



High End Elektromotoren

PLETTENBERG

NOVA 15/50/4 P42

Spannung: 40 V

$n_l=3497.4\text{U/min}$
 $n_s=89.6\text{U/min/V}$

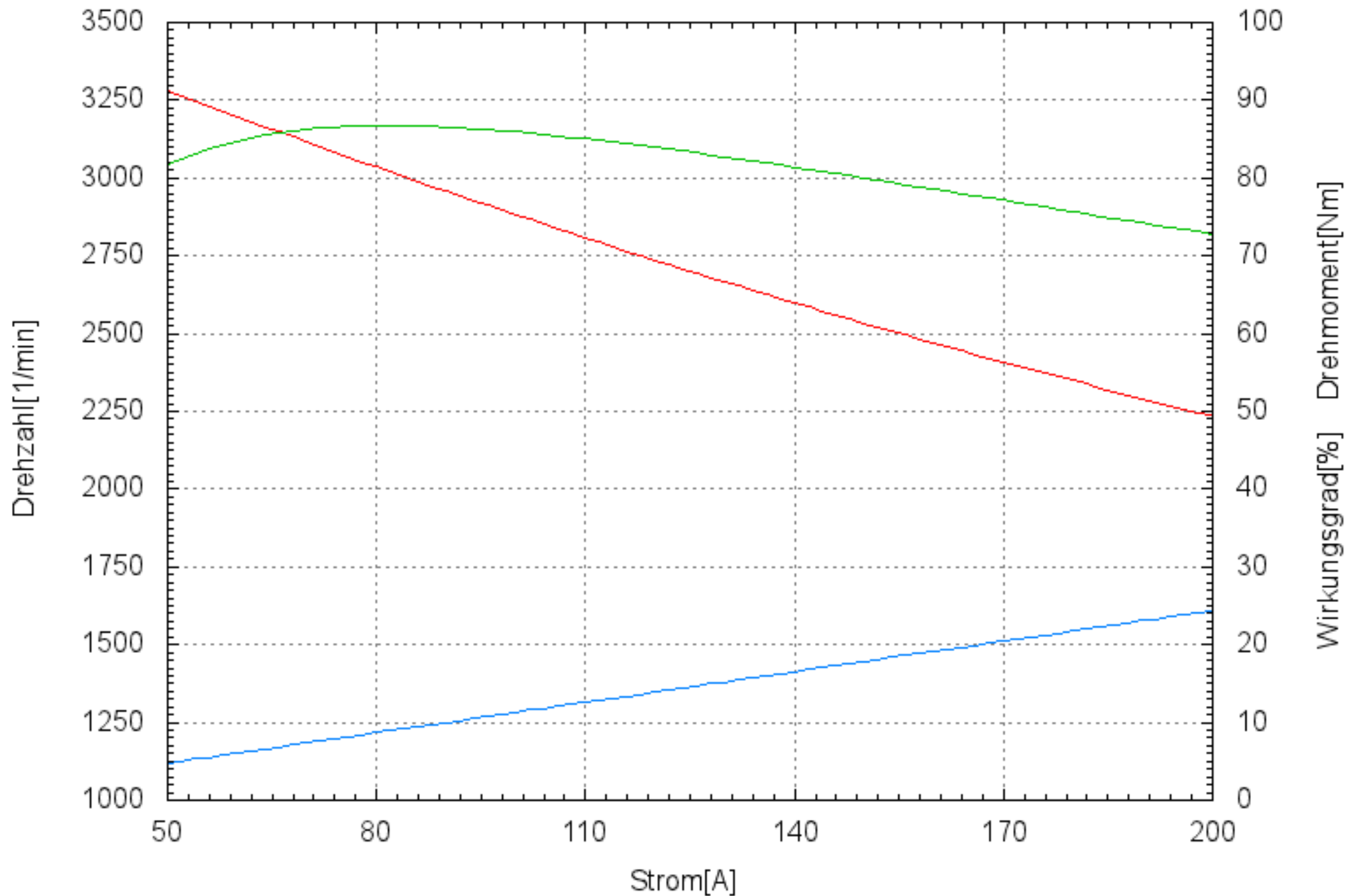
$I_o=4.0\text{A}$
 $k_n=-6.99\text{U/min/A}$

$k_M=13.10\text{Ncm/A}$

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
39.9	50.0	3281.7	1993.7	1629.3	474.1	81.72
39.9	52.0	3264.7	2073.0	1710.5	500.3	82.51
39.9	54.0	3247.8	2152.3	1790.7	526.5	83.20
39.8	56.0	3231.0	2231.5	1870.1	552.7	83.81
39.8	58.0	3214.3	2310.7	1948.6	578.9	84.33
39.8	60.0	3197.7	2389.8	2026.3	605.1	84.79
39.8	62.0	3181.1	2468.9	2103.0	631.3	85.18
39.8	64.0	3164.6	2548.0	2179.0	657.5	85.52
39.8	66.0	3148.2	2627.1	2254.0	683.7	85.80
39.8	68.0	3131.9	2706.1	2328.3	709.9	86.04
39.8	70.0	3115.7	2785.1	2401.7	736.1	86.24
39.8	72.0	3099.5	2864.0	2474.3	762.3	86.39
39.8	74.0	3083.5	2942.9	2546.1	788.5	86.52
39.8	76.0	3067.5	3021.8	2617.0	814.7	86.61
39.8	78.0	3051.6	3100.6	2687.2	840.9	86.67
39.7	80.0	3035.7	3179.4	2756.5	867.1	86.70
39.7	82.0	3020.0	3258.2	2825.1	893.3	86.71
39.7	84.0	3004.3	3336.9	2892.9	919.5	86.69
39.7	86.0	2988.8	3415.6	2959.9	945.7	86.66
39.7	88.0	2973.3	3494.3	3026.1	971.9	86.60
39.7	90.0	2957.9	3572.9	3091.5	998.1	86.53
39.7	92.0	2942.5	3651.5	3156.3	1024.3	86.44
39.7	94.0	2927.3	3730.0	3220.2	1050.5	86.33
39.7	96.0	2912.1	3808.6	3283.4	1076.7	86.21
39.7	98.0	2897.0	3887.1	3345.9	1102.9	86.08
39.7	100.0	2882.0	3965.5	3407.6	1129.1	85.93
39.6	102.0	2867.1	4043.9	3468.6	1155.3	85.77
39.6	104.0	2852.3	4122.3	3528.9	1181.5	85.61
39.6	106.0	2837.5	4200.6	3588.5	1207.7	85.43
39.6	108.0	2822.8	4279.0	3647.4	1233.9	85.24
39.6	110.0	2808.2	4357.2	3705.6	1260.1	85.04
39.6	112.0	2793.7	4435.5	3763.1	1286.3	84.84

39.6	114.0	2779.3	4513.7	3819.9	1312.5	84.63
39.6	116.0	2764.9	4591.8	3876.0	1338.7	84.41
39.6	118.0	2750.7	4670.0	3931.5	1364.9	84.19
39.6	120.0	2736.5	4748.1	3986.3	1391.1	83.96
39.6	122.0	2722.4	4826.1	4040.4	1417.3	83.72
39.5	124.0	2708.4	4904.2	4093.9	1443.5	83.48
39.5	126.0	2694.4	4982.2	4146.8	1469.7	83.23
39.5	128.0	2680.5	5060.1	4199.0	1495.9	82.98
39.5	130.0	2666.8	5138.1	4250.6	1522.1	82.73
39.5	132.0	2653.1	5215.9	4301.5	1548.3	82.47
39.5	134.0	2639.5	5293.8	4351.9	1574.5	82.21
39.5	136.0	2625.9	5371.6	4401.6	1600.7	81.94
39.5	138.0	2612.5	5449.4	4450.7	1626.9	81.67
39.5	140.0	2599.1	5527.1	4499.3	1653.1	81.40
39.5	142.0	2585.8	5604.9	4547.2	1679.3	81.13
39.5	144.0	2572.6	5682.5	4594.6	1705.5	80.85
39.5	146.0	2559.5	5760.2	4641.3	1731.6	80.58
39.4	148.0	2546.5	5837.8	4687.6	1757.8	80.30
39.4	150.0	2533.5	5915.4	4733.2	1784.0	80.02
39.4	152.0	2520.6	5992.9	4778.3	1810.2	79.73
39.4	154.0	2507.8	6070.4	4822.8	1836.4	79.45
39.4	156.0	2495.1	6147.9	4866.8	1862.6	79.16
39.4	158.0	2482.5	6225.3	4910.3	1888.8	78.88
39.4	160.0	2469.9	6302.7	4953.2	1915.0	78.59
39.4	162.0	2457.5	6380.1	4995.7	1941.2	78.30
39.4	164.0	2445.1	6457.4	5037.6	1967.4	78.01
39.4	166.0	2432.8	6534.7	5079.0	1993.6	77.72
39.4	168.0	2420.5	6611.9	5119.8	2019.8	77.43
39.3	170.0	2408.4	6689.2	5160.2	2046.0	77.14
39.3	172.0	2396.3	6766.4	5200.1	2072.2	76.85
39.3	174.0	2384.4	6843.5	5239.6	2098.4	76.56
39.3	176.0	2372.5	6920.6	5278.5	2124.6	76.27
39.3	178.0	2360.6	6997.7	5317.0	2150.8	75.98
39.3	180.0	2348.9	7074.8	5355.0	2177.0	75.69
39.3	182.0	2337.3	7151.8	5392.6	2203.2	75.40
39.3	184.0	2325.7	7228.7	5429.7	2229.4	75.11
39.3	186.0	2314.2	7305.7	5466.4	2255.6	74.82
39.3	188.0	2302.8	7382.6	5502.6	2281.8	74.53
39.3	190.0	2291.5	7459.5	5538.4	2308.0	74.25
39.3	192.0	2280.2	7536.3	5573.8	2334.2	73.96
39.2	194.0	2269.1	7613.1	5608.8	2360.4	73.67
39.2	196.0	2258.0	7689.9	5643.3	2386.6	73.39
39.2	198.0	2247.0	7766.6	5677.5	2412.8	73.10
39.2	200.0	2236.1	7843.3	5711.3	2439.0	72.82

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Drehzahl — Wirkungsgrad — Drehmoment