



Dateiname : ''  
Datum : 04.09.2018 16:28:28

Bezeichnung : HP 505/50/B14 P14  
Seriennummer : 01  
Prüfnummer : 260315  
Besonderes : MST50/100  
Messprotokoll : ->

Ä

Versuchsaufbau

Messparameter

Grundlast : 17 %  
Hebelarmlänge : 120 mm  
Waagezelle : 100 N  
Dämpfungsfaktor: 3  
Regelzeit : 100 ms

Strom von : 10 A bis : 55 A  
Schrittweite : 1.0 A  
Reglerausgang : 0 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
40.2	10.1	6896.0	406.5	286.1	70.40	39.6	24.0
40.2	11.0	6889.0	441.4	320.2	72.54	44.4	24.0
40.2	11.9	6879.0	480.8	355.9	74.02	49.4	24.0
40.2	13.1	6869.0	527.8	402.3	76.23	55.9	24.0
40.2	14.2	6852.0	572.7	446.0	77.88	62.2	24.0
40.2	15.0	6846.0	602.0	473.9	78.73	66.1	24.0
40.2	16.4	6829.0	659.8	525.5	79.66	73.5	24.0
40.2	16.8	6825.0	675.8	542.0	80.21	75.8	24.0
40.2	18.0	6813.0	722.7	586.8	81.19	82.2	24.0
40.2	18.7	6807.0	752.4	615.6	81.82	86.4	24.0
40.2	19.8	6800.0	795.3	657.3	82.64	92.3	24.0
40.2	20.7	6792.0	830.6	691.3	83.22	97.2	24.0
40.2	22.1	6773.0	889.5	747.0	83.98	105.3	24.0
40.2	23.6	6756.0	947.6	802.8	84.72	113.5	24.0
40.2	24.3	6748.0	974.8	828.5	84.99	117.2	24.0
40.2	24.7	6744.0	991.6	845.4	85.25	119.7	24.0
40.2	25.9	6728.0	1039.6	891.3	85.73	126.5	24.0
40.1	27.6	6705.0	1107.2	955.1	86.26	136.0	24.0
40.1	28.1	6699.0	1128.0	974.7	86.41	138.9	24.0
40.1	29.1	6686.0	1165.9	1009.7	86.60	144.2	24.0
40.1	30.1	6672.0	1209.9	1051.1	86.87	150.4	24.0
40.1	31.3	6657.0	1255.8	1094.3	87.14	157.0	24.0
40.1	31.2	6657.0	1251.0	1089.8	87.11	156.3	24.0
40.1	33.0	6642.0	1321.7	1153.7	87.29	165.9	24.0
40.1	33.6	6638.0	1347.6	1178.1	87.42	169.5	24.0
40.1	34.3	6629.0	1374.8	1203.4	87.53	173.4	24.0
40.1	35.8	6605.0	1433.4	1255.6	87.60	181.5	24.0
40.1	37.0	6587.0	1482.5	1300.1	87.69	188.5	24.0
40.1	37.1	6587.0	1488.1	1304.9	87.69	189.2	25.0
40.1	39.5	6547.0	1585.0	1391.7	87.81	203.0	25.0
40.1	40.0	6545.0	1600.9	1405.5	87.79	205.1	25.0
40.1	40.7	6530.0	1630.4	1432.2	87.84	209.4	25.0
40.1	41.5	6517.0	1662.7	1460.5	87.84	214.0	25.0
40.1	43.7	6497.0	1751.7	1537.3	87.76	225.9	25.0
40.1	44.4	6487.0	1776.4	1558.9	87.75	229.5	25.0
40.1	44.6	6484.0	1786.0	1566.5	87.71	230.7	25.0
40.0	46.5	6453.0	1862.2	1631.9	87.63	241.5	25.0
40.0	46.9	6449.0	1878.1	1643.6	87.51	243.4	25.0
40.0	48.2	6425.0	1929.1	1684.4	87.31	250.3	25.0
40.0	49.1	6410.0	1964.6	1714.8	87.29	255.5	25.0
40.0	49.7	6399.0	1990.8	1737.0	87.25	259.2	25.0
40.0	50.9	6381.0	2035.9	1774.8	87.17	265.6	25.0
40.0	52.5	6358.0	2101.5	1828.9	87.03	274.7	25.0
40.0	52.4	6360.0	2095.6	1823.5	87.02	273.8	25.0
40.0	55.2	6315.0	2209.3	1916.2	86.73	289.8	25.0

40.0 55.1 6320.0 2203.3 1912.5 86.80 289.0 25.0