

Dateiname : ''
Datum : 08.03.2005 15:32:36

Bezeichnung : Orbit 15/18 (HP 355/15/B18 P10)
Seriennummer : 0205
Prüfnummer : 240205
Besonderes : future 18.129F

Versuchsaufbau

Messparameter

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Grundlast      : 5 %
Hebelarmlänge : 60 mm
Waagezelle     : 50 N
Dämpfungsfaktor : 5
Regelzeit      : 100 ms

Strom von      : 10 A bis : 45 A
Schrittweite   : 1.0 A
Reglerausgang  : 100 %

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Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
8.7	9.8	6927.0	85.8	70.2	81.84	9.7	23.0
8.7	11.0	6847.0	95.9	79.8	83.26	11.1	23.0
8.7	11.9	6789.0	103.1	86.8	84.24	12.2	23.0
8.7	13.0	6718.0	112.7	95.6	84.87	13.6	23.0
8.6	13.9	6660.0	120.4	102.6	85.25	14.7	23.0
8.6	14.9	6597.0	128.8	110.4	85.76	16.0	23.0
8.6	15.9	6539.0	136.7	117.4	85.84	17.1	23.0
8.6	16.9	6480.0	144.8	124.4	85.94	18.3	23.0
8.6	18.0	6416.0	153.8	131.9	85.78	19.6	23.0
8.5	18.8	6364.0	160.9	137.9	85.72	20.7	23.0
8.5	19.8	6307.0	168.9	144.5	85.56	21.9	23.0
8.5	20.8	6250.0	176.9	151.3	85.53	23.1	23.0
8.5	21.9	6183.0	186.5	158.9	85.19	24.5	23.0
8.5	22.8	6132.0	193.5	164.4	84.98	25.6	23.0
8.5	24.0	6066.0	202.8	171.5	84.58	27.0	23.0
8.5	24.8	6016.0	209.7	176.6	84.21	28.0	23.0
8.4	25.7	5961.0	217.2	182.1	83.83	29.2	23.0
8.4	26.8	5904.0	225.3	187.9	83.39	30.4	23.0
8.4	27.9	5839.0	234.2	194.1	82.87	31.7	23.0
8.4	28.7	5789.0	240.9	198.7	82.48	32.8	23.0
8.4	29.7	5729.0	249.1	204.2	81.99	34.0	23.0
8.4	31.0	5657.0	259.0	210.8	81.40	35.6	23.0
8.3	32.0	5594.0	267.4	216.0	80.77	36.9	23.0
8.3	33.0	5537.0	275.0	220.5	80.19	38.0	23.0
8.3	33.8	5489.0	280.9	223.7	79.63	38.9	23.0
8.3	34.7	5436.0	287.9	227.6	79.06	40.0	23.0
8.3	35.6	5378.0	295.2	231.5	78.42	41.1	23.0
8.3	37.0	5299.0	305.9	237.0	77.46	42.7	23.0
8.3	37.7	5255.0	311.2	239.6	76.99	43.5	23.0
8.2	38.6	5197.0	318.5	242.8	76.24	44.6	23.0
8.2	39.6	5136.0	325.9	246.2	75.55	45.8	23.0
8.2	41.0	5049.0	337.1	250.7	74.39	47.4	23.0
8.2	41.6	5008.0	341.4	252.3	73.89	48.1	23.0
8.2	42.5	4948.0	348.3	254.7	73.12	49.1	23.0
8.2	43.5	4883.0	355.8	257.1	72.26	50.3	23.0
8.2	45.0	4795.0	366.6	260.3	71.00	51.8	23.0

Dateiname : ''
Datum : 08.03.2005 15:32:55

Bezeichnung : Orbit 15/18 (HP 355/15/B18 P10)
Seriennummer : 0205
Prüfnummer : 240205
Besonderes : future 18.129F

Versuchsaufbau

Grundlast : 5 %
Hebelarmlänge : 60 mm
Waagezelle : 50 N
Dämpfungsfaktor: 5
Regelzeit : 100 ms

Messparameter

Strom von : 10 A bis : 45 A
Schrittweite : 1.0 A
Reglerausgang : 100 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
11.2	9.9	8901.0	110.9	90.5	81.63	9.7	25.0
11.1	10.9	8823.0	121.5	99.8	82.13	10.8	25.0
11.1	11.9	8747.0	132.8	110.7	83.40	12.1	25.0
11.1	12.9	8674.0	143.5	120.6	84.06	13.3	25.0
11.1	13.9	8607.0	153.5	129.8	84.59	14.4	25.0
11.1	14.9	8533.0	164.8	140.4	85.18	15.7	25.0
11.0	15.9	8462.0	175.8	151.2	85.97	17.1	25.0
11.0	16.9	8393.0	186.5	160.3	85.95	18.2	25.0
11.0	17.9	8329.0	196.5	170.0	86.53	19.5	25.0
11.0	18.9	8261.0	207.1	178.9	86.39	20.7	25.0
11.0	20.0	8192.0	218.5	188.3	86.21	22.0	25.0
10.9	20.9	8128.0	228.6	197.0	86.17	23.1	25.0
10.9	21.8	8070.0	238.2	204.8	86.01	24.2	25.0
10.9	22.8	8003.0	248.7	213.5	85.86	25.5	25.0
10.9	23.9	7934.0	259.9	223.0	85.81	26.8	25.0
10.9	24.7	7879.0	268.6	229.9	85.60	27.9	25.0
10.8	25.9	7806.0	280.4	239.4	85.38	29.3	25.0
10.8	26.8	7748.0	289.6	247.0	85.30	30.4	25.0
10.8	27.7	7686.0	299.4	254.5	85.01	31.6	25.0
10.8	28.7	7625.0	309.3	262.1	84.74	32.8	25.0
10.8	29.6	7562.0	319.1	269.4	84.43	34.0	25.0
10.8	30.4	7513.0	326.8	274.8	84.08	34.9	25.0
10.7	32.3	7390.0	346.9	288.5	83.17	37.3	25.0
10.7	32.8	7355.0	351.7	291.8	82.98	37.9	25.0
10.7	33.6	7299.0	360.1	297.2	82.54	38.9	25.0
10.7	35.0	7216.0	373.4	305.1	81.70	40.4	25.0
10.7	35.6	7171.0	379.6	309.2	81.46	41.2	25.0
10.6	36.9	7085.0	393.0	317.4	80.76	42.8	25.0
10.6	37.5	7039.0	399.2	321.0	80.39	43.5	25.0
10.6	38.9	6951.0	412.7	328.3	79.56	45.1	25.0
10.6	39.8	6887.0	421.8	333.1	78.98	46.2	25.0
10.6	40.6	6829.0	429.8	337.4	78.52	47.2	25.0
10.6	41.5	6767.0	438.4	341.7	77.94	48.2	25.0
10.5	42.8	6677.0	451.9	348.0	77.01	49.8	25.0
10.5	44.0	6599.0	462.7	352.5	76.18	51.0	25.0
10.5	45.1	6517.0	474.2	357.1	75.30	52.3	25.0

Dateiname : ''
Datum : 08.03.2005 15:33:09

Bezeichnung : Orbit 15/18 (HP 355/15/B18 P10)
Seriennummer : 0205
Prüfnummer : 240205
Besonderes : future 18.129F

Versuchsaufbau	Messparameter
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Grundlast : 5 %	Strom von : 10 A bis : 45 A
Hebelarmlänge : 60 mm	Schrittweite : 1.0 A
Waagezelle : 50 N	Reglerausgang : 100 %
Dämpfungsfaktor: 5	
Regelzeit : 100 ms	

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
13.7	9.9	10874.0	134.7	110.8	82.20	9.7	25.0
13.6	11.0	10777.0	150.0	125.6	83.73	11.1	25.0
13.6	11.9	10703.0	162.1	137.3	84.71	12.3	25.0
13.6	12.9	10623.0	175.2	149.3	85.23	13.4	25.0
13.5	13.9	10547.0	188.1	161.8	86.03	14.7	25.0
13.5	14.8	10472.0	200.7	173.2	86.28	15.8	25.0
13.5	16.0	10389.0	215.6	186.8	86.64	17.2	25.0
13.5	16.9	10322.0	227.2	197.2	86.82	18.2	25.0
13.4	17.9	10244.0	241.0	210.7	87.41	19.6	25.0
13.4	18.9	10174.0	253.6	222.3	87.66	20.9	25.0
13.4	20.0	10096.0	267.9	234.8	87.67	22.2	25.0
13.4	20.9	10029.0	279.8	245.8	87.84	23.4	25.0
13.4	21.8	9967.0	291.0	257.0	88.33	24.6	25.0
13.3	22.8	9899.0	303.8	267.9	88.19	25.8	25.0
13.3	23.6	9840.0	314.6	277.5	88.22	26.9	25.0
13.3	24.9	9751.0	331.4	291.5	87.97	28.5	25.0
13.3	25.9	9687.0	343.1	301.3	87.82	29.7	25.0
13.2	26.7	9628.0	354.3	310.3	87.60	30.8	25.0
13.2	27.8	9557.0	367.2	320.6	87.31	32.0	25.0
13.2	28.8	9489.0	379.8	330.8	87.09	33.3	25.0
13.2	29.8	9415.0	393.3	341.3	86.76	34.6	25.0
13.2	30.8	9349.0	405.6	350.9	86.51	35.8	25.0
13.1	31.8	9282.0	417.4	359.8	86.19	37.0	25.0
13.1	32.9	9200.0	431.8	371.1	85.93	38.5	25.0
13.1	34.3	9109.0	449.2	382.8	85.22	40.1	25.0
13.1	35.2	9047.0	459.9	390.3	84.87	41.2	25.0
13.1	35.6	9008.0	465.9	394.7	84.72	41.8	25.0
13.1	36.5	8948.0	476.3	401.8	84.36	42.9	25.0
13.0	38.3	8822.0	499.1	416.8	83.50	45.1	25.0
13.0	38.7	8789.0	503.5	419.3	83.27	45.6	25.0
13.0	39.4	8734.0	512.6	424.8	82.88	46.4	25.0
13.0	40.7	8647.0	527.6	433.8	82.21	47.9	25.0
13.0	41.5	8584.0	537.9	439.5	81.70	48.9	25.0
12.9	42.8	8494.0	553.0	448.2	81.06	50.4	25.0
12.9	43.5	8437.0	561.8	452.7	80.58	51.2	25.0
12.9	44.8	8345.0	576.9	460.5	79.83	52.7	25.0

Dateiname : ''
Datum : 08.03.2005 15:33:25

Bezeichnung : Orbit 15/18 (HP 355/15/B18 P10)
Seriennummer : 0205
Prüfnummer : 240205
Besonderes : future 18.129F

Versuchsaufbau	Messparameter
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Grundlast : 5 %	Strom von : 10 A bis : 45 A
Hebelarmlänge : 60 mm	Schrittweite : 1.0 A
Waagezelle : 50 N	Reglerausgang : 100 %
Dämpfungsfaktor: 5	
Regelzeit : 100 ms	

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
15.1	10.0	12007.0	150.5	125.5	83.35	10.0	22.0
15.1	11.1	11909.0	167.5	141.8	84.65	11.4	22.0
15.1	12.0	11830.0	180.7	154.6	85.56	12.5	22.0
15.0	12.9	11752.0	194.3	168.1	86.53	13.7	22.0
15.0	13.9	11671.0	208.8	182.2	87.29	14.9	22.0
15.0	14.9	11593.0	222.6	195.4	87.79	16.1	22.0
14.9	15.9	11514.0	237.1	208.9	88.12	17.3	22.0
14.9	16.8	11440.0	250.4	221.2	88.33	18.5	22.0
14.9	17.8	11361.0	265.1	235.0	88.65	19.8	22.0
14.9	18.8	11282.0	279.7	248.5	88.82	21.0	22.0
14.8	20.0	11194.0	296.7	263.6	88.86	22.5	22.0
14.8	21.0	11124.0	310.1	275.4	88.81	23.6	22.0
14.8	21.9	11053.0	323.9	287.7	88.84	24.9	22.0
14.8	22.9	10980.0	337.5	299.6	88.77	26.1	22.0
14.7	23.8	10914.0	350.3	310.6	88.69	27.2	22.0
14.7	24.8	10838.0	365.2	323.6	88.60	28.5	22.0
14.7	25.8	10772.0	378.0	334.6	88.52	29.7	22.0
14.7	26.7	10704.0	391.1	345.6	88.36	30.8	22.0
14.6	27.7	10631.0	405.5	357.2	88.09	32.1	22.0
14.6	28.7	10561.0	419.2	368.5	87.92	33.3	22.0
14.6	29.6	10494.0	432.2	378.7	87.62	34.5	22.0
14.6	30.7	10416.0	447.5	390.9	87.36	35.8	22.0
14.5	31.7	10346.0	460.9	401.5	87.13	37.1	22.0
14.5	32.7	10275.0	474.5	412.1	86.84	38.3	22.0
14.5	33.6	10205.0	487.9	422.0	86.48	39.5	22.0
14.5	34.5	10140.0	500.1	431.1	86.19	40.6	22.0
14.4	36.3	10020.0	523.9	448.5	85.61	42.7	22.0
14.4	36.7	9985.0	530.2	452.1	85.26	43.2	22.0
14.4	37.7	9913.0	542.7	461.3	85.00	44.4	22.0
14.4	38.9	9826.0	559.1	472.3	84.47	45.9	22.0
14.4	39.9	9747.0	573.6	481.9	84.01	47.2	22.0
14.3	40.4	9706.0	580.1	485.7	83.72	47.8	22.0
14.3	42.3	9575.0	605.5	501.6	82.84	50.0	22.0
14.3	42.9	9526.0	612.9	505.8	82.53	50.7	22.0
14.3	43.4	9479.0	620.0	509.8	82.22	51.4	22.0
14.3	44.8	9379.0	638.2	520.1	81.49	53.0	22.0



Dateiname : ''
Datum : 08.03.2005 15:33:39

Bezeichnung : Orbit 15/18 (HP 355/15/B18 P10)
Seriennummer : 0205
Prüfnummer : 240205
Besonderes : future 18.129F

Versuchsaufbau	Messparameter
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Grundlast : 5 %	Strom von : 10 A bis : 45 A
Hebelarmlänge : 60 mm	Schrittweite : 1.0 A
Waagezelle : 50 N	Reglerausgang : 100 %
Dämpfungsfaktor: 5	
Regelzeit : 100 ms	

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
17.5	9.8	13920.0	171.8	136.7	79.59	9.4	22.0
17.5	11.1	13800.0	194.3	157.9	81.27	10.9	22.0
17.5	12.1	13707.0	211.7	175.9	83.07	12.3	22.0
17.4	12.9	13631.0	224.9	188.4	83.77	13.2	22.0
17.4	14.0	13535.0	243.8	206.3	84.62	14.6	22.0
17.4	14.9	13459.0	258.3	221.3	85.66	15.7	22.0
17.3	15.9	13374.0	275.4	236.7	85.94	16.9	22.0
17.3	16.9	13290.0	292.3	253.3	86.68	18.2	22.0
17.3	17.9	13208.0	309.3	269.0	86.97	19.4	22.0
17.3	18.8	13129.0	325.0	284.7	87.58	20.7	22.0
17.2	19.9	13045.0	342.6	300.6	87.75	22.0	22.0
17.2	20.8	12968.0	358.6	315.3	87.93	23.2	22.0
17.2	21.9	12889.0	375.5	330.5	88.02	24.5	22.0
17.2	22.8	12811.0	391.9	344.7	87.95	25.7	22.0
17.1	23.8	12737.0	407.6	358.4	87.95	26.9	22.0
17.1	24.8	12657.0	424.4	374.1	88.14	28.2	22.0
17.1	26.0	12570.0	443.0	389.6	87.94	29.6	22.0
17.0	27.0	12493.0	459.4	403.7	87.87	30.9	22.0
17.0	27.8	12424.0	473.8	415.1	87.61	31.9	22.0
17.0	28.8	12350.0	489.5	428.5	87.54	33.1	22.0
17.0	29.8	12271.0	506.2	442.5	87.41	34.4	22.0
17.0	30.7	12205.0	520.0	453.7	87.24	35.5	22.0
16.9	31.7	12127.0	536.3	467.5	87.18	36.8	22.0
16.9	32.5	12060.0	550.0	478.4	86.97	37.9	22.0
16.9	33.4	11988.0	564.8	489.9	86.74	39.0	22.0
16.9	34.4	11911.0	580.9	502.1	86.44	40.3	22.0
16.8	35.4	11836.0	596.1	513.1	86.09	41.4	22.0
16.8	36.5	11752.0	613.3	526.0	85.76	42.7	22.0
16.8	37.4	11679.0	628.2	536.6	85.42	43.9	22.0
16.8	38.4	11601.0	643.7	547.9	85.12	45.1	22.0
16.7	39.5	11513.0	661.4	560.5	84.75	46.5	22.0
16.7	40.3	11450.0	673.7	569.1	84.47	47.5	22.0
16.7	41.2	11375.0	688.2	578.3	84.04	48.6	22.0
16.7	42.2	11295.0	703.8	588.2	83.58	49.7	22.0
16.6	44.5	11127.0	739.0	611.3	82.73	52.5	22.0
16.6	44.9	11084.0	745.3	614.1	82.40	52.9	22.0

Dateiname : ''
Datum : 08.03.2005 15:33:54

Bezeichnung : Orbit 15/18 (HP 355/15/B18 P10)
Seriennummer : 0205
Prüfnummer : 240205
Besonderes : future 18.129F

Versuchsaufbau

Messparameter

Grundlast : 5 %
Hebelarmlänge : 60 mm
Waagezelle : 50 N
Dämpfungsfaktor: 5
Regelzeit : 100 ms

Strom von : 10 A bis : 45 A
Schrittweite : 1.0 A
Reglerausgang : 100 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
18.7	10.8	14799.0	202.0	158.4	78.42	10.2	23.0
18.7	11.0	14759.0	206.2	163.2	79.15	10.6	23.0
18.7	12.1	14654.0	226.5	182.7	80.66	11.9	23.0
18.6	13.0	14569.0	241.3	196.9	81.60	12.9	23.0
18.6	14.0	14470.0	260.3	215.2	82.67	14.2	23.0
18.6	15.0	14380.0	277.5	231.6	83.46	15.4	23.0
18.5	16.0	14288.0	296.0	250.0	84.47	16.7	23.0
18.5	16.9	14209.0	311.8	265.3	85.09	17.8	23.0
18.5	18.0	14109.0	332.4	285.5	85.89	19.3	23.0
18.4	18.9	14035.0	348.0	299.7	86.11	20.4	23.0
18.4	19.8	13960.0	363.7	315.1	86.64	21.6	23.0
18.4	20.9	13865.0	384.3	334.1	86.93	23.0	23.0
18.3	21.8	13793.0	399.4	347.6	87.03	24.1	23.0
18.3	22.8	13707.0	418.2	364.7	87.22	25.4	23.0
18.3	23.8	13626.0	436.2	380.6	87.25	26.7	23.0
18.3	24.8	13553.0	452.2	395.4	87.43	27.9	23.0
18.2	25.9	13459.0	473.0	413.2	87.36	29.3	23.0
18.2	26.9	13384.0	489.2	427.3	87.34	30.5	23.0
18.2	27.8	13310.0	505.8	442.7	87.54	31.8	23.0
18.2	28.7	13243.0	520.4	455.5	87.52	32.8	23.0
18.1	29.6	13168.0	536.2	469.0	87.46	34.0	23.0
18.1	30.6	13087.0	554.2	483.6	87.25	35.3	23.0
18.1	32.4	12950.0	585.6	508.9	86.90	37.5	23.0
18.0	33.4	12868.0	603.1	523.0	86.71	38.8	23.0
18.0	33.9	12830.0	610.2	528.5	86.61	39.3	23.0
18.0	34.5	12775.0	621.8	537.9	86.50	40.2	23.0
18.0	35.4	12700.0	637.2	549.6	86.25	41.3	23.0
17.9	36.6	12609.0	657.1	565.0	85.99	42.8	23.0
17.9	37.5	12540.0	671.5	576.5	85.85	43.9	23.0
17.9	38.4	12467.0	686.9	586.9	85.44	45.0	23.0
17.9	39.3	12391.0	702.6	599.2	85.29	46.2	23.0
17.8	41.3	12240.0	735.9	621.5	84.45	48.5	23.0
17.8	41.8	12193.0	744.2	627.7	84.34	49.2	23.0
17.8	42.6	12124.0	757.7	635.9	83.93	50.1	23.0
17.8	43.5	12048.0	772.6	646.5	83.67	51.2	23.0
17.8	44.2	11981.0	785.3	653.9	83.27	52.1	23.0

Dateiname : ''
Datum : 08.03.2005 15:34:09

Bezeichnung : Orbit 15/18 (HP 355/15/B18 P10)
Seriennummer : 0205
Prüfnummer : 240205
Besonderes : future 18.129F

Versuchsaufbau

Grundlast : 5 %
Hebelarmlänge : 60 mm
Waagezelle : 50 N
Dämpfungsfaktor: 5
Regelzeit : 100 ms

Messparameter

Strom von : 10 A bis : 45 A
Schrittweite : 1.0 A
Reglerausgang : 100 %

Spannung [V]	Strom [A]	Drehzahl [U/min]	Pin [W]	Pout [W]	Wirkungsgrad [%]	Drehmoment [Ncm]	Temp. [°C]
21.2	9.8	16786.0	208.4	155.4	74.56	8.8	23.0
21.1	11.1	16649.0	234.5	181.7	77.49	10.4	23.0
21.1	12.0	16549.0	254.1	201.5	79.30	11.6	23.0
21.1	13.1	16436.0	276.3	223.5	80.87	13.0	23.0
21.0	13.8	16359.0	290.6	237.2	81.64	13.8	23.0
21.0	14.9	16249.0	312.8	259.1	82.83	15.2	23.0
20.9	16.0	16144.0	334.4	279.7	83.63	16.5	23.0
20.9	16.9	16056.0	353.5	297.7	84.22	17.7	23.0
20.9	17.8	15967.0	371.7	315.6	84.91	18.9	23.0
20.8	18.8	15875.0	392.3	334.6	85.29	20.1	23.0
20.8	19.8	15784.0	411.9	353.1	85.72	21.4	23.0
20.8	20.8	15697.0	431.6	371.6	86.11	22.6	23.0
20.7	21.8	15602.0	452.4	390.3	86.26	23.9	23.0
20.7	22.7	15519.0	470.8	408.0	86.65	25.1	23.0
20.7	23.5	15451.0	485.9	421.3	86.71	26.0	23.0
20.6	25.0	15325.0	515.0	447.7	86.92	27.9	23.0
20.6	25.9	15247.0	533.3	464.0	87.00	29.1	23.0
20.6	26.9	15155.0	554.2	481.8	86.94	30.4	23.0
20.5	27.8	15077.0	571.9	497.9	87.06	31.5	23.0
20.5	28.9	14985.0	593.0	516.1	87.03	32.9	23.0
20.5	30.0	14895.0	614.1	533.9	86.94	34.2	23.0
20.5	30.7	14829.0	628.3	546.0	86.89	35.2	23.0
20.4	31.7	14747.0	647.3	562.2	86.87	36.4	23.0
20.4	32.7	14659.0	667.7	579.4	86.78	37.7	23.0
20.4	33.7	14575.0	686.2	593.2	86.45	38.9	23.0
20.3	34.8	14481.0	708.3	610.0	86.12	40.2	23.0
20.3	35.8	14398.0	726.5	625.6	86.10	41.5	23.0
20.3	36.7	14321.0	743.8	639.4	85.97	42.6	23.0
20.2	37.7	14233.0	763.5	654.0	85.66	43.9	23.0
20.2	38.6	14153.0	781.0	666.8	85.37	45.0	23.0
20.2	39.7	14062.0	801.4	682.0	85.10	46.3	23.0
20.2	40.6	13980.0	819.0	695.1	84.87	47.5	23.0
20.1	41.7	13888.0	839.0	709.6	84.57	48.8	23.0
20.1	42.7	13800.0	857.6	722.6	84.26	50.0	23.0
20.1	43.5	13728.0	872.8	732.6	83.93	51.0	23.0
20.0	44.4	13647.0	889.4	744.5	83.70	52.1	23.0