



Dateiname : ''  
 Datum : 04.09.2018 16:29:14

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]
43.3	10.2	7451.0	440.0	296.4	67.37	38.0	25.0
43.3	10.9	7445.0	471.1	326.4	69.29	41.9	25.0
43.3	12.1	7429.0	525.2	378.7	72.10	48.7	25.0
43.3	13.0	7419.0	562.3	414.9	73.78	53.4	25.0
43.3	13.8	7411.0	597.3	449.4	75.24	57.9	25.0
43.3	15.5	7390.0	669.4	520.9	77.81	67.3	25.0
43.3	16.3	7383.0	704.4	554.8	78.76	71.8	25.0
43.3	17.2	7369.0	745.9	594.9	79.76	77.1	25.0
43.3	18.4	7358.0	797.2	645.0	80.91	83.7	25.0
43.3	19.1	7355.0	825.7	672.3	81.42	87.3	25.0
43.2	20.2	7339.0	873.6	718.7	82.27	93.5	25.0
43.2	20.7	7333.0	896.5	740.1	82.56	96.4	25.0
43.2	22.0	7323.0	951.2	793.7	83.44	103.5	25.0
43.2	23.1	7307.0	999.5	840.1	84.05	109.8	25.0
43.2	22.8	7315.0	986.1	827.4	83.90	108.0	25.0
43.2	24.4	7293.0	1052.9	890.9	84.61	116.7	25.0
43.2	25.7	7277.0	1109.4	945.7	85.25	124.1	25.0
43.2	27.2	7256.0	1174.8	1006.9	85.71	132.5	25.0
43.2	27.8	7251.0	1201.5	1031.4	85.84	135.8	25.0
43.2	28.6	7238.0	1234.2	1062.4	86.08	140.2	25.0
43.2	30.3	7211.0	1308.6	1131.3	86.45	149.8	25.0
43.2	31.0	7200.0	1340.4	1162.4	86.72	154.2	25.0
43.2	31.8	7191.0	1374.4	1193.2	86.82	158.4	25.0
43.2	32.5	7176.0	1405.3	1222.1	86.96	162.6	25.0
43.2	33.8	7168.0	1457.4	1269.7	87.12	169.2	25.0
43.2	35.1	7144.0	1516.2	1325.7	87.43	177.2	25.0
43.2	35.4	7143.0	1528.3	1337.7	87.53	178.8	25.0
43.1	37.1	7120.0	1601.7	1402.6	87.57	188.1	25.0
43.1	38.0	7106.0	1641.7	1439.7	87.70	193.5	25.0
43.1	38.7	7099.0	1670.9	1465.1	87.68	197.1	25.0
43.1	39.6	7086.0	1709.1	1499.3	87.72	202.0	25.0
43.1	41.8	7049.0	1804.5	1584.1	87.78	214.6	25.0
43.1	41.7	7054.0	1800.2	1579.1	87.72	213.8	25.0
43.1	42.4	7040.0	1829.4	1606.7	87.83	217.9	25.0
43.1	43.8	7019.0	1889.2	1657.3	87.72	225.5	25.0
43.1	46.0	6982.0	1985.4	1740.7	87.68	238.1	25.0
43.1	46.0	6981.0	1984.9	1741.4	87.73	238.2	25.0
43.1	47.5	6962.0	2049.8	1796.4	87.64	246.4	25.0
43.1	48.1	6954.0	2074.3	1816.7	87.58	249.5	25.0
43.1	48.6	6946.0	2094.0	1834.3	87.60	252.2	25.0
43.1	50.0	6927.0	2152.7	1884.7	87.55	259.8	25.0
43.1	51.0	6908.0	2197.3	1922.3	87.48	265.7	25.0
43.1	52.1	6890.0	2244.9	1960.7	87.34	271.7	25.0
43.1	53.0	6871.0	2282.6	1991.2	87.23	276.7	25.0
43.1	54.7	6836.0	2355.0	2049.8	87.04	286.3	25.0

43.1 55.1 6827.0 2374.2 2065.5 87.00 288.9 25.0