PLETTENBERG
High End Elektromotoren-Manufaktur

HP 620/40/A2 S P12

Spannung: 25 V

nl=5628.4U/min **lo=6A**
ns=227.2U/min/V **kn=-8.61U/min/A** **kM=4.63Ncm/A**

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
24,9	30.0	5421.7	747.0	630.7	111.1	84.44
24,9	34.0	5387.3	846.2	731.2	129.6	86.41
24,9	38.0	5352.8	945.2	830.3	148.1	87.85
24,9	42.0	5318.4	1044.1	928.1	166.6	88.89
24,8	46.0	5283.9	1143.0	1024.5	185.2	89.64
24,8	50.0	5249.4	1241.7	1119.7	203.7	90.17
24,8	54.0	5215.0	1340.3	1213.4	222.2	90.53
24,8	58.0	5180.5	1438.8	1305.9	240.7	90.76
24,8	62.0	5146.1	1537.2	1397.0	259.2	90.88
24,8	66.0	5111.6	1635.5	1486.7	277.7	90.90
24,8	70.0	5077.2	1733.7	1575.2	296.3	90.85
24,8	74.0	5042.7	1831.8	1662.2	314.8	90.74
24,7	78.0	5008.3	1929.8	1748.0	333.3	90.58
24,7	82.0	4973.8	2027.6	1832.4	351.8	90.37
24,7	86.0	4939.3	2125.4	1915.5	370.3	90.12
24,7	90.0	4904.9	2223.1	1997.3	388.8	89.84
24,7	94.0	4870.4	2320.6	2077.7	407.4	89.53
24,7	98.0	4836.0	2418.0	2156.7	425.9	89.19
24,7	102.0	4801.5	2515.4	2234.5	444.4	88.83
24,6	106.0	4767.1	2612.6	2310.9	462.9	88.45
24,6	110.0	4732.6	2709.7	2385.9	481.4	88.05
24,6	114.0	4698.2	2806.8	2459.7	499.9	87.63
24,6	118.0	4663.7	2903.7	2532.1	518.5	87.20
24,6	122.0	4629.2	3000.5	2603.1	537.0	86.76
24,6	126.0	4594.8	3097.2	2672.8	555.5	86.30
24,6	130.0	4560.3	3193.8	2741.2	574.0	85.83
24,6	134.0	4525.9	3290.2	2808.3	592.5	85.35
24,5	138.0	4491.4	3386.6	2874.0	611.0	84.86
24,5	142.0	4457.0	3482.9	2938.4	629.6	84.37
24,5	146.0	4422.5	3579.0	3001.4	648.1	83.86
24,5	150.0	4388.0	3675.1	3063.1	666.6	83.35
24,5	154.0	4353.6	3771.0	3123.5	685.1	82.83
24,5	158.0	4319.1	3866.9	3182.5	703.6	82.30
24,5	162.0	4284.7	3962.6	3240.2	722.1	81.77
24,4	166.0	4250.2	4058.3	3296.6	740.7	81.23
24,4	170.0	4215.8	4153.8	3351.6	759.2	80.69
24,4	174.0	4181.3	4249.2	3405.3	777.7	80.14
24,4	178.0	4146.9	4344.5	3457.6	796.2	79.59
24,4	182.0	4112.4	4439.7	3508.6	814.7	79.03
24,4	186.0	4077.9	4534.8	3558.3	833.2	78.47
24,4	190.0	4043.5	4629.8	3606.6	851.8	77.90
24,4	194.0	4009.0	4724.7	3653.6	870.3	77.33
24,3	198.0	3974.6	4819.5	3699.3	888.8	76.76

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HP 620/40/A2 S P12

Spannung: 40 V

nl=8929.2U/min **lo=5.8A**
ns=223.9U/min/V **kn=-11.69U/min/A** **kM=4.55Ncm/A**

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
40.1	20.0	8763.0	802.2	593.3	64.6	73.96
40.1	25.0	8704.5	1002.3	796.6	87.4	79.48
40.1	30.0	8646.1	1202.3	997.2	110.1	82.94
40.1	35.0	8587.6	1402.1	1194.9	132.9	85.23
40.0	40.0	8529.2	1601.7	1389.9	155.6	86.78
40.0	45.0	8470.7	1801.2	1582.1	178.4	87.84
40.0	50.0	8412.3	2000.5	1771.5	201.1	88.55
40.0	55.0	8353.8	2199.7	1958.2	223.8	89.02
40.0	60.0	8295.4	2398.6	2142.0	246.6	89.30
40.0	65.0	8236.9	2597.5	2323.1	269.3	89.44
39.9	70.0	8178.5	2796.1	2501.4	292.1	89.46
39.9	75.0	8120.0	2994.6	2676.9	314.8	89.39
39.9	80.0	8061.6	3192.9	2849.6	337.5	89.25
39.9	85.0	8003.1	3391.1	3019.5	360.3	89.04
39.9	90.0	7944.7	3589.1	3186.7	383.0	88.79
39.9	95.0	7886.3	3786.9	3351.1	405.8	88.49
39.8	100.0	7827.8	3984.6	3512.6	428.5	88.16
39.8	105.0	7769.4	4182.1	3671.4	451.3	87.79
39.8	110.0	7710.9	4379.4	3827.5	474.0	87.40
39.8	115.0	7652.5	4576.6	3980.7	496.7	86.98
39.8	120.0	7594.0	4773.6	4131.1	519.5	86.54
39.8	125.0	7535.6	4970.5	4278.8	542.2	86.08
39.7	130.0	7477.1	5167.1	4423.7	565.0	85.61
39.7	135.0	7418.7	5363.7	4565.8	587.7	85.12
39.7	140.0	7360.2	5560.0	4705.1	610.4	84.62
39.7	145.0	7301.8	5756.2	4841.6	633.2	84.11
39.7	150.0	7243.3	5952.2	4975.3	655.9	83.59
39.7	155.0	7184.9	6148.1	5106.3	678.7	83.06
39.6	160.0	7126.4	6343.8	5234.5	701.4	82.51
39.6	165.0	7068.0	6539.3	5359.9	724.2	81.96
39.6	170.0	7009.5	6734.7	5482.5	746.9	81.41
39.6	175.0	6951.1	6929.9	5602.3	769.6	80.84
39.6	180.0	6892.6	7124.9	5719.3	792.4	80.27

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HP 620/40/A2 S P12

Spannung: 45 V

nl=9977.1U/min **lo=7.3A**
ns=223.3U/min/V **kn=-12.5U/min/A** **kM=4.65Ncm/A**

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Drehmoment [Ncm]	Wirkungsgrad [%]
45.0	20.0	9818.4	900.6	607.2	59.1	67.43
45.0	25.0	9755.9	1125.3	841.0	82.3	74.74
45.0	30.0	9693.5	1349.8	1071.8	105.6	79.40
45.0	35.0	9631.0	1574.2	1299.5	128.9	82.55
45.0	40.0	9568.5	1798.4	1524.2	152.1	84.75
44.9	45.0	9506.0	2022.4	1745.8	175.4	86.32
44.9	50.0	9443.5	2246.3	1964.4	198.6	87.45
44.9	55.0	9381.0	2470.0	2179.9	221.9	88.26
44.9	60.0	9318.6	2693.5	2392.4	245.2	88.82
44.9	65.0	9256.1	2916.9	2601.9	268.4	89.20
44.9	70.0	9193.6	3140.1	2808.3	291.7	89.43
44.8	75.0	9131.1	3363.1	3011.7	315.0	89.55
44.8	80.0	9068.6	3585.9	3212.0	338.2	89.57
44.8	85.0	9006.1	3808.6	3409.3	361.5	89.52
44.8	90.0	8943.6	4031.1	3603.5	384.8	89.39
44.8	95.0	8881.2	4253.4	3794.7	408.0	89.21
44.8	100.0	8818.7	4475.6	3982.8	431.3	88.99
44.7	105.0	8756.2	4697.6	4167.9	454.5	88.72
44.7	110.0	8693.7	4919.4	4350.0	477.8	88.42
44.7	115.0	8631.2	5141.0	4529.0	501.1	88.09
44.7	120.0	8568.7	5362.5	4704.9	524.3	87.74
44.7	125.0	8506.3	5583.8	4877.8	547.6	87.36
44.7	130.0	8443.8	5804.9	5047.7	570.9	86.96
44.6	135.0	8381.3	6025.9	5214.5	594.1	86.54
44.6	140.0	8318.8	6246.7	5378.3	617.4	86.10
44.6	145.0	8256.3	6467.3	5539.1	640.7	85.65
44.6	150.0	8193.8	6687.8	5696.8	663.9	85.18
44.6	155.0	8131.3	6908.1	5851.4	687.2	84.70
44.6	160.0	8068.9	7128.2	6003.0	710.4	84.22
44.5	165.0	8006.4	7348.1	6151.6	733.7	83.72
44.5	170.0	7943.9	7567.9	6297.1	757.0	83.21
44.5	175.0	7881.4	7787.5	6439.6	780.2	82.69
44.5	180.0	7818.9	8006.9	6579.0	803.5	82.17