



Dateiname : ''
 Datum : 04.09.2018 16:30:11

Bezeichnung : HP 505/50/B20 P14
 Seriennummer : 01
 Prüfnummer : 080415
 Besonderes : MST50/100
 Messprotokoll : ->

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Versuchsaufbau

Messparameter

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

Strom von : 10 A bis : 45 A
 Schrittweite : 1.0 A
 Reglerausgang : 0 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
43.2	10.0	4986.0	432.0	348.4	80.64	66.7	26.0
43.2	10.9	4973.0	472.6	388.6	82.24	74.6	26.0
43.2	11.9	4958.0	516.2	430.9	83.48	83.0	26.0
43.2	13.1	4942.0	567.1	479.6	84.57	92.7	26.0
43.2	13.9	4933.0	599.9	511.5	85.26	99.0	26.0
43.2	14.9	4919.0	643.5	553.3	85.99	107.4	26.0
43.2	15.7	4906.0	679.2	587.4	86.48	114.3	26.0
43.2	16.9	4889.0	728.8	634.8	87.10	124.0	26.0
43.2	17.8	4873.0	769.8	672.7	87.39	131.8	26.0
43.2	18.6	4865.0	803.8	704.5	87.65	138.3	26.0
43.2	19.8	4847.0	853.4	751.5	88.06	148.1	26.0
43.2	21.0	4828.0	906.8	800.4	88.26	158.3	26.0
43.2	21.7	4817.0	937.4	828.4	88.38	164.2	26.0
43.2	22.7	4801.0	979.5	866.7	88.48	172.4	26.0
43.2	23.7	4787.0	1023.0	905.7	88.53	180.7	26.0
43.2	25.3	4762.0	1091.0	967.3	88.66	194.0	26.0
43.1	26.2	4745.0	1130.9	1002.8	88.67	201.8	26.0
43.1	27.3	4725.0	1179.5	1045.5	88.64	211.3	26.0
43.1	27.7	4722.0	1193.3	1057.2	88.60	213.8	26.0
43.1	29.2	4698.0	1258.1	1114.3	88.56	226.5	26.0
43.1	30.2	4679.0	1300.7	1151.6	88.54	235.0	26.0
43.1	31.2	4662.0	1344.5	1188.7	88.41	243.5	26.0
43.1	31.6	4655.0	1360.8	1203.1	88.41	246.8	26.0
43.1	32.5	4639.0	1400.7	1236.4	88.27	254.5	26.0
43.1	33.3	4624.0	1436.8	1267.4	88.21	261.7	26.0
43.1	35.3	4587.0	1520.4	1336.9	87.93	278.3	26.0
43.1	36.1	4573.0	1556.8	1366.3	87.76	285.3	26.0
43.1	36.5	4568.0	1571.5	1378.3	87.71	288.1	26.0
43.1	37.4	4549.0	1611.8	1411.4	87.57	296.3	26.0
43.1	39.2	4517.0	1688.5	1473.1	87.24	311.4	26.0
43.1	40.0	4499.0	1724.6	1501.8	87.08	318.8	26.0
43.1	41.2	4479.0	1775.2	1540.2	86.76	328.4	26.0
43.1	41.4	4473.0	1783.4	1545.5	86.66	329.9	26.0
43.1	43.0	4441.0	1852.9	1598.8	86.29	343.8	26.0
43.1	43.7	4429.0	1880.3	1618.9	86.09	349.0	26.0
43.1	44.6	4411.0	1918.5	1647.7	85.89	356.7	26.0