

Dateiname : ''  
Datum : 05.04.2007 09:20:29

Bezeichnung : Orbit 15/20 (HP 355/15/B20 P10)  
Seriennummer : 0407  
Prüfnummer : 040407  
Besonderes : future 18.129F  
Messprotokoll : ->  
å

Versuchsaufbau

Messparameter

Grundlast : 5 %  
Hebelarmlänge : 120 mm  
Waagezelle : 50 N  
Dämpfungsfaktor: 5  
Regelzeit : 100 ms

Strom von : 10 A bis : 40 A  
Schrittweite : 1.0 A  
Reglerausgang : 100 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
12.8	9.9	9496.0	126.0	104.8	83.14	10.5	25.0
12.8	10.9	9412.0	139.0	116.6	83.91	11.8	25.0
12.7	12.0	9328.0	152.4	128.7	84.43	13.2	25.0
12.7	12.9	9261.0	163.5	138.7	84.86	14.3	25.0
12.7	14.0	9176.0	177.7	151.6	85.32	15.8	25.0
12.7	15.0	9107.0	189.2	161.6	85.42	16.9	25.0
12.6	15.9	9035.0	201.2	172.3	85.65	18.2	25.0
12.6	16.9	8965.0	213.1	182.5	85.64	19.4	25.0
12.6	17.8	8896.0	224.7	192.3	85.57	20.6	25.0
12.6	18.9	8824.0	237.0	202.3	85.33	21.9	25.0
12.5	19.8	8755.0	248.6	211.8	85.21	23.1	25.0
12.5	20.9	8678.0	261.9	222.7	85.03	24.5	25.0
12.5	21.9	8606.0	273.9	232.7	84.96	25.8	25.0
12.5	23.1	8521.0	288.5	244.4	84.70	27.4	25.0
12.5	24.0	8459.0	298.8	252.1	84.39	28.5	25.0
12.4	24.7	8405.0	307.6	258.9	84.17	29.4	25.0
12.4	25.9	8320.0	321.9	269.6	83.77	30.9	25.0
12.4	26.7	8264.0	330.9	276.0	83.42	31.9	25.0
12.4	27.9	8176.0	345.7	286.8	82.95	33.5	25.0
12.4	28.7	8119.0	354.4	292.7	82.60	34.4	25.0
12.3	29.9	8031.0	369.0	302.7	82.03	36.0	25.0
12.3	31.0	7954.0	382.1	310.6	81.27	37.3	25.0
12.3	32.1	7870.0	395.1	319.4	80.86	38.8	25.0
12.3	33.0	7805.0	404.4	325.2	80.42	39.8	25.0
12.2	34.2	7716.0	418.7	333.7	79.71	41.3	25.0
12.2	35.2	7636.0	430.8	340.6	79.07	42.6	25.0
12.2	36.0	7572.0	439.9	345.6	78.57	43.6	25.0
12.2	37.0	7490.0	451.6	351.8	77.90	44.9	25.0
12.2	38.3	7398.0	465.6	358.7	77.03	46.3	25.0
12.2	38.5	7366.0	468.3	359.3	76.73	46.6	25.0
12.1	40.4	7229.0	490.2	369.6	75.41	48.8	25.0