



## NOVA 15/50/B4 S P30 HF

Spannung: 50 V

nl=5390.0U/min  
ns=109.6U/min/V

Io=11.2A  
kn=-8.90U/min/A

kM=10.21Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
50.0	40.0	5134.0	1998.1	1578.3	293.6	78.99
49.9	45.0	5089.5	2247.1	1836.6	344.6	81.73
49.9	50.0	5045.0	2495.8	2090.1	395.6	83.74
49.9	55.0	5000.5	2744.4	2338.9	446.7	85.22
49.9	60.0	4956.0	2992.8	2583.0	497.7	86.31
49.9	65.0	4911.5	3241.0	2822.2	548.7	87.08
49.8	70.0	4867.0	3489.1	3056.8	599.8	87.61
49.8	75.0	4822.5	3736.9	3286.5	650.8	87.95
49.8	80.0	4778.0	3984.6	3511.5	701.8	88.13
49.8	85.0	4733.5	4232.1	3731.8	752.8	88.18
49.8	90.0	4689.0	4479.4	3947.3	803.9	88.12
49.8	95.0	4644.5	4726.5	4158.0	854.9	87.97
49.7	100.0	4600.0	4973.5	4364.0	905.9	87.75
49.7	105.0	4555.5	5220.3	4565.2	957.0	87.45
49.7	110.0	4511.0	5466.8	4761.7	1008.0	87.10
49.7	115.0	4466.5	5713.2	4953.4	1059.0	86.70
49.7	120.0	4422.0	5959.5	5140.4	1110.1	86.26
49.6	125.0	4377.5	6205.5	5322.6	1161.1	85.77
49.6	130.0	4333.0	6451.4	5500.0	1212.1	85.25
49.6	135.0	4288.5	6697.0	5672.7	1263.2	84.70
49.6	140.0	4244.0	6942.5	5840.6	1314.2	84.13
49.6	145.0	4199.5	7187.8	6003.8	1365.2	83.53
49.6	150.0	4155.0	7433.0	6162.3	1416.2	82.90
49.5	155.0	4110.5	7677.9	6315.9	1467.3	82.26
49.5	160.0	4066.0	7922.7	6464.8	1518.3	81.60
49.5	165.0	4021.5	8167.3	6609.0	1569.3	80.92
49.5	170.0	3977.0	8411.7	6748.4	1620.4	80.23
49.5	175.0	3932.5	8655.9	6883.0	1671.4	79.52
49.4	180.0	3888.0	8899.9	7012.9	1722.4	78.80
49.4	185.0	3843.5	9143.8	7138.0	1773.5	78.06
49.4	190.0	3799.0	9387.5	7258.4	1824.5	77.32
49.4	195.0	3754.5	9630.9	7374.0	1875.5	76.57
49.4	200.0	3710.0	9874.3	7484.9	1926.6	75.80
49.4	205.0	3665.5	10117.4	7591.0	1977.6	75.03
49.3	210.0	3621.0	10360.3	7692.4	2028.6	74.25
49.3	215.0	3576.5	10603.1	7789.0	2079.7	73.46
49.3	220.0	3532.0	10845.7	7880.8	2130.7	72.66
49.3	225.0	3487.5	11088.1	7967.9	2181.7	71.86
49.3	230.0	3443.0	11330.3	8050.2	2232.7	71.05
49.2	235.0	3398.5	11572.3	8127.8	2283.8	70.23
49.2	240.0	3354.0	11814.2	8200.6	2334.8	69.41
49.2	245.0	3309.5	12055.9	8268.7	2385.8	68.59
49.2	250.0	3265.0	12297.4	8332.0	2436.9	67.75



## NOVA 15/50/B4 S P30 HF

Spannung: 60 V

nl=6535.9U/min  
ns=110.4U/min/V

Io=6.9A  
kn=-10.94U/min/A

kM=9.52Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
59.8	20.0	6392.1	1196.6	838.0	125.2	70.03
59.8	25.0	6337.3	1495.5	1146.8	172.8	76.69
59.8	30.0	6282.6	1794.3	1450.3	220.4	80.83
59.8	35.0	6227.9	2092.9	1748.2	268.1	83.53
59.8	40.0	6173.2	2391.4	2040.7	315.7	85.33
59.8	45.0	6118.5	2689.8	2327.7	363.3	86.54
59.8	50.0	6063.8	2988.1	2609.3	410.9	87.32
59.7	55.0	6009.0	3286.2	2885.4	458.5	87.80
59.7	60.0	5954.3	3584.3	3156.1	506.2	88.05
59.7	65.0	5899.6	3882.2	3421.3	553.8	88.13
59.7	70.0	5844.9	4180.0	3681.0	601.4	88.06
59.7	75.0	5790.2	4477.7	3935.3	649.0	87.89
59.7	80.0	5735.5	4775.3	4184.2	696.6	87.62
59.7	85.0	5680.8	5072.8	4427.5	744.3	87.28
59.7	90.0	5626.0	5370.1	4665.4	791.9	86.88
59.7	95.0	5571.3	5667.3	4897.9	839.5	86.42
59.6	100.0	5516.6	5964.5	5124.9	887.1	85.92
59.6	105.0	5461.9	6261.4	5346.5	934.7	85.39
59.6	110.0	5407.2	6558.3	5562.5	982.4	84.82
59.6	115.0	5352.5	6855.1	5773.2	1030.0	84.22
59.6	120.0	5297.7	7151.7	5978.4	1077.6	83.59
59.6	125.0	5243.0	7448.2	6178.1	1125.2	82.95
59.6	130.0	5188.3	7744.6	6372.3	1172.9	82.28
59.6	135.0	5133.6	8040.9	6561.1	1220.5	81.60
59.6	140.0	5078.9	8337.1	6744.5	1268.1	80.90
59.5	145.0	5024.2	8633.2	6922.4	1315.7	80.18
59.5	150.0	4969.4	8929.1	7094.8	1363.3	79.46
59.5	155.0	4914.7	9224.9	7261.8	1411.0	78.72
59.5	160.0	4860.0	9520.6	7423.3	1458.6	77.97
59.5	165.0	4805.3	9816.2	7579.4	1506.2	77.21
59.5	170.0	4750.6	10111.7	7730.0	1553.8	76.45
59.5	175.0	4695.9	10407.0	7875.1	1601.4	75.67
59.5	180.0	4641.1	10702.3	8014.8	1649.1	74.89
59.4	185.0	4586.4	10997.4	8149.0	1696.7	74.10
59.4	190.0	4531.7	11292.4	8277.8	1744.3	73.30
59.4	195.0	4477.0	11587.3	8401.1	1791.9	72.50
59.4	200.0	4422.3	11882.0	8519.0	1839.6	71.70



## NOVA 15/50/B4 S P30 HF

Spannung: 70 V

nl=7509.7U/min  
ns=109.5U/min/V

Io=10.2A  
kn=-11.17U/min/A

kM=9.82Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
69.5	20.0	7399.8	1390.8	748.5	96.6	53.81
69.5	25.0	7344.0	1738.1	1120.3	145.7	64.46
69.5	30.0	7288.1	2085.1	1486.4	194.8	71.29
69.5	35.0	7232.2	2432.0	1846.8	243.8	75.94
69.5	40.0	7176.4	2778.8	2201.4	292.9	79.22
69.5	45.0	7120.5	3125.3	2550.3	342.0	81.60
69.4	50.0	7064.7	3471.7	2893.4	391.1	83.34
69.4	55.0	7008.8	3817.8	3230.8	440.2	84.62
69.4	60.0	6953.0	4163.8	3562.5	489.3	85.56
69.4	65.0	6897.1	4509.7	3888.4	538.4	86.22
69.4	70.0	6841.2	4855.3	4208.6	587.4	86.68
69.3	75.0	6785.4	5200.8	4523.0	636.5	86.97
69.3	80.0	6729.5	5546.0	4831.7	685.6	87.12
69.3	85.0	6673.7	5891.1	5134.6	734.7	87.16
69.3	90.0	6617.8	6236.1	5431.8	783.8	87.10
69.3	95.0	6562.0	6580.8	5723.3	832.9	86.97
69.3	100.0	6506.1	6925.4	6009.0	882.0	86.77
69.2	105.0	6450.2	7269.8	6289.0	931.1	86.51
69.2	110.0	6394.4	7614.0	6563.2	980.1	86.20
69.2	115.0	6338.5	7958.0	6831.7	1029.2	85.85
69.2	120.0	6282.7	8301.8	7094.4	1078.3	85.46
69.2	125.0	6226.8	8645.5	7351.4	1127.4	85.03
69.1	130.0	6171.0	8989.0	7602.7	1176.5	84.58
69.1	135.0	6115.1	9332.3	7848.2	1225.6	84.10
69.1	140.0	6059.2	9675.4	8088.0	1274.7	83.59
69.1	145.0	6003.4	10018.4	8322.0	1323.7	83.07
69.1	150.0	5947.5	10361.1	8550.3	1372.8	82.52
69.1	155.0	5891.7	10703.7	8772.8	1421.9	81.96
69.0	160.0	5835.8	11046.1	8989.6	1471.0	81.38
69.0	165.0	5779.9	11388.4	9200.7	1520.1	80.79
69.0	170.0	5724.1	11730.4	9406.0	1569.2	80.18
69.0	175.0	5668.2	12072.3	9605.6	1618.3	79.57
69.0	180.0	5612.4	12414.0	9799.4	1667.3	78.94
68.9	185.0	5556.5	12755.5	9987.5	1716.4	78.30
68.9	190.0	5500.7	13096.8	10169.9	1765.5	77.65
68.9	195.0	5444.8	13438.0	10346.5	1814.6	76.99
68.9	200.0	5388.9	13779.0	10517.3	1863.7	76.33