

Bezeichnung : **HP 370/40/A2 S**  
 Seriennummer : 1003  
 Prüfnummer : 141004  
 Besonderes : future 32.55



Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
21.5	10.0	10399.0	214.5	169.0	78.77	15.5	26.0
21.5	10.9	10346.0	233.6	187.1	80.09	17.3	26.0
21.4	12.0	10286.0	257.1	210.2	81.74	19.5	26.0
21.4	13.0	10231.0	278.7	230.9	82.85	21.6	26.0
21.4	13.9	10183.0	297.5	248.8	83.62	23.3	26.0
21.3	15.1	10125.0	321.2	271.6	84.56	25.6	26.0
21.3	16.0	10077.0	340.3	289.9	85.17	27.5	26.0
21.3	17.0	10025.0	361.5	309.3	85.55	29.5	26.0
21.2	18.1	9970.0	384.5	330.8	86.03	31.7	26.0
21.2	19.1	9922.0	404.9	349.6	86.35	33.6	26.0
21.2	19.9	9882.0	421.3	364.8	86.60	35.3	26.0
21.1	21.0	9831.0	443.6	385.1	86.80	37.4	26.0
21.1	22.1	9784.0	465.1	404.6	86.99	39.5	26.0
21.1	23.2	9726.0	487.8	425.3	87.19	41.8	26.0
21.0	23.7	9699.0	499.3	435.6	87.24	42.9	26.0
21.0	25.1	9635.0	527.2	460.8	87.41	45.7	26.0
21.0	26.2	9580.0	549.4	480.6	87.47	47.9	26.0
20.9	27.1	9536.0	567.6	496.1	87.41	49.7	26.0
20.9	28.2	9483.0	590.4	516.2	87.44	52.0	26.0
20.9	29.2	9435.0	609.8	533.2	87.43	54.0	26.0
20.9	30.1	9391.0	628.0	548.9	87.40	55.8	26.0
20.8	30.8	9357.0	641.3	559.6	87.25	57.1	26.0
20.8	31.9	9302.0	664.0	579.2	87.23	59.5	26.0
20.8	33.2	9244.0	688.7	600.3	87.17	62.0	26.0
20.7	34.2	9195.0	708.7	617.3	87.10	64.1	26.0
20.7	34.8	9164.0	720.6	626.8	86.98	65.3	26.0
20.7	36.0	9106.0	744.7	646.8	86.85	67.8	26.0
20.7	37.0	9058.0	764.1	662.6	86.71	69.9	26.0
20.6	38.3	8997.0	789.2	682.8	86.51	72.5	26.0
20.6	39.0	8958.0	804.4	695.2	86.43	74.1	26.0
20.6	40.3	8899.0	828.8	714.4	86.20	76.7	26.0
20.6	40.7	8877.0	836.4	720.2	86.11	77.5	26.0
20.5	42.5	8793.0	871.5	747.8	85.81	81.2	26.0
20.5	42.8	8773.0	876.8	751.2	85.68	81.8	26.0
20.5	44.3	8703.0	905.4	773.2	85.40	84.8	26.0
20.4	45.2	8659.0	922.6	786.3	85.22	86.7	26.0
20.4	46.1	8610.0	941.4	799.6	84.94	88.7	26.0
20.4	47.3	8553.0	963.5	816.1	84.70	91.1	26.0
20.3	48.2	8507.0	980.9	828.3	84.44	93.0	26.0
20.3	49.2	8458.0	999.3	841.4	84.20	95.0	26.0
20.3	50.2	8407.0	1018.2	854.7	83.94	97.1	26.0
20.3	51.2	8357.0	1036.4	866.9	83.64	99.1	26.0
20.2	52.2	8307.0	1055.0	879.3	83.34	101.1	26.0
20.2	53.2	8255.0	1074.1	891.9	83.04	103.2	26.0
20.2	54.1	8208.0	1091.5	902.3	82.67	105.0	26.0
20.1	55.4	8146.0	1114.8	917.0	82.25	107.5	26.0
20.1	55.6	8127.0	1119.8	919.6	82.12	108.0	26.0
20.1	57.3	8043.0	1150.9	939.3	81.61	111.5	26.0
20.1	58.3	7999.0	1170.1	948.3	81.04	113.2	26.0
20.0	59.2	7943.0	1186.5	960.0	80.91	115.4	26.0

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Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
22.9	10.0	11067.0	229.8	186.9	81.34	16.1	26.0
22.8	10.9	11013.0	249.9	207.2	82.90	18.0	26.0
22.8	11.9	10960.0	271.4	227.7	83.89	19.8	26.0
22.8	13.0	10899.0	296.4	252.0	85.03	22.1	26.0
22.7	14.0	10844.0	319.0	273.9	85.85	24.1	26.0
22.7	15.1	10788.0	341.6	295.3	86.43	26.1	26.0
22.6	16.1	10733.0	364.6	317.1	86.97	28.2	26.0
22.6	17.0	10684.0	385.3	336.7	87.39	30.1	26.0
22.6	18.1	10630.0	407.5	357.6	87.75	32.1	26.0
22.5	19.1	10577.0	430.3	378.9	88.05	34.2	26.0
22.5	20.1	10524.0	452.4	399.1	88.22	36.2	26.0
22.5	21.1	10470.0	475.3	420.2	88.41	38.3	26.0
22.4	22.1	10422.0	496.0	438.9	88.48	40.2	26.0
22.4	23.2	10368.0	519.2	460.0	88.61	42.4	26.0
22.4	24.1	10317.0	540.4	479.2	88.67	44.4	26.0
22.3	25.1	10267.0	561.8	498.4	88.72	46.4	26.0
22.3	26.1	10216.0	583.3	517.6	88.75	48.4	26.0
22.3	27.2	10163.0	606.2	537.9	88.74	50.5	26.0
22.2	28.2	10113.0	627.3	556.6	88.73	52.6	26.0
22.2	29.3	10059.0	650.0	576.2	88.64	54.7	26.0
22.2	30.1	10015.0	668.5	592.9	88.69	56.5	26.0
22.2	31.3	9959.0	692.9	613.1	88.48	58.8	26.0
22.1	32.2	9913.0	712.5	630.1	88.43	60.7	26.0
22.1	33.1	9870.0	730.6	645.6	88.36	62.5	26.0
22.1	33.7	9838.0	743.4	656.1	88.26	63.7	26.0
22.0	34.8	9789.0	766.3	675.0	88.08	65.8	26.0
22.0	36.2	9715.0	796.5	700.0	87.89	68.8	26.0
22.0	36.7	9689.0	806.4	708.0	87.80	69.8	26.0
21.9	38.0	9625.0	834.2	731.2	87.65	72.5	26.0
21.9	39.3	9561.0	860.8	752.7	87.45	75.2	26.0
21.9	40.3	9512.0	880.6	768.9	87.32	77.2	26.0
21.8	41.1	9468.0	898.5	781.1	86.93	78.8	26.0
21.8	42.2	9414.0	920.4	798.9	86.80	81.0	26.0
21.8	43.2	9362.0	941.7	816.3	86.69	83.3	26.0
21.8	44.4	9306.0	964.6	834.2	86.48	85.6	26.0
21.7	45.1	9264.0	980.2	846.2	86.33	87.2	26.0
21.7	45.7	9235.0	991.7	854.6	86.17	88.4	26.0
21.7	46.4	9195.0	1005.5	863.8	85.91	89.7	26.0
21.6	47.9	9121.0	1036.7	887.5	85.60	92.9	26.0
21.6	48.6	9082.0	1050.7	896.8	85.36	94.3	26.0
21.6	50.5	8991.0	1088.6	924.7	84.94	98.2	26.0
21.6	50.7	8974.0	1093.0	926.9	84.80	98.6	26.0
21.5	51.6	8927.0	1111.1	939.5	84.55	100.5	26.0
21.5	53.4	8840.0	1146.3	964.2	84.12	104.2	26.0
21.5	53.6	8823.0	1149.9	966.0	84.01	104.6	26.0
21.4	55.3	8737.0	1184.7	989.8	83.54	108.2	26.0
21.4	55.7	8710.0	1192.8	994.6	83.38	109.0	26.0
21.4	57.3	8632.0	1223.3	1014.0	82.89	112.2	26.0
21.3	57.7	8606.0	1230.7	1018.0	82.72	113.0	26.0
21.3	59.4	8519.0	1264.9	1038.8	82.13	116.4	26.0

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25.3	9.9	12209.0	251.2	191.6	76.28	15.0	26.0
25.2	11.0	12146.0	276.9	216.7	78.26	17.0	26.0
25.2	11.9	12091.0	299.6	239.2	79.82	18.9	26.0
25.1	13.1	12021.0	329.7	268.6	81.47	21.3	26.0
25.1	14.1	11967.0	352.5	290.8	82.51	23.2	26.0
25.0	15.0	11912.0	376.0	313.2	83.30	25.1	26.0
25.0	16.1	11852.0	402.1	338.4	84.16	27.3	26.0
25.0	17.1	11795.0	426.9	361.2	84.61	29.2	26.0
24.9	18.0	11745.0	449.3	382.4	85.12	31.1	26.0
24.9	19.1	11688.0	474.5	406.3	85.62	33.2	26.0
24.9	20.1	11634.0	498.9	429.1	86.01	35.2	26.0
24.8	21.0	11586.0	520.6	449.6	86.36	37.1	26.0
24.8	22.2	11521.0	550.0	476.9	86.72	39.5	26.0
24.8	23.1	11474.0	570.8	496.0	86.90	41.3	26.0
24.7	24.0	11422.0	594.2	516.7	86.95	43.2	26.0
24.7	25.1	11363.0	620.5	541.5	87.26	45.5	26.0
24.6	26.1	11310.0	644.5	562.5	87.28	47.5	26.0
24.6	27.1	11260.0	667.3	583.5	87.45	49.5	26.0
24.6	28.2	11201.0	694.1	606.8	87.42	51.7	26.0
24.5	29.1	11156.0	713.9	625.0	87.54	53.5	26.0
24.5	30.2	11099.0	739.8	647.3	87.50	55.7	26.0
24.5	31.2	11046.0	764.2	669.1	87.55	57.8	26.0
24.4	32.2	10994.0	787.2	688.4	87.45	59.8	26.0
24.4	33.2	10940.0	811.2	709.8	87.49	62.0	26.0
24.4	34.1	10893.0	831.5	727.3	87.47	63.8	26.0
24.3	35.2	10836.0	857.7	749.1	87.33	66.0	26.0
24.3	36.1	10787.0	879.0	767.4	87.30	67.9	26.0
24.3	37.2	10730.0	904.5	788.7	87.20	70.2	26.0
24.2	38.2	10678.0	927.1	807.7	87.12	72.2	26.0
24.2	39.2	10626.0	949.5	826.6	87.05	74.3	26.0
24.2	40.3	10568.0	975.5	847.3	86.86	76.6	26.0
24.1	41.4	10514.0	999.0	866.6	86.75	78.7	26.0
24.1	42.0	10476.0	1014.4	879.0	86.65	80.1	26.0
24.1	43.2	10416.0	1040.8	899.9	86.46	82.5	26.0
24.1	43.7	10387.0	1051.8	907.8	86.31	83.5	26.0
24.0	45.5	10299.0	1091.6	939.3	86.05	87.1	26.0
24.0	45.8	10275.0	1100.2	947.1	86.09	88.0	26.0
24.0	47.3	10200.0	1132.7	972.9	85.89	91.1	26.0
23.9	48.3	10146.0	1155.3	989.3	85.63	93.1	26.0
23.9	48.8	10119.0	1165.4	994.4	85.32	93.8	26.0
23.9	50.4	10035.0	1202.0	1022.4	85.06	97.3	26.0
23.8	50.7	10012.0	1209.5	1027.9	84.99	98.0	26.0
23.8	52.3	9933.0	1244.1	1053.0	84.64	101.2	26.0
23.8	53.2	9883.0	1263.6	1066.6	84.40	103.1	26.0
23.7	54.5	9819.0	1292.4	1086.9	84.11	105.7	26.0
23.7	55.4	9767.0	1312.8	1100.6	83.84	107.6	26.0
23.7	56.2	9719.0	1331.3	1113.0	83.60	109.4	26.0
23.6	57.4	9659.0	1355.8	1129.1	83.28	111.6	26.0
23.6	57.7	9636.0	1362.0	1132.2	83.13	112.2	26.0
23.6	59.4	9545.0	1399.7	1157.2	82.68	115.8	26.0

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27.8	10.0	13400.0	277.8	203.2	73.16	14.5	26.0
27.7	11.0	13334.0	306.1	230.1	75.15	16.5	26.0
27.7	12.0	13277.0	331.1	255.8	77.25	18.4	26.0
27.6	12.9	13217.0	357.6	282.2	78.91	20.4	26.0
27.6	13.9	13157.0	384.9	308.4	80.11	22.4	26.0
27.5	14.9	13100.0	410.2	333.2	81.23	24.3	26.0
27.5	15.9	13042.0	436.8	359.1	82.21	26.3	26.0
27.5	16.9	12984.0	463.6	385.6	83.16	28.4	26.0
27.4	17.9	12925.0	490.9	411.6	83.84	30.4	26.0
27.4	19.0	12863.0	520.0	438.7	84.36	32.6	26.0
27.3	20.0	12804.0	548.0	465.5	84.95	34.7	26.0
27.3	21.1	12747.0	574.7	491.0	85.42	36.8	26.0
27.3	22.1	12689.0	602.0	516.0	85.71	38.8	26.0
27.2	23.1	12632.0	629.2	541.9	86.13	41.0	26.0
27.2	24.0	12580.0	653.7	564.0	86.29	42.8	26.0
27.2	25.1	12523.0	680.5	588.9	86.54	44.9	26.0
27.1	26.0	12469.0	706.1	612.2	86.70	46.9	26.0
27.1	27.0	12414.0	732.3	636.6	86.94	49.0	26.0
27.0	28.1	12354.0	760.1	661.8	87.07	51.2	26.0
27.0	29.1	12298.0	787.2	686.2	87.17	53.3	26.0
27.0	30.2	12242.0	813.9	710.1	87.25	55.4	26.0
26.9	31.2	12187.0	840.0	733.0	87.26	57.4	26.0
26.9	32.1	12138.0	863.5	754.1	87.34	59.3	26.0
26.9	33.3	12073.0	894.1	780.6	87.30	61.7	26.0
26.8	34.1	12025.0	916.1	799.8	87.31	63.5	26.0
26.8	35.1	11974.0	939.8	820.5	87.30	65.4	26.0
26.8	36.2	11913.0	968.7	845.8	87.31	67.8	26.0
26.7	37.2	11860.0	993.4	866.5	87.22	69.8	26.0
26.7	38.4	11796.0	1023.1	891.6	87.15	72.2	26.0
26.6	39.2	11747.0	1045.4	910.1	87.06	74.0	26.0
26.6	40.2	11695.0	1069.4	931.0	87.06	76.0	26.0
26.6	41.3	11636.0	1096.5	952.3	86.85	78.2	26.0
26.5	42.2	11585.0	1119.5	972.5	86.86	80.2	26.0
26.5	43.3	11526.0	1146.6	994.2	86.71	82.4	26.0
26.5	44.1	11478.0	1167.5	1010.8	86.58	84.1	26.0
26.4	45.1	11422.0	1193.0	1031.1	86.43	86.2	26.0
26.4	46.2	11364.0	1219.5	1052.8	86.33	88.5	26.0
26.4	46.6	11336.0	1230.5	1060.4	86.18	89.3	26.0
26.3	48.3	11249.0	1271.0	1092.0	85.92	92.7	26.0
26.3	48.6	11225.0	1279.6	1098.3	85.83	93.4	26.0
26.3	50.2	11138.0	1319.1	1129.4	85.61	96.8	26.0
26.2	51.2	11083.0	1342.8	1146.8	85.40	98.8	26.0
26.2	52.3	11024.0	1368.7	1167.5	85.30	101.1	26.0
26.2	52.7	10994.0	1379.5	1175.8	85.24	102.1	26.0
26.1	54.3	10909.0	1418.9	1206.0	84.99	105.6	26.0
26.1	54.6	10885.0	1426.3	1210.1	84.84	106.2	26.0
26.0	56.5	10788.0	1470.7	1240.6	84.35	109.8	26.0
26.0	56.8	10764.0	1478.3	1244.2	84.16	110.4	26.0
26.0	58.4	10676.0	1516.5	1271.0	83.81	113.7	26.0
26.0	58.7	10651.0	1524.7	1275.8	83.68	114.4	26.0

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Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
28.8	15.2	13725.0	436.6	363.9	83.35	25.3	26.0
28.7	15.9	13671.0	457.1	383.6	83.93	26.8	26.0
28.7	17.0	13599.0	487.4	413.2	84.78	29.0	26.0
28.6	18.0	13535.0	515.5	440.0	85.36	31.0	26.0
28.6	19.0	13472.0	543.7	466.1	85.71	33.0	26.0
28.5	20.1	13408.0	572.8	493.7	86.18	35.2	26.0
28.5	21.1	13350.0	599.4	518.5	86.52	37.1	26.0
28.4	22.0	13293.0	626.4	543.7	86.81	39.1	26.0
28.4	23.1	13231.0	654.7	569.8	87.03	41.1	26.0
28.4	24.1	13171.0	683.5	596.3	87.25	43.2	26.0
28.3	25.1	13116.0	709.2	620.2	87.45	45.2	26.0
28.3	26.1	13053.0	739.3	647.6	87.59	47.4	26.0
28.2	27.1	13000.0	764.1	670.6	87.76	49.3	26.0
28.2	28.0	12944.0	790.2	694.1	87.84	51.2	26.0
28.2	29.1	12891.0	819.5	720.2	87.89	53.4	26.0
28.1	30.3	12818.0	850.9	748.8	88.01	55.8	26.0
28.1	30.8	12787.0	864.8	761.2	88.02	56.8	26.0
28.0	32.2	12709.0	902.0	793.7	88.00	59.6	26.0
28.0	33.2	12652.0	929.4	817.4	87.95	61.7	26.0
28.0	34.2	12593.0	957.0	841.7	87.96	63.8	26.0
27.9	35.1	12542.0	981.2	862.9	87.94	65.7	26.0
27.9	36.2	12480.0	1010.0	887.6	87.89	67.9	26.0
27.9	37.2	12425.0	1036.0	910.1	87.85	69.9	26.0
27.8	38.1	12370.0	1061.4	931.9	87.80	71.9	26.0
27.8	39.1	12313.0	1087.0	953.6	87.73	74.0	26.0
27.8	40.2	12255.0	1115.0	976.8	87.61	76.1	26.0
27.7	41.2	12198.0	1141.5	998.5	87.47	78.2	26.0
27.7	42.2	12139.0	1168.5	1021.0	87.38	80.3	26.0
27.6	43.2	12085.0	1193.6	1041.8	87.28	82.3	26.0
27.6	44.2	12023.0	1221.2	1064.4	87.16	84.5	26.0
27.6	44.7	11996.0	1232.5	1072.7	87.04	85.4	26.0
27.5	46.3	11905.0	1274.9	1107.4	86.86	88.8	26.0
27.5	47.2	11851.0	1298.7	1126.6	86.75	90.8	26.0
27.5	48.2	11796.0	1323.7	1144.5	86.46	92.7	26.0
27.4	49.2	11735.0	1350.7	1165.3	86.27	94.8	26.0
27.4	49.6	11709.0	1360.8	1173.1	86.21	95.7	26.0
27.4	51.4	11611.0	1406.9	1207.5	85.83	99.3	26.0
27.3	51.7	11593.0	1412.5	1211.1	85.74	99.8	26.0
27.3	53.4	11495.0	1457.1	1245.2	85.46	103.4	26.0
27.3	53.8	11471.0	1465.8	1250.9	85.34	104.1	26.0
27.2	55.4	11381.0	1507.0	1280.3	84.96	107.4	26.0
27.2	55.6	11359.0	1513.2	1283.8	84.84	107.9	26.0
27.1	57.4	11264.0	1556.9	1315.3	84.48	111.5	26.0
27.1	57.6	11241.0	1563.6	1319.1	84.36	112.1	26.0
27.1	59.3	11145.0	1606.3	1348.4	83.95	115.5	26.0
27.1	59.6	11120.0	1613.6	1359.8	84.27	116.8	26.0
27.0	61.3	11024.0	1655.9	1386.7	83.75	120.1	26.0
27.0	61.6	11001.0	1661.6	1389.8	83.64	120.6	26.0
26.9	63.3	10903.0	1704.4	1416.4	83.11	124.1	26.0
26.9	64.2	10844.0	1727.2	1429.3	82.75	125.9	26.0

Bezeichnung : **HP 370/40/A2 S**  
 Seriennummer : 1003  
 Prüfnummer : 141004  
 Besonderes : future 32.55



Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
30.1	15.1	14376.0	454.8	366.7	80.63	24.4	26.0
30.0	16.0	14315.0	479.5	391.4	81.63	26.1	26.0
30.0	17.0	14244.0	510.1	421.4	82.61	28.2	26.0
29.9	17.9	14188.0	535.9	446.1	83.23	30.0	26.0
29.9	19.0	14117.0	568.2	477.0	83.95	32.3	26.0
29.8	20.0	14054.0	597.8	502.4	84.05	34.1	26.0
29.8	21.0	13994.0	625.5	527.7	84.36	36.0	26.0
29.8	22.0	13931.0	655.3	555.6	84.79	38.1	26.0
29.7	23.0	13870.0	684.7	583.4	85.20	40.2	26.0
29.7	24.1	13808.0	714.6	612.7	85.74	42.4	26.0
29.6	25.1	13745.0	745.3	642.4	86.19	44.6	26.0
29.6	26.0	13693.0	769.8	664.9	86.37	46.4	26.0
29.6	27.2	13624.0	803.5	695.9	86.61	48.8	26.0
29.5	28.2	13565.0	832.0	721.9	86.77	50.8	26.0
29.5	29.2	13503.0	861.5	748.6	86.90	52.9	26.0
29.4	30.2	13448.0	888.1	772.8	87.02	54.9	26.0
29.4	31.1	13390.0	915.5	797.2	87.09	56.9	26.0
29.4	32.1	13334.0	943.1	821.5	87.11	58.8	26.0
29.3	33.0	13280.0	969.2	844.3	87.11	60.7	26.0
29.3	34.2	13214.0	1001.5	872.9	87.16	63.1	26.0
29.2	35.2	13157.0	1028.5	896.6	87.17	65.1	26.0
29.2	36.2	13097.0	1057.6	922.2	87.19	67.2	26.0
29.2	37.2	13040.0	1084.8	945.8	87.19	69.3	26.0
29.1	38.2	12982.0	1112.0	969.2	87.16	71.3	26.0
29.1	39.3	12916.0	1143.0	995.9	87.13	73.6	26.0
29.1	39.7	12895.0	1153.5	1004.7	87.10	74.4	26.0
29.0	41.3	12799.0	1198.9	1042.7	86.97	77.8	26.0
29.0	42.2	12748.0	1222.5	1062.4	86.91	79.6	26.0
28.9	43.2	12686.0	1251.7	1086.6	86.81	81.8	26.0
28.9	44.2	12632.0	1277.4	1107.7	86.72	83.7	26.0
28.9	45.1	12576.0	1302.9	1128.4	86.60	85.7	26.0
28.8	46.3	12509.0	1334.2	1153.5	86.45	88.1	26.0
28.8	47.3	12450.0	1361.3	1175.1	86.32	90.1	26.0
28.8	47.7	12423.0	1372.1	1183.2	86.23	90.9	26.0
28.7	49.5	12322.0	1420.1	1220.9	85.97	94.6	26.0
28.7	50.2	12276.0	1440.1	1236.4	85.86	96.2	26.0
28.6	51.2	12219.0	1465.6	1255.0	85.63	98.1	26.0
28.6	52.2	12157.0	1494.2	1277.2	85.47	100.3	26.0
28.6	53.1	12101.0	1518.1	1294.5	85.27	102.2	26.0
28.5	54.3	12034.0	1548.4	1317.5	85.08	104.5	26.0
28.5	54.7	12006.0	1558.5	1323.9	84.95	105.3	26.0
28.5	56.4	11908.0	1605.5	1358.7	84.63	109.0	26.0
28.4	56.7	11884.0	1613.0	1364.2	84.58	109.6	26.0
28.4	58.4	11787.0	1657.5	1396.6	84.26	113.1	26.0
28.3	59.2	11733.0	1679.4	1412.2	84.09	114.9	26.0
28.3	60.3	11667.0	1707.4	1433.6	83.96	117.3	26.0
28.3	60.6	11643.0	1714.1	1437.4	83.86	117.9	26.0
28.2	62.2	11545.0	1757.6	1467.0	83.47	121.3	26.0
28.2	62.6	11518.0	1765.5	1470.6	83.29	121.9	26.0
28.2	64.4	11412.0	1813.1	1502.6	82.88	125.7	26.0

Bezeichnung : **HP 370/40/A2 S**  
 Seriennummer : 1003  
 Prüfnummer : 141004  
 Besonderes : future 32.55



Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
31.3	15.1	14886.0	471.8	376.6	79.82	24.2	26.0
31.2	15.9	14825.0	497.1	402.4	80.94	25.9	26.0
31.2	16.9	14758.0	526.5	431.9	82.03	27.9	26.0
31.1	18.0	14684.0	560.7	465.2	82.97	30.3	26.0
31.1	18.9	14630.0	586.9	490.5	83.57	32.0	26.0
31.0	20.0	14560.0	620.4	522.4	84.20	34.3	26.0
31.0	21.1	14496.0	652.2	552.9	84.76	36.4	26.0
30.9	22.0	14436.0	680.4	579.4	85.15	38.3	26.0
30.9	23.1	14373.0	712.2	609.4	85.57	40.5	26.0
30.8	24.1	14314.0	741.4	636.4	85.84	42.5	26.0
30.8	25.1	14251.0	772.4	665.7	86.18	44.6	26.0
30.7	26.0	14196.0	799.7	691.3	86.44	46.5	26.0
30.7	27.1	14130.0	832.9	721.4	86.61	48.8	26.0
30.7	28.1	14072.0	861.3	747.5	86.78	50.7	26.0
30.6	29.1	14011.0	891.4	775.2	86.97	52.8	26.0
30.6	30.1	13951.0	922.0	803.1	87.10	55.0	26.0
30.5	31.1	13893.0	950.8	829.3	87.22	57.0	26.0
30.5	32.1	13837.0	978.6	854.1	87.28	58.9	26.0
30.5	33.1	13778.0	1008.1	880.8	87.37	61.0	26.0
30.4	34.1	13717.0	1038.7	907.2	87.34	63.2	26.0
30.4	35.2	13655.0	1069.5	933.6	87.30	65.3	26.0
30.3	36.2	13597.0	1098.4	958.7	87.28	67.3	26.0
30.3	37.1	13543.0	1123.7	981.1	87.31	69.2	26.0
30.3	38.1	13483.0	1154.4	1006.9	87.23	71.3	26.0
30.2	39.2	13418.0	1185.7	1034.5	87.24	73.6	26.0
30.2	40.1	13366.0	1211.0	1056.0	87.20	75.4	26.0
30.1	41.2	13305.0	1241.0	1081.8	87.17	77.6	26.0
30.1	42.1	13246.0	1269.2	1106.1	87.15	79.7	26.0
30.1	43.2	13188.0	1298.0	1129.7	87.04	81.8	26.0
30.0	44.1	13133.0	1324.3	1151.4	86.95	83.7	26.0
30.0	45.2	13068.0	1355.8	1177.4	86.84	86.0	26.0
30.0	46.1	13011.0	1382.6	1199.6	86.76	88.0	26.0
29.9	47.2	12946.0	1413.3	1224.0	86.61	90.3	26.0
29.9	48.3	12887.0	1442.9	1247.3	86.45	92.4	26.0
29.9	48.7	12857.0	1454.4	1256.5	86.39	93.3	26.0
29.8	50.2	12772.0	1496.5	1289.8	86.18	96.4	26.0
29.8	50.6	12744.0	1507.8	1297.2	86.03	97.2	26.0
29.7	52.4	12643.0	1558.2	1336.2	85.75	100.9	26.0
29.7	53.2	12593.0	1580.5	1352.5	85.58	102.6	26.0
29.7	54.2	12532.0	1608.4	1373.4	85.39	104.7	26.0
29.6	55.1	12477.0	1632.9	1391.2	85.20	106.5	26.0
29.6	56.2	12411.0	1662.6	1412.9	84.98	108.7	26.0
29.5	57.1	12353.0	1688.3	1431.6	84.79	110.7	26.0
29.5	58.2	12290.0	1717.1	1451.4	84.53	112.8	26.0
29.5	58.6	12258.0	1728.8	1459.8	84.44	113.7	26.0
29.4	60.2	12164.0	1773.0	1490.4	84.06	117.0	26.0
29.4	60.8	12127.0	1787.1	1500.0	83.93	118.1	26.0
29.4	62.2	12039.0	1826.9	1528.3	83.66	121.2	26.0
29.3	62.7	12007.0	1838.2	1533.7	83.44	122.0	26.0
29.3	64.3	11908.0	1882.7	1563.3	83.03	125.4	26.0



Bezeichnung : **HP 370/40/A2 S**  
 Seriennummer : 1003  
 Prüfnummer : 141004  
 Besonderes : future 32.55



Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
33.8	14.8	16084.0	500.6	387.5	77.40	23.0	26.0
33.8	16.0	15997.0	541.0	428.4	79.18	25.6	26.0
33.7	16.9	15930.0	571.4	458.2	80.19	27.5	26.0
33.7	17.9	15865.0	602.8	489.0	81.13	29.4	26.0
33.6	18.9	15801.0	633.5	520.2	82.12	31.4	26.0
33.6	19.9	15736.0	666.1	551.9	82.86	33.5	26.0
33.5	20.9	15671.0	698.6	583.9	83.58	35.6	26.0
33.5	22.0	15596.0	737.3	621.5	84.29	38.1	26.0
33.4	23.0	15533.0	769.3	651.2	84.64	40.0	26.0
33.4	23.8	15484.0	794.2	674.0	84.87	41.6	26.0
33.3	25.1	15404.0	835.8	714.3	85.46	44.3	26.0
33.3	26.0	15345.0	866.1	743.0	85.79	46.2	26.0
33.2	27.1	15280.0	900.1	774.2	86.02	48.4	26.0
33.2	28.1	15217.0	933.7	805.2	86.24	50.5	26.0
33.1	29.1	15155.0	965.9	835.3	86.47	52.6	26.0
33.1	30.1	15098.0	995.8	862.5	86.61	54.6	26.0
33.1	31.1	15039.0	1027.0	891.1	86.77	56.6	26.0
33.0	32.1	14977.0	1059.0	920.5	86.92	58.7	26.0
33.0	33.1	14914.0	1092.5	950.8	87.02	60.9	26.0
32.9	34.2	14852.0	1125.0	979.3	87.05	63.0	26.0
32.9	35.1	14793.0	1155.2	1006.6	87.14	65.0	26.0
32.8	36.2	14731.0	1187.8	1036.1	87.23	67.2	26.0
32.8	37.1	14671.0	1217.9	1062.5	87.24	69.2	26.0
32.8	38.1	14613.0	1248.1	1089.1	87.26	71.2	26.0
32.7	39.1	14553.0	1279.3	1116.8	87.30	73.3	26.0
32.7	40.1	14491.0	1311.3	1143.9	87.24	75.4	26.0
32.6	41.2	14426.0	1344.8	1172.9	87.22	77.6	26.0
32.6	41.7	14392.0	1360.9	1186.4	87.18	78.7	26.0
32.6	43.2	14307.0	1405.6	1224.0	87.08	81.7	26.0
32.5	44.1	14248.0	1435.0	1249.0	87.04	83.7	26.0
32.5	45.1	14188.0	1465.1	1274.8	87.01	85.8	26.0
32.4	45.6	14154.0	1481.1	1287.4	86.92	86.9	26.0
32.4	47.2	14061.0	1529.6	1327.3	86.77	90.1	26.0
32.3	48.2	14003.0	1557.9	1350.2	86.67	92.1	26.0
32.3	49.2	13937.0	1590.4	1377.6	86.62	94.4	26.0
32.3	49.7	13908.0	1603.5	1387.3	86.52	95.3	26.0
32.2	51.3	13816.0	1652.8	1426.3	86.30	98.6	26.0
32.2	51.7	13788.0	1663.6	1433.6	86.17	99.3	26.0
32.1	53.3	13692.0	1713.0	1472.3	85.95	102.7	26.0
32.1	54.3	13632.0	1741.9	1495.3	85.84	104.7	26.0
32.1	54.6	13605.0	1752.4	1501.9	85.71	105.4	26.0
32.0	56.4	13502.0	1805.0	1538.1	85.21	108.8	26.0
32.0	56.6	13479.0	1812.9	1550.4	85.52	109.8	26.0
31.9	58.3	13377.0	1863.4	1586.2	85.12	113.2	26.0
31.9	58.7	13348.0	1874.5	1592.7	84.96	113.9	26.0
31.9	60.3	13254.0	1921.6	1625.6	84.59	117.1	26.0
31.8	60.7	13226.0	1931.4	1630.6	84.43	117.7	26.0
31.8	62.2	13130.0	1976.9	1664.2	84.18	121.0	26.0
31.8	62.6	13102.0	1987.1	1671.8	84.13	121.8	26.0
31.7	64.4	12988.0	2041.9	1710.8	83.78	125.8	26.0



Bezeichnung : **HP 370/40/A2 S**  
 Seriennummer : 1003  
 Prüfnummer : 141004  
 Besonderes : future 32.55



Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
36.3	15.0	17252.0	543.9	421.2	77.44	23.3	27.0
36.3	16.0	17170.0	580.5	457.6	78.83	25.5	27.0
36.2	17.0	17100.0	613.9	491.4	80.05	27.4	27.0
36.1	17.9	17031.0	646.9	524.3	81.06	29.4	27.0
36.1	18.9	16959.0	683.7	559.6	81.85	31.5	28.0
36.0	19.9	16892.0	717.6	592.7	82.59	33.5	28.0
36.0	20.9	16829.0	750.5	624.1	83.16	35.4	28.0
35.9	21.8	16764.0	784.3	656.0	83.65	37.4	28.0
35.9	22.8	16700.0	818.7	689.2	84.18	39.4	28.0
35.8	24.0	16623.0	860.1	727.8	84.62	41.8	29.0
35.8	24.8	16569.0	888.8	755.4	84.99	43.5	29.0
35.7	26.1	16491.0	931.4	795.4	85.40	46.1	29.0
35.7	26.8	16442.0	956.8	819.4	85.65	47.6	29.0
35.6	28.0	16366.0	998.5	857.6	85.89	50.0	29.0
35.6	29.2	16288.0	1040.7	897.3	86.22	52.6	30.0
35.5	29.8	16249.0	1060.8	916.0	86.35	53.8	30.0
35.5	30.7	16193.0	1091.1	943.6	86.48	55.6	30.0
35.5	32.1	16110.0	1137.6	985.9	86.66	58.4	30.0
35.4	33.1	16047.0	1170.9	1016.1	86.78	60.5	30.0
35.4	34.2	15979.0	1207.9	1050.2	86.94	62.8	31.0
35.3	35.1	15919.0	1239.9	1078.8	87.01	64.7	31.0
35.3	36.1	15857.0	1272.6	1108.7	87.12	66.8	31.0
35.2	37.1	15795.0	1307.3	1138.3	87.07	68.8	31.0
35.2	38.1	15735.0	1340.2	1167.4	87.11	70.8	32.0
35.1	39.1	15671.0	1373.9	1197.9	87.19	73.0	32.0
35.1	40.1	15609.0	1406.6	1226.1	87.17	75.0	32.0
35.1	41.1	15543.0	1441.6	1256.5	87.16	77.2	32.0
35.0	42.2	15478.0	1476.5	1286.8	87.15	79.4	32.0
35.0	42.7	15443.0	1493.9	1301.8	87.14	80.5	32.0
34.9	44.2	15351.0	1543.8	1344.2	87.07	83.6	32.0
34.9	44.6	15321.0	1557.7	1356.4	87.08	84.5	33.0
34.8	46.2	15227.0	1608.6	1400.5	87.06	87.8	33.0
34.8	46.7	15195.0	1624.1	1413.0	87.00	88.8	33.0
34.7	48.2	15099.0	1675.8	1457.2	86.96	92.2	33.0
34.7	48.7	15068.0	1690.9	1469.5	86.91	93.1	33.0
34.7	50.2	14977.0	1739.3	1508.9	86.75	96.2	33.0
34.6	50.6	14947.0	1753.3	1520.1	86.70	97.1	33.0
34.6	52.2	14847.0	1805.4	1562.0	86.52	100.5	34.0
34.6	52.6	14820.0	1817.7	1570.5	86.40	101.2	34.0
34.5	54.4	14714.0	1874.3	1615.5	86.19	104.8	34.0
34.5	54.8	14684.0	1887.7	1625.1	86.09	105.7	34.0
34.4	56.3	14590.0	1936.4	1662.9	85.88	108.8	34.0
34.4	56.7	14561.0	1948.8	1671.9	85.79	109.6	34.0
34.3	58.1	14470.0	1995.6	1706.5	85.51	112.6	34.0
34.3	58.7	14430.0	2012.8	1718.7	85.39	113.7	35.0
34.2	60.3	14330.0	2064.6	1759.7	85.23	117.3	35.0
34.2	60.6	14304.0	2073.0	1766.9	85.24	118.0	35.0
34.1	62.3	14200.0	2127.1	1806.9	84.95	121.5	35.0
34.1	62.7	14164.0	2140.2	1817.8	84.94	122.6	35.0