



Dateiname : ''
Datum : 08.03.2010 15:04:32

Bezeichnung : HP 370/30/B12 P10 SPS
Seriennummer : 03
Prüfnummer : 021009
Besonderes : power jive rotor sw 33,1 2mm Mag Stator Wellblech
Messprotokoll : ->
@ÖÄ

Versuchsaufbau

Messparameter

Grundlast : 15 %
Hebelarmlänge : 120 mm
Waagezelle : 100 N
Dämpfungsfaktor: 3
Regelzeit : 100 ms

Strom von : 20 A bis : 80 A
Schrittweite : 1.0 A
Reglerausgang : 0 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
37.0	20.2	16033.0	747.9	627.2	83.86	37.4	26.0
37.0	21.2	15980.0	782.2	661.9	84.61	39.6	26.0
36.9	22.2	15923.0	821.5	700.7	85.30	42.0	26.0
36.9	22.8	15894.0	840.8	722.0	85.88	43.4	26.0
36.8	23.7	15872.0	871.9	752.1	86.27	45.3	26.0
36.7	25.0	15801.0	920.2	797.4	86.66	48.2	26.0
36.6	26.5	15730.0	970.9	848.8	87.42	51.5	26.0
36.6	26.7	15723.0	976.0	853.9	87.49	51.9	26.0
36.5	28.4	15639.0	1037.6	915.2	88.21	55.9	26.0
36.5	29.2	15597.0	1064.2	940.8	88.40	57.6	26.0
36.4	29.6	15576.0	1079.8	957.7	88.70	58.7	26.0
36.3	31.4	15506.0	1140.5	1015.6	89.05	62.5	26.0
36.3	32.2	15461.0	1168.6	1040.2	89.01	64.2	26.0
36.2	32.8	15428.0	1188.3	1061.8	89.36	65.7	26.0
36.2	34.0	15390.0	1229.6	1098.9	89.37	68.2	26.0
36.1	35.3	15325.0	1273.8	1142.0	89.65	71.2	26.0
36.0	36.6	15274.0	1317.8	1183.7	89.82	74.0	26.0
36.0	37.0	15260.0	1330.4	1195.6	89.87	74.8	26.0
35.9	37.9	15210.0	1362.2	1225.9	89.99	77.0	26.0
35.9	39.0	15152.0	1397.7	1259.9	90.14	79.4	26.0
35.8	39.9	15122.0	1429.6	1289.7	90.22	81.4	26.0
35.7	41.4	15052.0	1479.2	1336.0	90.32	84.8	26.0
35.7	42.1	15014.0	1501.7	1356.9	90.36	86.3	26.0
35.6	43.1	14986.0	1534.1	1386.6	90.38	88.4	26.0
35.6	44.0	14948.0	1564.5	1416.0	90.51	90.5	26.0
35.5	44.7	14913.0	1587.3	1436.8	90.52	92.0	26.0
35.5	45.5	14864.0	1615.9	1464.4	90.62	94.1	26.0
35.5	46.7	14848.0	1655.4	1500.5	90.65	96.5	26.0
35.4	47.5	14810.0	1681.0	1524.6	90.69	98.3	26.0
35.4	48.6	14763.0	1719.5	1560.0	90.72	100.9	26.0
35.4	49.2	14867.0	1739.4	1590.6	91.45	102.2	26.0
35.3	50.7	14694.0	1790.5	1624.2	90.71	105.6	26.0
35.3	52.0	14644.0	1832.8	1663.4	90.76	108.5	26.0
35.2	53.0	14618.0	1867.2	1694.6	90.75	110.7	26.0
35.1	54.4	14559.0	1910.1	1732.9	90.72	113.7	26.0
35.1	55.4	14505.0	1944.9	1764.6	90.73	116.2	26.0
35.1	55.9	14490.0	1959.9	1777.2	90.68	117.1	26.0
35.0	57.4	14434.0	2006.6	1819.1	90.66	120.3	26.0
35.0	58.0	14403.0	2028.5	1838.0	90.61	121.9	26.0
34.9	58.7	14373.0	2050.6	1858.0	90.61	123.4	26.0
34.8	60.2	14326.0	2097.9	1899.6	90.55	126.6	26.0
34.8	61.1	14283.0	2125.8	1923.4	90.48	128.6	26.0
34.8	61.5	14269.0	2138.7	1934.8	90.46	129.5	26.0
34.7	63.2	14215.0	2192.7	1982.3	90.40	133.2	26.0
34.6	64.8	14142.0	2242.3	2024.7	90.30	136.7	26.0
34.7	65.2	14152.0	2259.4	2039.1	90.25	137.6	26.0

34.6	66.2	14107.0	2288.9	2064.7	90.21	139.8	26.0
34.6	67.1	14058.0	2318.0	2089.3	90.13	141.9	26.0
34.5	67.6	14029.0	2332.8	2103.2	90.16	143.2	26.0
34.5	69.1	13985.0	2379.6	2141.4	89.99	146.2	26.0
34.4	70.1	13936.0	2410.7	2168.9	89.97	148.6	26.0
34.4	70.6	13912.0	2425.7	2180.0	89.87	149.6	26.0
34.3	71.8	13882.0	2463.7	2212.0	89.78	152.2	26.0
34.3	73.0	13827.0	2501.1	2242.3	89.65	154.9	26.0
34.2	73.9	13796.0	2527.9	2263.3	89.53	156.7	27.0
34.2	74.5	13786.0	2549.4	2280.4	89.45	158.0	27.0
34.2	75.1	13761.0	2569.3	2295.8	89.35	159.3	27.0
34.1	76.7	13696.0	2616.6	2333.1	89.17	162.7	27.0
34.1	77.9	13657.0	2655.0	2362.7	88.99	165.2	27.0
34.0	79.2	13599.0	2694.6	2393.7	88.83	168.1	27.0
34.0	80.0	13572.0	2718.8	2413.0	88.75	169.8	27.0