



Dateiname : ''  
Datum : 04.09.2018 16:31:09

Bezeichnung : HP 505/50/B20 P14  
Seriennummer : 01  
Prüfnummer : 080415  
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 : 40 A  
Schrittweite : 1.0 A  
Reglerausgang : 0 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
40.3	10.1	4644.0	406.8	332.8	81.82	68.4	25.0
40.3	11.0	4632.0	442.6	367.2	82.96	75.7	25.0
40.3	11.8	4621.0	476.4	400.4	84.04	82.7	25.0
40.3	13.2	4603.0	530.7	452.7	85.31	93.9	25.0
40.3	14.0	4591.0	565.7	486.3	85.97	101.2	25.0
40.3	15.1	4577.0	607.1	525.9	86.63	109.7	25.0
40.3	16.1	4562.0	650.1	566.2	87.09	118.5	25.0
40.3	17.0	4550.0	683.9	598.4	87.50	125.6	25.0
40.3	17.6	4542.0	710.8	623.4	87.71	131.1	25.0
40.3	19.1	4521.0	770.3	679.4	88.20	143.5	25.0
40.3	20.4	4501.0	822.0	727.3	88.47	154.3	25.0
40.3	20.5	4500.0	826.9	731.9	88.51	155.3	25.0
40.3	21.6	4483.0	869.8	770.6	88.59	164.1	25.0
40.2	22.6	4470.0	908.0	804.8	88.64	171.9	25.0
40.2	24.2	4444.0	973.8	864.1	88.74	185.7	25.0
40.2	25.1	4428.0	1010.6	896.6	88.72	193.4	25.0
40.2	26.1	4414.0	1049.5	931.2	88.73	201.5	25.0
40.2	26.9	4404.0	1080.7	958.3	88.67	207.8	25.0
40.2	28.1	4383.0	1130.8	1002.5	88.66	218.4	25.0
40.2	28.6	4373.0	1149.6	1018.5	88.60	222.4	25.0
40.2	30.0	4353.0	1206.8	1068.3	88.52	234.4	25.0
40.2	30.5	4343.0	1224.8	1085.6	88.63	238.7	25.0
40.2	32.1	4315.0	1289.6	1138.3	88.27	251.9	25.0
40.2	33.2	4298.0	1334.8	1176.4	88.13	261.4	25.0
40.2	34.2	4281.0	1376.0	1209.6	87.90	269.8	25.0
40.2	35.0	4265.0	1408.0	1236.7	87.84	276.9	25.0
40.2	36.3	4243.0	1459.1	1278.2	87.60	287.7	25.0
40.2	37.0	4233.0	1485.5	1299.6	87.48	293.2	25.0
40.2	38.2	4210.0	1533.4	1337.2	87.21	303.3	25.0
40.1	39.0	4194.0	1566.2	1363.7	87.07	310.5	25.0
40.1	39.9	4178.0	1600.9	1391.7	86.93	318.1	25.0