

HP 620/50/B12 P28

Spannung: 40 V

nl=2759.8U/min
ns=71.4U/min/VIo=4.7A
kn=-19.13U/min/A

kM=18.07Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
39.9	10.0	2684.4	399.0	271.7	96.6	68.08
39.9	11.0	2661.2	438.9	319.7	114.7	72.83
39.9	12.0	2638.2	478.8	366.8	132.8	76.61
39.9	13.0	2615.4	518.7	413.1	150.8	79.65
39.9	14.0	2592.8	558.5	458.6	168.9	82.11
39.9	15.0	2570.4	598.4	503.3	187.0	84.11
39.9	16.0	2548.3	638.3	547.2	205.0	85.73
39.9	17.0	2526.3	678.1	590.3	223.1	87.04
39.9	18.0	2504.6	718.0	632.6	241.2	88.10
39.9	19.0	2483.1	757.8	674.1	259.2	88.95
39.9	20.0	2461.7	797.7	714.9	277.3	89.62
39.9	21.0	2440.6	837.5	754.9	295.4	90.14
39.9	22.0	2419.7	877.4	794.3	313.4	90.53
39.9	23.0	2399.0	917.2	832.9	331.5	90.80
39.9	24.0	2378.6	957.0	870.8	349.6	90.98
39.9	25.0	2358.3	996.9	908.0	367.7	91.08
39.9	26.0	2338.2	1036.7	944.5	385.7	91.10
39.9	27.0	2318.4	1076.5	980.3	403.8	91.06
39.9	28.0	2298.8	1116.3	1015.5	421.9	90.97
39.9	29.0	2279.3	1156.2	1050.1	439.9	90.82
39.9	30.0	2260.1	1196.0	1084.0	458.0	90.63
39.9	31.0	2241.1	1235.8	1117.3	476.1	90.41
39.9	32.0	2222.3	1275.6	1149.9	494.1	90.15
39.9	33.0	2203.7	1315.4	1182.0	512.2	89.86
39.9	34.0	2185.4	1355.2	1213.5	530.3	89.55
39.9	35.0	2167.2	1395.0	1244.4	548.3	89.21
39.9	36.0	2149.2	1434.8	1274.8	566.4	88.85
39.9	37.0	2131.5	1474.5	1304.6	584.5	88.47
39.9	38.0	2114.0	1514.3	1333.8	602.5	88.08
39.8	39.0	2096.6	1554.1	1362.6	620.6	87.68
39.8	40.0	2079.5	1593.9	1390.8	638.7	87.26
39.8	41.0	2062.6	1633.6	1418.5	656.7	86.83
39.8	42.0	2045.9	1673.4	1445.8	674.8	86.40
39.8	43.0	2029.4	1713.2	1472.5	692.9	85.95
39.8	44.0	2013.2	1752.9	1498.8	710.9	85.50
39.8	45.0	1997.1	1792.7	1524.6	729.0	85.05
39.8	46.0	1981.3	1832.4	1550.0	747.1	84.59
39.8	47.0	1965.6	1872.2	1575.0	765.1	84.12
39.8	48.0	1950.2	1911.9	1599.5	783.2	83.66
39.8	49.0	1935.0	1951.7	1623.6	801.3	83.19
39.8	50.0	1920.0	1991.4	1647.4	819.3	82.72

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Spannung: 45 V

nl=3120.0U/min
ns=71.5U/min/VIo=4.7A
kn=-21.38U/min/A

kM=17.89Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
44.9	10.0	3032.6	449.1	301.1	94.8	67.06
44.9	11.0	3006.5	493.9	354.9	112.7	71.84
44.9	12.0	2980.6	538.8	407.6	130.6	75.66
44.9	13.0	2954.9	583.7	459.5	148.5	78.73
44.9	14.0	2929.5	628.5	510.4	166.4	81.21
44.9	15.0	2904.4	673.4	560.5	184.3	83.23
44.9	16.0	2879.5	718.2	609.6	202.2	84.88
44.9	17.0	2854.8	763.0	657.9	220.1	86.22
44.9	18.0	2830.4	807.9	705.3	237.9	87.30
44.9	19.0	2806.2	852.7	751.8	255.8	88.17
44.9	20.0	2782.3	897.5	797.5	273.7	88.86
44.9	21.0	2758.6	942.3	842.4	291.6	89.40
44.9	22.0	2735.1	987.1	886.5	309.5	89.80
44.9	23.0	2711.9	1031.9	929.8	327.4	90.10
44.9	24.0	2689.0	1076.7	972.3	345.3	90.30
44.9	25.0	2666.3	1121.5	1014.0	363.2	90.42
44.9	26.0	2643.8	1166.3	1055.0	381.1	90.46
44.9	27.0	2621.6	1211.1	1095.3	399.0	90.44
44.9	28.0	2599.6	1255.9	1134.8	416.8	90.36
44.8	29.0	2577.9	1300.6	1173.6	434.7	90.23
44.8	30.0	2556.4	1345.4	1211.7	452.6	90.07
44.8	31.0	2535.2	1390.1	1249.2	470.5	89.86
44.8	32.0	2514.2	1434.9	1285.9	488.4	89.62
44.8	33.0	2493.4	1479.6	1322.0	506.3	89.35
44.8	34.0	2472.9	1524.4	1357.5	524.2	89.05
44.8	35.0	2452.7	1569.1	1392.3	542.1	88.73
44.8	36.0	2432.7	1613.8	1426.5	560.0	88.39
44.8	37.0	2412.9	1658.5	1460.1	577.9	88.04
44.8	38.0	2393.4	1703.3	1493.2	595.8	87.67
44.8	39.0	2374.1	1748.0	1525.6	613.6	87.28
44.8	40.0	2355.1	1792.7	1557.5	631.5	86.88
44.8	41.0	2336.3	1837.4	1588.9	649.4	86.48
44.8	42.0	2317.8	1882.0	1619.7	667.3	86.06
44.8	43.0	2299.5	1926.7	1650.0	685.2	85.64
44.8	44.0	2281.4	1971.4	1679.8	703.1	85.21
44.8	45.0	2263.6	2016.1	1709.1	721.0	84.77
44.8	46.0	2246.0	2060.7	1737.9	738.9	84.33
44.8	47.0	2228.7	2105.4	1766.2	756.8	83.89
44.8	48.0	2211.7	2150.1	1794.1	774.7	83.45
44.8	49.0	2194.8	2194.7	1821.6	792.5	83.00
44.8	50.0	2178.2	2239.3	1848.7	810.4	82.55

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Spannung: 50 V

nl=3511.2U/min
ns=72.5U/min/VIo=4.8A
kn=-24.34U/min/A

kM=17.63Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
50.0	10.0	3420.1	499.9	329.0	91.9	65.81
50.0	11.0	3390.3	549.9	388.7	109.5	70.69
50.0	12.0	3360.9	599.9	447.4	127.1	74.58
50.0	13.0	3331.7	649.8	505.0	144.7	77.72
50.0	14.0	3302.8	699.8	561.6	162.4	80.26
50.0	15.0	3274.2	749.7	617.2	180.0	82.32
50.0	16.0	3245.9	799.6	671.7	197.6	84.00
50.0	17.0	3217.8	849.6	725.3	215.2	85.37
50.0	18.0	3190.0	899.5	777.9	232.9	86.49
50.0	19.0	3162.5	949.4	829.6	250.5	87.38
50.0	20.0	3135.3	999.3	880.3	268.1	88.09
50.0	21.0	3108.3	1049.3	930.1	285.8	88.65
50.0	22.0	3081.7	1099.2	979.0	303.4	89.07
50.0	23.0	3055.3	1149.1	1027.1	321.0	89.38
50.0	24.0	3029.2	1199.0	1074.2	338.6	89.59
50.0	25.0	3003.3	1248.9	1120.5	356.3	89.72
50.0	26.0	2977.7	1298.7	1165.9	373.9	89.77
49.9	27.0	2952.5	1348.6	1210.5	391.5	89.76
49.9	28.0	2927.5	1398.5	1254.3	409.1	89.69
49.9	29.0	2902.7	1448.4	1297.2	426.8	89.57
49.9	30.0	2878.3	1498.2	1339.4	444.4	89.40
49.9	31.0	2854.1	1548.1	1380.9	462.0	89.20
49.9	32.0	2830.2	1598.0	1421.6	479.6	88.96
49.9	33.0	2806.6	1647.8	1461.5	497.3	88.69
49.9	34.0	2783.2	1697.6	1500.7	514.9	88.40
49.9	35.0	2760.2	1747.5	1539.2	532.5	88.08
49.9	36.0	2737.4	1797.3	1577.0	550.1	87.74
49.9	37.0	2714.9	1847.2	1614.2	567.8	87.39
49.9	38.0	2692.6	1897.0	1650.7	585.4	87.02
49.9	39.0	2670.7	1946.8	1686.5	603.0	86.63
49.9	40.0	2649.0	1996.6	1721.7	620.7	86.23
49.9	41.0	2627.6	2046.4	1756.3	638.3	85.82
49.9	42.0	2606.5	2096.2	1790.3	655.9	85.41
49.9	43.0	2585.6	2146.0	1823.7	673.5	84.98
49.9	44.0	2565.1	2195.8	1856.5	691.2	84.55
49.9	45.0	2544.8	2245.6	1888.8	708.8	84.11
49.9	46.0	2524.8	2295.4	1920.6	726.4	83.67
49.9	47.0	2505.0	2345.2	1951.8	744.0	83.23
49.9	48.0	2485.6	2394.9	1982.5	761.7	82.78
49.9	49.0	2466.4	2444.7	2012.7	779.3	82.33
49.9	50.0	2447.5	2494.5	2042.5	796.9	81.88

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Spannung: 55 V

nl=3863.6U/min
ns=72.7U/min/VIo=4.9A
kn=-26.48U/min/A

kM=17.64Ncm/A

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
54.9	10.0	3763.6	549.0	353.6	89.7	64.41
54.9	11.0	3731.8	603.9	419.6	107.4	69.47
54.9	12.0	3700.4	658.8	484.4	125.0	73.52
54.9	13.0	3669.2	713.7	548.1	142.6	76.79
54.9	14.0	3638.2	768.6	610.6	160.3	79.44
54.9	15.0	3607.6	823.5	672.1	177.9	81.61
54.9	16.0	3577.2	878.4	732.5	195.5	83.39
54.9	17.0	3547.1	933.3	791.9	213.2	84.84
54.9	18.0	3517.2	988.2	850.2	230.8	86.03
54.9	19.0	3487.7	1043.1	907.4	248.5	86.99
54.9	20.0	3458.4	1098.0	963.7	266.1	87.76
54.9	21.0	3429.3	1152.9	1018.9	283.7	88.38
54.9	22.0	3400.6	1207.8	1073.2	301.4	88.85
54.9	23.0	3372.1	1262.7	1126.4	319.0	89.21
54.9	24.0	3343.8	1317.6	1178.8	336.6	89.46
54.9	25.0	3315.9	1372.5	1230.2	354.3	89.63
54.9	26.0	3288.2	1427.4	1280.6	371.9	89.72
54.9	27.0	3260.8	1482.3	1330.2	389.5	89.74
54.9	28.0	3233.6	1537.2	1378.8	407.2	89.70
54.9	29.0	3206.8	1592.0	1426.6	424.8	89.61
54.9	30.0	3180.2	1646.9	1473.5	442.5	89.47
54.9	31.0	3153.8	1701.8	1519.5	460.1	89.29
54.9	32.0	3127.8	1756.7	1564.7	477.7	89.07
54.9	33.0	3102.0	1811.6	1609.1	495.4	88.82
54.9	34.0	3076.5	1866.5	1652.7	513.0	88.55
54.9	35.0	3051.2	1921.4	1695.5	530.6	88.24
54.9	36.0	3026.2	1976.2	1737.5	548.3	87.92
54.9	37.0	3001.5	2031.1	1778.7	565.9	87.57
54.9	38.0	2977.1	2086.0	1819.2	583.5	87.21
54.9	39.0	2952.9	2140.9	1859.0	601.2	86.83
54.9	40.0	2929.0	2195.8	1898.1	618.8	86.44
54.9	41.0	2905.4	2250.6	1936.4	636.4	86.04
54.9	42.0	2882.0	2305.5	1974.1	654.1	85.62
54.9	43.0	2858.9	2360.4	2011.1	671.7	85.20
54.9	44.0	2836.1	2415.3	2047.4	689.4	84.77
54.9	45.0	2813.6	2470.2	2083.1	707.0	84.33
54.9	46.0	2791.3	2525.0	2118.1	724.6	83.89
54.9	47.0	2769.3	2579.9	2152.6	742.3	83.44
54.9	48.0	2747.6	2634.8	2186.4	759.9	82.98
54.9	49.0	2726.1	2689.7	2219.7	777.5	82.53
54.9	50.0	2704.9	2744.5	2252.4	795.2	82.07