681.9	1015.6	90.42
39.9	104.0	3452.2	4151.4	3752.4	1038.0	90.39
39.9	106.0	3442.5	4230.6	3822.6	1060.4	90.36
39.9	108.0	3432.9	4309.8	3892.6	1082.8	90.32
39.9	110.0	3423.3	4389.0	3962.4	1105.3	90.28
39.9	112.0	3413.8	4468.2	4031.8	1127.8	90.23
39.9	114.0	3404.4	4547.4	4101.0	1150.3	90.18
39.9	116.0	3394.9	4626.5	4169.9	1172.9	90.13
39.9	118.0	3385.6	4705.6	4238.5	1195.5	90.07
39.9	120.0	3376.2	4784.7	4306.8	1218.1	90.01
39.9	122.0	3367.0	4863.8	4374.8	1240.8	89.95
39.9	124.0	3357.7	4942.9	4442.6	1263.5	89.88
39.9	126.0	3348.5	5021.9	4510.0	1286.2	89.81
39.9	128.0	3339.3	5100.9	4577.2	1308.9	89.73
39.8	130.0	3330.2	5179.9	4644.0	1331.7	89.65
39.8	132.0	3321.1	5258.8	4710.5	1354.4	89.57
39.8	134.0	3312.1	5337.8	4776.8	1377.2	89.49
39.8	136.0	3303.1	5416.7	4842.7	1400.0	89.40
39.8	138.0	3294.1	5495.6	4908.3	1422.9	89.31
39.8	140.0	3285.2	5574.5	4973.6	1445.7	89.22
39.8	142.0	3276.3	5653.3	5038.6	1468.6	89.13
39.8	144.0	3267.4	5732.2	5103.2	1491.5	89.03
39.8	146.0	3258.6	5811.0	5167.6	1514.3	88.93
39.8	148.0	3249.8	5889.8	5231.6	1537.2	88.82
39.8	150.0	3241.1	5968.5	5295.2	1560.1	88.72
39.8	152.0	3232.4	6047.3	5358.5	1583.1	88.61
39.8	154.0	3223.7	6126.0	5421.5	1606.0	88.50
39.8	156.0	3215.0	6204.7	5484.2	1628.9	88.39
39.8	158.0	3206.4	6283.4	5546.5	1651.8	88.27
39.8	160.0	3197.8	6362.0	5608.4	1674.8	88.15
39.8	162.0	3189.2	6440.7	5670.0	1697.7	88.03
39.8	164.0	3180.7	6519.3	5731.2	1720.7	87.91
39.7	166.0	3172.2	6597.9	5792.1	1743.6	87.79
39.7	168.0	3163.7	6676.4	5852.6	1766.5	87.66
39.7	170.0	3155.3	6755.0	5912.8	1789.5	87.53
39.7	172.0	3146.9	6833.5	5972.6	1812.4	87.40
39.7	174.0	3138.5	6912.0	6032.0	1835.3	87.27
39.7	176.0	3130.1	6990.5	6091.0	1858.3	87.13
39.7	178.0	3121.7	7068.9	6149.7	1881.2	87.00
39.7	180.0	3113.4	7147.4	6207.9	1904.1	86.86
39.7	182.0	3105.1	7225.8	6265.8	1927.0	86.71
39.7	184.0	3096.8	7304.2	6323.3	1949.8	86.57
39.7	186.0	3088.6	7382.5	6380.4	1972.7	86.43
39.7	188.0	3080.3	7460.9	6437.1	1995.5	86.28
39.7	190.0	3072.1	7539.2	6493.4	2018.4	86.13
39.7	192.0	3063.9	7617.5	6549.3	2041.2	85.98
39.7	194.0	3055.8	7695.8	6604.8	2064.0	85.82
39.7	196.0	3047.6	7774.0	6659.9	2086.8	85.67
39.7	198.0	3039.5	7852.3	6714.5	2109.5	85.51
39.7	200.0	3031.4	7930.5	6768.8	2132.3	85.35
39.6	202.0	3023.3	8008.7	6822.6	2155.0	85.19
39.6	204.0	3015.2	8086.8	6876.0	2177.7	85.03

39.6	206.0	3007.1	8165.0	6928.9	2200.3	84.86
39.6	208.0	2999.0	8243.1	6981.4	2223.0	84.69
39.6	210.0	2991.0	8321.2	7033.5	2245.6	84.53
39.6	212.0	2983.0	8399.3	7085.2	2268.2	84.35
39.6	214.0	2974.9	8477.4	7136.4	2290.7	84.18
39.6	216.0	2966.9	8555.4	7187.1	2313.2	84.01
39.6	218.0	2958.9	8633.4	7237.4	2335.7	83.83
39.6	220.0	2951.0	8711.4	7287.2	2358.1	83.65
39.6	222.0	2943.0	8789.4	7336.6	2380.6	83.47
39.6	224.0	2935.0	8867.3	7385.5	2402.9	83.29
39.6	226.0	2927.1	8945.3	7433.9	2425.3	83.10
39.6	228.0	2919.1	9023.2	7481.9	2447.6	82.92
39.6	230.0	2911.2	9101.0	7529.4	2469.8	82.73
39.6	232.0	2903.2	9178.9	7576.4	2492.0	82.54
39.6	234.0	2895.3	9256.8	7622.9	2514.2	82.35
39.6	236.0	2887.4	9334.6	7668.9	2536.3	82.16
39.5	238.0	2879.5	9412.4	7714.5	2558.4	81.96
39.5	240.0	2871.6	9490.1	7759.5	2580.4	81.76
39.5	242.0	2863.6	9567.9	7804.0	2602.4	81.56
39.5	244.0	2855.7	9645.6	7848.0	2624.3	81.36
39.5	246.0	2847.8	9723.3	7891.6	2646.2	81.16
39.5	248.0	2839.9	9801.0	7934.5	2668.0	80.96
39.5	250.0	2832.0	9878.7	7977.0	2689.8	80.75
39.5	252.0	2824.1	9956.3	8019.0	2711.5	80.54
39.5	254.0	2816.2	10033.9	8060.4	2733.1	80.33
39.5	256.0	2808.3	10111.5	8101.3	2754.7	80.12
39.5	258.0	2800.4	10189.1	8141.6	2776.3	79.91
39.5	260.0	2792.5	10266.7	8181.5	2797.8	79.69



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 45 V

nl=4354.5U/min
ns=97.6U/min/V

Io=10.9A
kn=-4.82U/min/A

kM=11.31Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
45.1	10.0	4437.3	451.2	235.3	50.6	52.14
45.1	12.0	4423.9	541.4	321.6	69.4	59.40
45.1	14.0	4410.7	631.6	407.9	88.3	64.59
45.1	16.0	4397.5	721.7	494.3	107.3	68.49
45.1	18.0	4384.4	811.8	580.7	126.5	71.54
45.1	20.0	4371.4	901.9	667.2	145.7	73.97
45.1	22.0	4358.4	992.0	753.6	165.1	75.97
45.1	24.0	4345.6	1082.0	840.1	184.6	77.64
45.1	26.0	4332.7	1172.0	926.5	204.2	79.05
45.1	28.0	4320.0	1262.0	1012.9	223.9	80.26
45.1	30.0	4307.4	1352.0	1099.3	243.7	81.31
45.1	32.0	4294.8	1441.9	1185.7	263.6	82.23
45.1	34.0	4282.3	1531.8	1272.0	283.7	83.04
45.0	36.0	4269.8	1621.7	1358.3	303.8	83.76
45.0	38.0	4257.4	1711.6	1444.6	324.0	84.40
45.0	40.0	4245.1	1801.5	1530.7	344.3	84.97
45.0	42.0	4232.9	1891.3	1616.9	364.8	85.49
45.0	44.0	4220.8	1981.1	1702.9	385.3	85.96
45.0	46.0	4208.7	2070.9	1788.9	405.9	86.38
45.0	48.0	4196.6	2160.7	1874.8	426.6	86.77
45.0	50.0	4184.7	2250.4	1960.6	447.4	87.12
45.0	52.0	4172.8	2340.1	2046.3	468.3	87.44
45.0	54.0	4161.0	2429.8	2131.9	489.3	87.74
45.0	56.0	4149.2	2519.5	2217.4	510.3	88.01
45.0	58.0	4137.5	2609.1	2302.8	531.5	88.26
45.0	60.0	4125.9	2698.7	2388.1	552.7	88.49
45.0	62.0	4114.3	2788.3	2473.2	574.0	88.70
45.0	64.0	4102.8	2877.9	2558.2	595.4	88.89
45.0	66.0	4091.4	2967.5	2643.0	616.9	89.07
45.0	68.0	4080.0	3057.0	2727.8	638.4	89.23
45.0	70.0	4068.7	3146.5	2812.3	660.1	89.38
44.9	72.0	4057.4	3236.0	2896.7	681.8	89.52
44.9	74.0	4046.2	3325.5	2981.0	703.5	89.64
44.9	76.0	4035.1	3414.9	3065.0	725.4	89.75
44.9	78.0	4024.0	3504.3	3148.9	747.3	89.86
44.9	80.0	4013.0	3593.7	3232.6	769.2	89.95
44.9	82.0	4002.0	3683.1	3316.2	791.3	90.04
44.9	84.0	3991.1	3772.4	3399.5	813.4	90.11
44.9	86.0	3980.3	3861.8	3482.7	835.5	90.18
44.9	88.0	3969.5	3951.1	3565.6	857.8	90.24
44.9	90.0	3958.7	4040.3	3648.3	880.1	90.30
44.9	92.0	3948.1	4129.6	3730.9	902.4	90.34
44.9	94.0	3937.4	4218.8	3813.2	924.8	90.38

44.9	96.0	3926.9	4308.0	3895.2	947.2	90.42
44.9	98.0	3916.4	4397.2	3977.1	969.7	90.45
44.9	100.0	3905.9	4486.4	4058.7	992.3	90.47
44.9	102.0	3895.5	4575.5	4140.1	1014.9	90.48
44.9	104.0	3885.1	4664.6	4221.2	1037.5	90.49
44.8	106.0	3874.8	4753.7	4302.1	1060.2	90.50
44.8	108.0	3864.6	4842.8	4382.7	1083.0	90.50
44.8	110.0	3854.4	4931.8	4463.1	1105.7	90.49
44.8	112.0	3844.2	5020.9	4543.2	1128.6	90.49
44.8	114.0	3834.1	5109.9	4623.0	1151.4	90.47
44.8	116.0	3824.0	5198.8	4702.6	1174.3	90.45
44.8	118.0	3814.0	5287.8	4781.8	1197.2	90.43
44.8	120.0	3804.1	5376.7	4860.8	1220.2	90.40
44.8	122.0	3794.2	5465.6	4939.5	1243.2	90.37
44.8	124.0	3784.3	5554.5	5017.9	1266.2	90.34
44.8	126.0	3774.5	5643.4	5096.1	1289.3	90.30
44.8	128.0	3764.7	5732.2	5173.9	1312.4	90.26
44.8	130.0	3755.0	5821.0	5251.4	1335.5	90.21
44.8	132.0	3745.3	5909.8	5328.5	1358.6	90.16
44.8	134.0	3735.6	5998.6	5405.4	1381.8	90.11
44.8	136.0	3726.0	6087.4	5482.0	1404.9	90.05
44.8	138.0	3716.5	6176.1	5558.2	1428.1	90.00
44.7	140.0	3706.9	6264.8	5634.1	1451.4	89.93
44.7	142.0	3697.5	6353.5	5709.6	1474.6	89.87
44.7	144.0	3688.0	6442.1	5784.8	1497.8	89.80
44.7	146.0	3678.6	6530.7	5859.7	1521.1	89.72
44.7	148.0	3669.3	6619.4	5934.2	1544.4	89.65
44.7	150.0	3660.0	6707.9	6008.3	1567.6	89.57
44.7	152.0	3650.7	6796.5	6082.1	1590.9	89.49
44.7	154.0	3641.4	6885.0	6155.5	1614.2	89.40
44.7	156.0	3632.2	6973.6	6228.6	1637.5	89.32
44.7	158.0	3623.1	7062.0	6301.3	1660.8	89.23
44.7	160.0	3613.9	7150.5	6373.6	1684.1	89.13
44.7	162.0	3604.8	7239.0	6445.5	1707.4	89.04
44.7	164.0	3595.8	7327.4	6517.0	1730.7	88.94
44.7	166.0	3586.8	7415.8	6588.2	1754.0	88.84
44.7	168.0	3577.8	7504.2	6658.9	1777.3	88.74
44.7	170.0	3568.8	7592.5	6729.3	1800.6	88.63
44.7	172.0	3559.9	7680.9	6799.2	1823.9	88.52
44.7	174.0	3551.0	7769.2	6868.7	1847.1	88.41
44.6	176.0	3542.1	7857.4	6937.8	1870.4	88.30
44.6	178.0	3533.3	7945.7	7006.5	1893.6	88.18
44.6	180.0	3524.5	8034.0	7074.8	1916.8	88.06
44.6	182.0	3515.7	8122.2	7142.6	1940.1	87.94
44.6	184.0	3507.0	8210.4	7210.0	1963.2	87.82
44.6	186.0	3498.3	8298.5	7277.0	1986.4	87.69
44.6	188.0	3489.6	8386.7	7343.5	2009.6	87.56
44.6	190.0	3480.9	8474.8	7409.6	2032.7	87.43
44.6	192.0	3472.3	8562.9	7475.2	2055.8	87.30
44.6	194.0	3463.7	8651.0	7540.4	2078.9	87.16
44.6	196.0	3455.1	8739.0	7605.1	2101.9	87.02
44.6	198.0	3446.6	8827.1	7669.3	2124.9	86.88
44.6	200.0	3438.0	8915.1	7733.1	2147.9	86.74
44.6	202.0	3429.5	9003.1	7796.4	2170.9	86.60
44.6	204.0	3421.1	9091.0	7859.2	2193.8	86.45

44.6	206.0	3412.6	9179.0	7921.6	2216.6	86.30
44.6	208.0	3404.2	9266.9	7983.4	2239.5	86.15
44.5	210.0	3395.8	9354.8	8044.8	2262.3	86.00
44.5	212.0	3387.4	9442.6	8105.6	2285.1	85.84
44.5	214.0	3379.0	9530.5	8166.0	2307.8	85.68
44.5	216.0	3370.6	9618.3	8225.8	2330.4	85.52
44.5	218.0	3362.3	9706.1	8285.2	2353.1	85.36
44.5	220.0	3354.0	9793.9	8344.0	2375.6	85.20
44.5	222.0	3345.7	9881.6	8402.3	2398.2	85.03
44.5	224.0	3337.4	9969.4	8460.1	2420.7	84.86
44.5	226.0	3329.2	10057.1	8517.4	2443.1	84.69
44.5	228.0	3320.9	10144.8	8574.1	2465.5	84.52
44.5	230.0	3312.7	10232.4	8630.3	2487.8	84.34
44.5	232.0	3304.5	10320.1	8685.9	2510.0	84.17
44.5	234.0	3296.3	10407.7	8741.0	2532.2	83.99
44.5	236.0	3288.2	10495.3	8795.6	2554.4	83.80
44.5	238.0	3280.0	10582.9	8849.5	2576.4	83.62
44.5	240.0	3271.8	10670.4	8903.0	2598.5	83.44
44.5	242.0	3263.7	10757.9	8955.8	2620.4	83.25
44.4	244.0	3255.6	10845.4	9008.1	2642.3	83.06
44.4	246.0	3247.5	10932.9	9059.8	2664.1	82.87
44.4	248.0	3239.4	11020.4	9111.0	2685.8	82.67
44.4	250.0	3231.3	11107.8	9161.5	2707.5	82.48
44.4	252.0	3223.2	11195.2	9211.5	2729.1	82.28
44.4	254.0	3215.1	11282.6	9260.9	2750.6	82.08
44.4	256.0	3207.1	11369.9	9309.7	2772.0	81.88
44.4	258.0	3199.0	11457.3	9357.8	2793.4	81.68
44.4	260.0	3191.0	11544.6	9405.4	2814.7	81.47



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 50 V

nl=4820.0U/min
ns=97.3U/min/V

Io=11.3A
kn=-5,14U/min/A

kM=11.32Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
50.1	10.0	4913.3	500.9	260.2	50.6	51.95
50.1	12.0	4898.8	601.0	358.7	69.9	59.68
50.1	14.0	4884.5	701.1	456.9	89.3	65.17
50.1	16.0	4870.2	801.2	555.0	108.8	69.28
50.1	18.0	4856.0	901.2	653.0	128.4	72.46
50.1	20.0	4841.9	1001.2	750.8	148.1	74.99
50.1	22.0	4827.9	1101.2	848.4	167.8	77.04
50.0	24.0	4813.9	1201.2	945.8	187.6	78.74
50.0	26.0	4800.1	1301.1	1043.1	207.5	80.17
50.0	28.0	4786.4	1401.0	1140.2	227.5	81.38
50.0	30.0	4772.7	1500.9	1237.1	247.5	82.42
50.0	32.0	4759.2	1600.8	1333.8	267.6	83.32
50.0	34.0	4745.7	1700.7	1430.3	287.8	84.11
50.0	36.0	4732.3	1800.5	1526.7	308.1	84.79
50.0	38.0	4719.0	1900.3	1622.9	328.4	85.40
50.0	40.0	4705.8	2000.1	1718.9	348.8	85.94
50.0	42.0	4692.7	2099.8	1814.7	369.3	86.42
50.0	44.0	4679.7	2199.5	1910.3	389.8	86.85
50.0	46.0	4666.7	2299.3	2005.7	410.4	87.23
50.0	48.0	4653.8	2398.9	2101.0	431.1	87.58
50.0	50.0	4641.0	2498.6	2196.0	451.8	87.89
50.0	52.0	4628.3	2598.2	2290.8	472.6	88.17
50.0	54.0	4615.7	2697.8	2385.5	493.5	88.42
50.0	56.0	4603.1	2797.4	2479.9	514.5	88.65
49.9	58.0	4590.7	2897.0	2574.1	535.5	88.85
49.9	60.0	4578.2	2996.5	2668.2	556.5	89.04
49.9	62.0	4565.9	3096.1	2762.0	577.6	89.21
49.9	64.0	4553.7	3195.6	2855.6	598.8	89.36
49.9	66.0	4541.5	3295.0	2949.0	620.1	89.50
49.9	68.0	4529.4	3394.5	3042.2	641.4	89.62
49.9	70.0	4517.4	3493.9	3135.2	662.7	89.73
49.9	72.0	4505.4	3593.3	3227.9	684.2	89.83
49.9	74.0	4493.5	3692.7	3320.5	705.6	89.92
49.9	76.0	4481.7	3792.0	3412.8	727.2	90.00
49.9	78.0	4469.9	3891.4	3504.9	748.8	90.07
49.9	80.0	4458.2	3990.7	3596.8	770.4	90.13
49.9	82.0	4446.6	4089.9	3688.4	792.1	90.18
49.9	84.0	4435.1	4189.2	3779.9	813.9	90.23
49.9	86.0	4423.6	4288.4	3871.1	835.7	90.27
49.9	88.0	4412.2	4387.7	3962.0	857.5	90.30
49.9	90.0	4400.8	4486.8	4052.8	879.4	90.33
49.8	92.0	4389.5	4586.0	4143.3	901.4	90.35
49.8	94.0	4378.3	4685.1	4233.5	923.4	90.36

49.8	96.0	4367.1	4784.3	4323.6	945.4	90.37
49.8	98.0	4356.0	4883.4	4413.4	967.5	90.38
49.8	100.0	4345.0	4982.4	4502.9	989.6	90.38
49.8	102.0	4334.0	5081.5	4592.2	1011.8	90.37
49.8	104.0	4323.1	5180.5	4681.3	1034.1	90.36
49.8	106.0	4312.2	5279.5	4770.1	1056.3	90.35
49.8	108.0	4301.4	5378.5	4858.6	1078.6	90.34
49.8	110.0	4290.6	5477.4	4946.9	1101.0	90.32
49.8	112.0	4279.9	5576.3	5035.0	1123.4	90.29
49.8	114.0	4269.2	5675.2	5122.8	1145.8	90.27
49.8	116.0	4258.6	5774.1	5210.3	1168.3	90.24
49.8	118.0	4248.1	5873.0	5297.6	1190.8	90.20
49.8	120.0	4237.6	5971.8	5384.6	1213.4	90.17
49.8	122.0	4227.1	6070.6	5471.3	1236.0	90.13
49.8	124.0	4216.7	6169.4	5557.8	1258.6	90.09
49.7	126.0	4206.4	6268.2	5644.0	1281.3	90.04
49.7	128.0	4196.1	6366.9	5729.9	1304.0	89.99
49.7	130.0	4185.8	6465.6	5815.5	1326.7	89.95
49.7	132.0	4175.6	6564.3	5900.9	1349.5	89.89
49.7	134.0	4165.4	6663.0	5986.0	1372.3	89.84
49.7	136.0	4155.3	6761.6	6070.8	1395.1	89.78
49.7	138.0	4145.2	6860.2	6155.3	1418.0	89.72
49.7	140.0	4135.2	6958.8	6239.5	1440.9	89.66
49.7	142.0	4125.2	7057.4	6323.4	1463.8	89.60
49.7	144.0	4115.2	7156.0	6407.1	1486.8	89.53
49.7	146.0	4105.3	7254.5	6490.4	1509.7	89.47
49.7	148.0	4095.4	7353.0	6573.4	1532.7	89.40
49.7	150.0	4085.6	7451.5	6656.2	1555.8	89.33
49.7	152.0	4075.8	7549.9	6738.6	1578.8	89.25
49.7	154.0	4066.0	7648.4	6820.7	1601.9	89.18
49.7	156.0	4056.3	7746.8	6902.5	1625.0	89.10
49.7	158.0	4046.6	7845.1	6984.0	1648.1	89.02
49.6	160.0	4036.9	7943.5	7065.1	1671.3	88.94
49.6	162.0	4027.3	8041.8	7146.0	1694.4	88.86
49.6	164.0	4017.7	8140.2	7226.5	1717.6	88.78
49.6	166.0	4008.1	8238.4	7306.7	1740.8	88.69
49.6	168.0	3998.6	8336.7	7386.5	1764.0	88.60
49.6	170.0	3989.1	8435.0	7466.1	1787.3	88.51
49.6	172.0	3979.6	8533.2	7545.2	1810.5	88.42
49.6	174.0	3970.1	8631.4	7624.1	1833.8	88.33
49.6	176.0	3960.7	8729.5	7702.5	1857.1	88.24
49.6	178.0	3951.3	8827.7	7780.7	1880.4	88.14
49.6	180.0	3941.9	8925.8	7858.5	1903.7	88.04
49.6	182.0	3932.6	9023.9	7935.9	1927.0	87.94
49.6	184.0	3923.2	9122.0	8013.0	1950.4	87.84
49.6	186.0	3913.9	9220.0	8089.7	1973.7	87.74
49.6	188.0	3904.6	9318.1	8166.0	1997.1	87.64
49.6	190.0	3895.4	9416.1	8242.0	2020.5	87.53
49.6	192.0	3886.1	9514.1	8317.6	2043.8	87.42
49.5	194.0	3876.9	9612.0	8392.8	2067.2	87.32
49.5	196.0	3867.7	9709.9	8467.6	2090.6	87.21
49.5	198.0	3858.5	9807.9	8542.0	2114.0	87.09
49.5	200.0	3849.4	9905.7	8616.1	2137.4	86.98
49.5	202.0	3840.2	10003.6	8689.7	2160.8	86.87
49.5	204.0	3831.1	10101.4	8762.9	2184.3	86.75

49.5	206.0	3821.9	10199.3	8835.8	2207.7	86.63
49.5	208.0	3812.8	10297.1	8908.2	2231.1	86.51
49.5	210.0	3803.7	10394.8	8980.2	2254.5	86.39
49.5	212.0	3794.6	10492.6	9051.8	2277.9	86.27
49.5	214.0	3785.5	10590.3	9123.0	2301.3	86.14
49.5	216.0	3776.5	10688.0	9193.7	2324.8	86.02
49.5	218.0	3767.4	10785.7	9264.1	2348.2	85.89
49.5	220.0	3758.3	10883.3	9333.9	2371.6	85.76
49.5	222.0	3749.3	10980.9	9403.4	2395.0	85.63
49.5	224.0	3740.2	11078.5	9472.4	2418.4	85.50
49.5	226.0	3731.2	11176.1	9540.9	2441.8	85.37
49.4	228.0	3722.2	11273.7	9609.0	2465.2	85.23
49.4	230.0	3713.1	11371.2	9676.6	2488.6	85.10
49.4	232.0	3704.1	11468.7	9743.8	2512.0	84.96
49.4	234.0	3695.1	11566.2	9810.5	2535.3	84.82
49.4	236.0	3686.1	11663.7	9876.7	2558.7	84.68
49.4	238.0	3677.0	11761.1	9942.4	2582.0	84.54
49.4	240.0	3668.0	11858.5	10007.6	2605.4	84.39
49.4	242.0	3659.0	11955.9	10072.4	2628.7	84.25
49.4	244.0	3650.0	12053.3	10136.6	2652.0	84.10
49.4	246.0	3640.9	12150.6	10200.4	2675.3	83.95
49.4	248.0	3631.9	12247.9	10263.6	2698.6	83.80
49.4	250.0	3622.9	12345.2	10326.4	2721.9	83.65
49.4	252.0	3613.8	12442.5	10388.6	2745.1	83.49
49.4	254.0	3604.8	12539.8	10450.3	2768.4	83.34
49.4	256.0	3595.7	12637.0	10511.5	2791.6	83.18
49.4	258.0	3586.6	12734.2	10572.1	2814.8	83.02
49.4	260.0	3577.5	12831.4	10632.2	2838.0	82.86



NOVA 15/50/B4 P30 HF - RS inkl. MST 60/260

Spannung: 55 V

nl=5301.7U/min
ns=97.1U/min/V

Io=11.0A
kn=-5,44U/min/A

kM=11.26Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
55.2	10.0	5397.6	552.0	271.7	48.1	49.23
55.2	12.0	5382.9	662.3	379.8	67.4	57.35
55.2	14.0	5368.3	772.6	487.8	86.8	63.14
55.2	16.0	5353.8	882.9	595.8	106.3	67.48
55.2	18.0	5339.4	993.1	703.6	125.8	70.84
55.2	20.0	5325.0	1103.3	811.2	145.5	73.53
55.2	22.0	5310.6	1213.5	918.8	165.2	75.71
55.2	24.0	5296.4	1323.7	1026.3	185.0	77.53
55.1	26.0	5282.2	1433.9	1133.6	204.9	79.06
55.1	28.0	5268.0	1544.0	1240.7	224.9	80.36
55.1	30.0	5254.0	1654.1	1347.8	245.0	81.48
55.1	32.0	5239.9	1764.2	1454.7	265.1	82.45
55.1	34.0	5226.0	1874.3	1561.4	285.3	83.31
55.1	36.0	5212.1	1984.3	1668.0	305.6	84.06
55.1	38.0	5198.3	2094.3	1774.4	326.0	84.72
55.1	40.0	5184.5	2204.3	1880.6	346.4	85.31
55.1	42.0	5170.8	2314.3	1986.7	366.9	85.84
55.1	44.0	5157.2	2424.3	2092.6	387.5	86.32
55.1	46.0	5143.6	2534.2	2198.3	408.1	86.75
55.1	48.0	5130.1	2644.1	2303.9	428.8	87.13
55.1	50.0	5116.7	2754.0	2409.2	449.6	87.48
55.1	52.0	5103.3	2863.8	2514.4	470.5	87.80
55.1	54.0	5089.9	2973.6	2619.3	491.4	88.08
55.1	56.0	5076.7	3083.4	2724.1	512.4	88.34
55.1	58.0	5063.5	3193.2	2828.6	533.5	88.58
55.0	60.0	5050.3	3303.0	2932.9	554.6	88.80
55.0	62.0	5037.2	3412.7	3037.0	575.7	88.99
55.0	64.0	5024.2	3522.4	3140.9	597.0	89.17
55.0	66.0	5011.2	3632.1	3244.6	618.3	89.33
55.0	68.0	4998.3	3741.8	3348.1	639.6	89.48
55.0	70.0	4985.5	3851.4	3451.3	661.1	89.61
55.0	72.0	4972.7	3961.0	3554.3	682.5	89.73
55.0	74.0	4959.9	4070.6	3657.0	704.1	89.84
55.0	76.0	4947.3	4180.2	3759.5	725.7	89.94
55.0	78.0	4934.6	4289.8	3861.8	747.3	90.02
55.0	80.0	4922.1	4399.3	3963.8	769.0	90.10
55.0	82.0	4909.6	4508.8	4065.5	790.8	90.17
55.0	84.0	4897.1	4618.3	4167.0	812.6	90.23
55.0	86.0	4884.7	4727.7	4268.2	834.4	90.28
55.0	88.0	4872.4	4837.1	4369.2	856.3	90.33
55.0	90.0	4860.1	4946.6	4469.9	878.3	90.36
55.0	92.0	4847.9	5055.9	4570.3	900.3	90.40
54.9	94.0	4835.7	5165.3	4670.5	922.3	90.42

54.9	96.0	4823.6	5274.6	4770.4	944.4	90.44
54.9	98.0	4811.6	5383.9	4870.0	966.5	90.45
54.9	100.0	4799.6	5493.2	4969.3	988.7	90.46
54.9	102.0	4787.6	5602.5	5068.3	1010.9	90.47
54.9	104.0	4775.7	5711.7	5167.1	1033.2	90.46
54.9	106.0	4763.9	5821.0	5265.5	1055.5	90.46
54.9	108.0	4752.1	5930.2	5363.7	1077.8	90.45
54.9	110.0	4740.4	6039.3	5461.5	1100.2	90.43
54.9	112.0	4728.7	6148.5	5559.1	1122.6	90.41
54.9	114.0	4717.1	6257.6	5656.3	1145.1	90.39
54.9	116.0	4705.5	6366.7	5753.2	1167.6	90.36
54.9	118.0	4694.0	6475.8	5849.9	1190.1	90.33
54.9	120.0	4682.5	6584.8	5946.2	1212.6	90.30
54.9	122.0	4671.1	6693.9	6042.2	1235.2	90.26
54.9	124.0	4659.8	6802.9	6137.9	1257.8	90.22
54.9	126.0	4648.5	6911.9	6233.2	1280.5	90.18
54.9	128.0	4637.2	7020.8	6328.3	1303.2	90.14
54.8	130.0	4626.0	7129.8	6423.0	1325.9	90.09
54.8	132.0	4614.9	7238.7	6517.4	1348.6	90.04
54.8	134.0	4603.8	7347.6	6611.4	1371.4	89.98
54.8	136.0	4592.7	7456.4	6705.1	1394.2	89.92
54.8	138.0	4581.7	7565.3	6798.5	1417.0	89.86
54.8	140.0	4570.8	7674.1	6891.5	1439.8	89.80
54.8	142.0	4559.9	7782.9	6984.2	1462.6	89.74
54.8	144.0	4549.0	7891.7	7076.6	1485.5	89.67
54.8	146.0	4538.2	8000.4	7168.6	1508.4	89.60
54.8	148.0	4527.4	8109.1	7260.3	1531.3	89.53
54.8	150.0	4516.7	8217.8	7351.6	1554.3	89.46
54.8	152.0	4506.1	8326.5	7442.5	1577.2	89.38
54.8	154.0	4495.5	8435.2	7533.2	1600.2	89.31
54.8	156.0	4484.9	8543.8	7623.4	1623.2	89.23
54.8	158.0	4474.4	8652.4	7713.3	1646.2	89.15
54.8	160.0	4464.0	8761.0	7802.8	1669.2	89.06
54.8	162.0	4453.5	8869.6	7892.0	1692.2	88.98
54.7	164.0	4443.2	8978.1	7980.8	1715.2	88.89
54.7	166.0	4432.9	9086.6	8069.2	1738.3	88.80
54.7	168.0	4422.6	9195.1	8157.3	1761.3	88.71
54.7	170.0	4412.3	9303.6	8245.0	1784.4	88.62
54.7	172.0	4402.2	9412.0	8332.3	1807.5	88.53
54.7	174.0	4392.0	9520.5	8419.2	1830.5	88.43
54.7	176.0	4381.9	9628.8	8505.8	1853.6	88.34
54.7	178.0	4371.9	9737.2	8591.9	1876.7	88.24
54.7	180.0	4361.9	9845.6	8677.7	1899.8	88.14
54.7	182.0	4351.9	9953.9	8763.2	1922.9	88.04
54.7	184.0	4342.0	10062.2	8848.2	1946.0	87.93
54.7	186.0	4332.2	10170.5	8932.8	1969.0	87.83
54.7	188.0	4322.4	10278.7	9017.1	1992.1	87.73
54.7	190.0	4312.6	10387.0	9100.9	2015.2	87.62
54.7	192.0	4302.8	10495.2	9184.4	2038.3	87.51
54.7	194.0	4293.2	10603.4	9267.5	2061.4	87.40
54.7	196.0	4283.5	10711.5	9350.2	2084.4	87.29
54.6	198.0	4273.9	10819.7	9432.4	2107.5	87.18
54.6	200.0	4264.3	10927.8	9514.3	2130.6	87.07
54.6	202.0	4254.8	11035.9	9595.8	2153.6	86.95
54.6	204.0	4245.4	11144.0	9676.9	2176.7	86.84

54.6	206.0	4235.9	11252.0	9757.5	2199.7	86.72
54.6	208.0	4226.5	11360.0	9837.8	2222.7	86.60
54.6	210.0	4217.2	11468.0	9917.7	2245.7	86.48
54.6	212.0	4207.9	11576.0	9997.1	2268.7	86.36
54.6	214.0	4198.6	11683.9	10076.1	2291.7	86.24
54.6	216.0	4189.4	11791.9	10154.8	2314.7	86.12
54.6	218.0	4180.2	11899.8	10233.0	2337.6	85.99
54.6	220.0	4171.1	12007.7	10310.7	2360.6	85.87
54.6	222.0	4161.9	12115.5	10388.1	2383.5	85.74
54.6	224.0	4152.9	12223.3	10465.1	2406.4	85.62
54.6	226.0	4143.9	12331.2	10541.6	2429.3	85.49
54.6	228.0	4134.9	12438.9	10617.7	2452.1	85.36
54.6	230.0	4125.9	12546.7	10693.4	2474.9	85.23
54.5	232.0	4117.0	12654.5	10768.6	2497.7	85.10
54.5	234.0	4108.1	12762.2	10843.4	2520.5	84.97
54.5	236.0	4099.3	12869.9	10917.8	2543.3	84.83
54.5	238.0	4090.5	12977.5	10991.8	2566.0	84.70
54.5	240.0	4081.8	13085.2	11065.3	2588.7	84.56
54.5	242.0	4073.0	13192.8	11138.4	2611.4	84.43
54.5	244.0	4064.4	13300.4	11211.1	2634.1	84.29
54.5	246.0	4055.7	13408.0	11283.3	2656.7	84.15
54.5	248.0	4047.1	13515.5	11355.1	2679.3	84.02
54.5	250.0	4038.6	13623.1	11426.4	2701.8	83.88
54.5	252.0	4030.0	13730.6	11497.3	2724.3	83.74
54.5	254.0	4021.5	13838.0	11567.8	2746.8	83.59
54.5	256.0	4013.1	13945.5	11637.8	2769.3	83.45
54.5	258.0	4004.6	14052.9	11707.4	2791.7	83.31
54.5	260.0	3996.2	14160.4	11776.5	2814.1	83.17