

Messungen Ebene Platte (GWK3) vor Kanal MWK1 18.02.2018

g =	9.8066 m/s ²	Erdbeschleunigung
s =	0.3 m	Spannweite
l =	0.075 m	Flügeltiefe
A =	0.0225 m ²	Grundfläche
rho =	1.2 kg/m ³	Luftdichte (20° C, 40 % rel. Feuchtigkeit)
1/2*rho*A =	0.0135 kg/m	= 13.5 g/m

Der Support steht beim MWK1 teils im Luftstrom. F_A und F_W ohne Tragfläche gemessen.		
Support	<F_A_S>	<F_W_S>
bei 12 m/s	36.33	245.31 [mN]
Widerstand und Auftrieb um F_X_S korrigiert. X steht für A bzw. W.		
Waagen mit 1000 g Messbereich		
Ruhewerte als Mittelwerte abgezogen.		
Waage A	877.425 g	
Waage B	364.95 g	

Waagen ohne Wägeplatten mit Halterung haben beide den Wert 0 g.
Mittelwerte jeweils über 12 Messungen.
Korrektur mit Supportdaten erst bei den Mittelwerten <F_A> und <F_W>.

Messung der Wägeplatten mit Halterung

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
0	0	12:52	37.208	183.9	181.8						
		12:52	37.768	183.9	181.8						
		12:52	37.928	183.9	181.8						
		12:52	38.528	183.9	181.8						
		12:52	38.828	183.9	181.8						
		12:52	39.438	183.9	181.8						

Messung Support mit Aluplatte

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	Waage A	Waage B	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	-(A+W) [g]	W [g]	[mN]	[mN]	[-]	[-]
0	0	12:56	35.619	877.8	364.7	877.425	364.95				
		12:56	36.179	877.8	364.7						
		12:56	37.369	877.8	364.7						
		12:56	37.669	877.8	364.7						
		12:56	37.969	877.8	364.7						
		12:56	38.289	877.8	364.7						
Wiederholungsmessung		14:14	45.835	877.2	365.1						
		14:14	46.425	877.2	365.1						
		14:14	47.945	877.2	365.1						
		14:14	48.195	877.2	365.1						
		14:14	48.505	877.2	365.1						
		14:14	48.805	877.2	365.1						

Hinweis 1. Die durchgehenden Datenzeilen mit den Mittelwerten können für das Tabellenblatt "Auswertung" in einem Kopiervorgang kopiert werden:
- Zeilennummer anklicken
- zur nächsten Zeile gehen und diese mit gedrückter STRG/CTRL-Taste anklicken.
Die Mittelwerte sind über 12 Einzelwerte gemittelt.

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

14:14	49.105	877.2	365.1
14:14	49.395	877.2	365.1
14:14	49.995	877.2	365.1
14:14	50.625	877.2	365.1

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	0	12:58	27.449	854.6	398.1	-101.25	325.09	-156.46	84.19	-0.080	0.043
		12:58	28.29	855.9	398	-113.02	324.11				
		12:58	28.329	855.7	399.1	-121.85	334.90				
		12:58	28.919	855.8	399	-121.85	333.91				
		12:58	29.479	857.4	398.6	-133.61	329.99				
		12:58	30.119	856.1	398.6	-120.87	329.99				
		12:58	30.409	855.4	398.8	-115.96	331.95				
		12:58	31.39	857	398.2	-125.77	326.07				
		12:58	32.199	856.5	398.5	-123.81	329.01				
		12:58	32.499	856.7	398.5	-125.77	329.01				
		12:58	32.799	856.4	398.6	-123.81	329.99				
		12:58	33.89	855.4	398.6	-114.00	329.99				
		12:58	33.659	855	398.2	-106.16	326.07				
		12:58	34.9	858.2	397.3	-128.71	317.24				

Hinweis 2. Die Korrektur der Werte mit den Daten des Supports erfolgt erst bei den Mittelwerten. Das Konzept der Waagenanordnung bedingt, dass für den {Messwert} gilt:
 $\{Waage A\} * g = -(\{F_A\} + \{F_W\})$
 Deshalb ergibt sich F_A aus
 $F_A = [-\{Waage A\} - \{Waage B\}] * g$
 Für die **Bildung der Mittelwerte** gilt z.B. bei 12 m/s und 2 deg Anstellwinkel:
 $I65 = MITTELWERT(G65:G76) - \$J\$6 = 60.59$
 $J65 = MITTELWERT(H65:H76) - \$K\$6 = 90.89$

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	2	13:01	5.219	834.4	399.5	83.11	338.82	60.59	90.89	0.031	0.047
		13:01	5.839	834.7	399.4	81.15	337.84				
		13:01	6.429	834.4	399.9	79.19	342.74				
		13:01	6.729	835.3	398.3	86.05	327.05				
		13:01	7.319	833.2	399.2	97.82	335.88				
		13:01	7.929	831.7	399.7	107.63	340.78				
		13:01	9.399	832.8	399	103.70	333.91				
		13:01	9.709	832.9	399.5	97.82	338.82				
		13:01	10.9	831.8	399.5	108.61	338.82				
		13:01	10.299	833.5	399.2	94.88	335.88				
		13:01	10.619	832.9	398.7	105.67	330.97				
		13:01	10.909	831.5	398.9	117.43	332.93				
		13:01	11.499	833.9	399.9	84.09	342.74				

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Messung vom 18.02.2018

13:01	11.799	833.4	399.2	95.86	335.88
13:01	12.399	834.7	399.6	79.19	339.80

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	4	13:02	46.959	813.5	401	273.36	353.53	262.93	107.15	0.135	0.055
		13:02	47.259	812.3	400.5	290.03	348.62				
		13:02	47.869	813.4	400	284.15	343.72				
		13:02	48.409	812.8	400.1	289.05	344.70				
		13:02	49.319	814	400.1	277.28	344.70				
		13:02	49.639	811	400.8	299.84	351.57				
		13:02	49.939	809.8	401.3	306.70	356.47				
		13:02	50.549	810.4	401.3	300.82	356.47				
		13:02	52.19	808.3	401.1	323.37	354.51				
		13:02	52.329	808.7	401.1	319.45	354.51				
		13:02	52.629	809	401.5	312.59	358.43				
		13:02	52.909	808.4	401.9	314.55	362.35				
		13:02	53.239	808.4	401.9	314.55	362.35				
		13:02	53.489	808.9	401.9	309.64	362.35				
		13:02	54.109	809.2	400.2	323.37	345.68				
		13:02	54.709	807.8	401.4	325.33	357.45				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	6	13:04	8.419	781.3	404.7	552.85	389.81	524.93	140.99	0.270	0.073
		13:04	8.989	779.7	404.7	568.54	389.81				
		13:04	9.279	778.6	405.2	574.42	394.72				
		13:04	10.739	782.3	404.2	547.94	384.91				
		13:04	11.69	781.4	404.2	556.77	384.91				
		13:04	11.369	781.3	404.5	554.81	387.85				
		13:04	11.629	782.4	404.3	545.98	385.89				
		13:04	11.959	781.6	403.7	559.71	380.01				
		13:04	12.559	778.7	404.6	579.32	388.83				
		13:04	12.879	779.6	404.2	574.42	384.91				
		13:04	13.449	780.2	404	570.50	382.95				
		13:04	14.59	782.5	403.8	549.91	380.99				
		13:04	14.349	782.9	405	534.21	392.75				
		13:04	14.949	783.1	404.2	540.10	384.91				
		13:04	15.579	781.4	403.7	561.67	380.01				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	8	13:05	11.639	750.6	410.1	800.95	442.77	776.23	198.19	0.399	0.102
		13:05	11.919	751.2	410.1	795.07	442.77				
		13:05	12.239	751.2	410.5	791.15	446.69				
		13:05	12.819	748.5	410.8	814.68	449.63				
		13:05	13.119	747.8	410.8	821.55	449.63				
		13:05	13.749	750	410.1	806.84	442.77				
		13:05	14.279	747	410.7	830.37	448.65				
		13:05	14.909	750.5	409.5	807.82	436.88				
		13:05	15.199	750.2	409.8	807.82	439.83				
		13:05	15.809	748.1	410.4	822.53	445.71				
		13:05	35.499	748.8	409.4	825.47	435.90				
		13:05	35.789	748.2	409.9	826.45	440.81				
		13:05	36.89	748.2	410.3	822.53	444.73				
		13:05	36.349	750.3	409.7	807.82	438.85				
		13:05	36.699	751	409.4	803.90	435.90				
		13:05	36.989	749.6	409.7	814.68	438.85				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	10	13:07	32.43	721.7	414.7	1,039.25	487.88	1,028.17	246.49	0.529	0.127
		13:07	32.98	720.3	415.6	1,044.16	496.70				
		13:07	33.59	720.3	415.3	1,047.10	493.76				
		13:07	33.91	719.7	414.8	1,057.89	488.86				
		13:07	34.48	718.6	415.4	1,062.79	494.74				
		13:07	35.1	713.5	415.2	1,114.77	492.78				
		13:07	36.27	717.1	415.3	1,078.48	493.76				
		13:07	36.6	718.7	415.3	1,062.79	493.76				
		13:07	36.87	719.1	415.2	1,059.85	492.78				
		13:07	37.16	718.3	415	1,069.65	490.82				
		13:07	37.46	717.6	415	1,076.52	490.82				
		13:07	38.6	719.8	414.4	1,060.83	484.94				
		13:07	38.62	717.9	414.7	1,076.52	487.88				
		13:07	38.95	716.9	415.3	1,080.44	493.76				
		13:07	39.54	716.5	415.2	1,085.35	492.78				
		13:07	40.15	719	415.7	1,055.93	497.68				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	12	13:08	27.6	686.7	422.6	1,305.01	565.35	1,259.04	313.09	0.648	0.161
		13:08	28.14	686.3	421.9	1,315.80	558.49				
		13:08	28.45	686.4	422	1,313.84	559.47				
		13:08	29.4	690.5	421	1,283.44	549.66				
		13:08	29.68	693.7	420.8	1,254.02	547.70				
		13:08	30.83	689	421.9	1,289.32	558.49				
		13:08	31.13	688.7	422.1	1,290.30	560.45				
		13:08	31.44	688.8	422.3	1,287.36	562.41				
		13:08	31.73	688	422.2	1,296.19	561.43				
		13:08	32.3	686.9	421.9	1,309.92	558.49				
		13:08	32.62	687.3	421.6	1,308.94	555.54				
		13:08	33.22	688.4	422.4	1,290.30	563.39				
		13:08	33.52	689.9	421.6	1,283.44	555.54				
		13:08	34.14	688.5	422.1	1,292.26	560.45				
		13:08	34.73	689.8	422	1,280.50	559.47				
		13:08	35.31	688.5	421.4	1,299.13	553.58				
		13:08	35.57	687.4	422.1	1,303.05	560.45				
		13:08	37.1	687.3	422.6	1,299.13	565.35				
		13:08	37.39	686.6	422.4	1,307.96	563.39				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	14	13:10	29.26	664.5	429.4	1,456.03	632.04	1,425.10	393.83	0.733	0.203
		13:10	29.55	663.1	430.1	1,462.90	638.90				
		13:10	30.15	664.7	429.9	1,449.17	636.94				
		13:10	31.62	665.3	429.7	1,445.25	634.98				
		13:10	31.65	662	430.7	1,467.80	644.78				
		13:10	31.9	660.8	431.1	1,475.65	648.71				
		13:10	32.23	661.2	431.4	1,468.78	651.65				
		13:10	32.84	662.2	430.4	1,468.78	641.84				
		13:10	33.43	663.1	430.1	1,462.90	638.90				
		13:10	33.72	663.2	429.9	1,463.88	636.94				
		13:10	34.34	664.9	428.8	1,458.00	626.15				
		13:10	34.91	663.7	430	1,458.00	637.92				
		13:10	35.48	664.6	429.7	1,452.11	634.98				
		13:10	35.81	663	431	1,455.05	647.73				
		13:10	36.41	663.1	429.2	1,471.73	630.07				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	16	13:11	46.18	650.5	435.8	1,530.57	694.80	1,491.13	450.79	0.767	0.232
		13:11	46.79	650	435.8	1,535.47	694.80				
		13:11	47.7	651.4	435.5	1,524.68	691.86				
		13:11	47.67	654.2	434.6	1,506.05	683.03				
		13:11	48.27	654	434.6	1,508.01	683.03				
		13:11	48.57	650.9	435.9	1,525.66	695.78				
		13:11	49.17	648.9	436.4	1,540.37	700.68				
		13:11	50.36	649.3	437	1,530.57	706.57				
		13:11	50.64	647.7	437.3	1,543.31	709.51				
		13:11	50.94	648.4	436.8	1,541.35	704.60				
		13:11	51.27	650.7	436.3	1,523.70	699.70				
		13:11	51.84	652.2	435.2	1,519.78	688.91				
		13:11	52.14	650.9	435.3	1,531.55	689.89				
		13:11	52.73	653.2	434.2	1,519.78	679.11				
		13:11	53.33	651.6	434.9	1,528.60	685.97				
		13:11	53.66	652.1	435.1	1,521.74	687.93				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	18	13:12	55.4	640.4	443	1,559.00	765.41	1,548.58	519.11	0.797	0.267
		13:12	55.68	635.2	443.1	1,609.02	766.39				
		13:12	57.16	640.2	442.5	1,565.87	760.50				
		13:12	57.46	637.6	442.5	1,591.37	760.50				
		13:12	57.72	638.9	442.5	1,578.62	760.50				
		13:12	58.4	638.9	442.7	1,576.66	762.46				
		13:12	58.36	636.9	443.5	1,588.42	770.31				
		13:12	58.95	636.3	443.9	1,590.39	774.23				
		13:12	59.26	637.4	442.5	1,593.33	760.50				
		13:12	59.86	638	442.7	1,585.48	762.46				
		13:13	0.45	636.9	443.2	1,591.37	767.37				
		13:13	0.74	637.6	442.7	1,589.40	762.46				
		13:13	1.33	640.2	443	1,560.97	765.41				
		13:13	1.93	638.6	443.5	1,571.75	770.31				

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U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	20	13:14	6.67	629.3	449	1,609.02	824.24	1,564.68	568.88	0.805	0.293
		13:14	7.24	631.9	448.2	1,591.37	816.40				
		13:14	7.51	632.2	448	1,590.39	814.44				
		13:14	8.12	629.3	447.9	1,619.81	813.46				
		13:14	9.61	630.9	447.8	1,605.10	812.48				
		13:14	9.87	631.7	448.3	1,592.35	817.38				
		13:14	10.2	631.6	447.9	1,597.25	813.46				
		13:14	10.51	630.3	447.9	1,610.00	813.46				
		13:14	10.79	629.6	448.3	1,612.94	817.38				
		13:14	11.1	630.6	447.7	1,609.02	811.50				
		13:14	11.69	632.4	447.5	1,593.33	809.53				
		13:14	12.3	633.9	447.2	1,581.56	806.59				
		13:14	12.89	631.9	447.8	1,595.29	812.48				
		13:14	13.2	631.2	448.1	1,599.21	815.42				
		13:14	13.79	633.9	447.5	1,578.62	809.53				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	22	13:15	10.17	623.1	455.6	1,605.10	888.97	1,570.72	637.77	0.808	0.328
		13:15	10.46	624.6	455.5	1,591.37	887.99				
		13:15	10.76	624.7	455.1	1,594.31	884.06				
		13:15	11.37	622.9	455.1	1,611.96	884.06				
		13:15	11.65	623.7	454.3	1,611.96	876.22				
		13:15	12.24	625.6	454.6	1,590.39	879.16				
		13:15	12.85	626.2	454.1	1,589.40	874.26				
		13:15	13.15	622	455.1	1,620.79	884.06				
		13:15	13.7	624.8	454.8	1,596.27	881.12				
		13:15	14.33	622.3	455.4	1,614.90	887.01				
		13:15	15.95	619.9	455.4	1,638.44	887.01				
		13:15	16.12	622.2	455	1,619.81	883.08				
		13:15	16.42	623.4	455.2	1,606.08	885.05				
		13:15	16.73	623.8	455.1	1,603.13	884.06				

Messprotokoll und Auswertung für Waage GWK3

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	24	13:16	14.52	616.9	461	1,612.94	941.92	1,550.95	694.16	0.798	0.357
		13:16	14.85	619.9	461.7	1,576.66	948.79				
		13:16	16.34	618.1	460.5	1,606.08	937.02				
		13:16	16.64	620.4	460.5	1,583.52	937.02				
		13:16	16.95	623.2	460.6	1,555.08	938.00				
		13:16	17.54	620.9	460.6	1,577.64	938.00				
		13:16	17.8	621.1	461.1	1,570.77	942.90				
		13:16	18.46	622.5	459.3	1,574.69	925.25				
		13:16	19.3	617.3	459.7	1,621.77	929.18				
		13:16	19.33	617.4	461.6	1,602.15	947.81				
		13:16	19.93	619.5	461.2	1,585.48	943.89				
		13:16	20.51	620	461.2	1,580.58	943.89				
		13:16	20.82	622.1	459.9	1,572.73	931.14				
		13:16	22.38	618.7	461.5	1,590.39	946.83				
		13:16	22.61	618.6	460.9	1,597.25	940.94				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	26	13:17	19.58	618.1	465.4	1,558.02	985.07	1,533.13	748.83	0.789	0.385
		13:17	19.87	616.1	466	1,571.75	990.96				
		13:17	20.49	618.5	465.4	1,554.10	985.07				
		13:17	21.7	614.6	467.3	1,573.71	1,003.71				
		13:17	21.37	615.5	468	1,558.02	1,010.57				
		13:17	22.84	616.1	465.9	1,572.73	989.98				
		13:17	23.18	618	465.4	1,559.00	985.07				
		13:17	23.45	616.9	465.8	1,565.87	989.00				
		13:17	23.75	615.1	466	1,581.56	990.96				
		13:17	24.5	615.9	466	1,573.71	990.96				
		13:17	24.67	612.2	467.7	1,593.33	1,007.63				
		13:17	24.95	615.1	467	1,571.75	1,000.76				
		13:17	25.54	615.6	466.9	1,567.83	999.78				
		13:17	26.15	617.1	465.9	1,562.93	989.98				
		13:17	26.44	615.7	466.8	1,567.83	998.80				
		13:17	27.5	617.4	466	1,559.00	990.96				
		13:17	27.63	613.5	467.3	1,584.50	1,003.71				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	28	13:18	24.3	618.8	469.5	1,510.95	1,025.28	1,496.11	792.23	0.770	0.408
		13:18	24.3	617.4	470.5	1,514.87	1,035.09				
		13:18	25.21	615	470.5	1,538.41	1,035.09				
		13:18	25.81	616.2	470.5	1,526.64	1,035.09				
		13:18	26.1	611.9	471.9	1,555.08	1,048.82				
		13:18	26.72	608.5	473.3	1,574.69	1,062.55				
		13:18	27.29	616.3	469.9	1,531.55	1,029.20				
		13:18	27.58	613.7	470.7	1,549.20	1,037.05				
		13:18	29.39	614.7	470.2	1,544.29	1,032.14				
		13:18	29.68	617.2	471.1	1,510.95	1,040.97				
		13:18	29.96	617	470.6	1,517.82	1,036.07				
		13:18	30.27	617.6	470.3	1,514.87	1,033.13				
		13:18	30.86	613.8	470.3	1,552.14	1,033.13				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	30	13:19	26.931	608.4	476.4	1,545.27	1,092.95	1,510.74	850.82	0.777	0.438
		13:19	27.481	613	475.4	1,509.97	1,083.14				
		13:19	28.111	610.2	476.4	1,527.62	1,092.95				
		13:19	28.701	603.5	478.2	1,575.68	1,110.60				
		13:19	29.901	603.3	478.3	1,576.66	1,111.58				
		13:19	30.191	607.7	477.4	1,542.33	1,102.75				
		13:19	30.491	608.9	476.9	1,535.47	1,097.85				
		13:19	30.801	607.6	477	1,547.24	1,098.83				
		13:19	31.91	609.7	476.2	1,534.49	1,090.98				
		13:19	31.701	610.5	475.6	1,532.53	1,085.10				
		13:19	32.301	606.1	475.7	1,574.69	1,086.08				
		13:19	32.591	605.8	477.2	1,562.93	1,100.79				
		13:19	33.181	609.2	477.9	1,522.72	1,107.66				
		13:19	33.801	610.4	476.7	1,522.72	1,095.89				
		13:19	34.81	606.6	477.9	1,548.22	1,107.66				

Messprotokoll und Auswertung für Waage GWK3

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	32	13:20	35.211	597.2	484.5	1,575.68	1,172.38	1,507.39	915.63	0.775	0.471
		13:20	36.391	601.3	483.4	1,546.26	1,161.59				
		13:20	36.681	602.9	482.8	1,536.45	1,155.71				
		13:20	36.971	603.6	482.9	1,528.60	1,156.69				
		13:20	37.291	603.4	483	1,529.58	1,157.67				
		13:20	37.891	597.7	484.5	1,570.77	1,172.38				
		13:20	38.181	596.7	484.9	1,576.66	1,176.30				
		13:20	38.761	601.3	483.7	1,543.31	1,164.53				
		13:20	39.321	604.5	482.6	1,522.72	1,153.75				
		13:20	39.961	601.1	483.7	1,545.27	1,164.53				
		13:20	40.251	605.5	481.7	1,521.74	1,144.92				
		13:20	40.851	604.3	482.3	1,527.62	1,150.80				
		13:20	42.371	602.4	483.4	1,535.47	1,161.59				
		13:20	42.631	603.5	483.6	1,522.72	1,163.55				
		13:20	42.941	601.3	483.6	1,544.29	1,163.55				
		13:20	43.251	600.8	483.8	1,547.24	1,165.51				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	34	13:21	41.381	595.6	491.8	1,519.78	1,243.97	1,478.62	980.43	0.761	0.504
		13:21	42.831	603.2	487.4	1,488.40	1,200.82				
		13:21	43.161	602.2	488.3	1,489.38	1,209.64				
		13:21	43.481	601.6	488.4	1,494.28	1,210.62				
		13:21	43.751	600	488.6	1,508.01	1,212.59				
		13:21	44.61	597.8	490.1	1,514.87	1,227.30				
		13:21	44.671	596.8	490.2	1,523.70	1,228.28				
		13:21	44.951	597.8	491.8	1,498.20	1,243.97				
		13:21	45.541	598.5	491	1,499.18	1,236.12				
		13:21	46.121	594.4	490.5	1,544.29	1,231.22				
		13:21	46.441	597.8	489.8	1,517.82	1,224.35				
		13:21	47.51	589.7	491.4	1,581.56	1,240.04				
		13:21	47.641	596.9	490.8	1,516.84	1,234.16				
		13:21	48.841	591.6	492	1,557.04	1,245.93				
		13:21	49.131	590.6	491	1,576.66	1,236.12				

Messprotokoll und Auswertung für Waage GWK3

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	36	13:22	45.811	597.3	494.7	1,474.67	1,272.41	1,468.33	1,032.49	0.755	0.531
		13:22	46.411	588.9	496	1,544.29	1,285.15				
		13:22	46.701	592.4	495.1	1,518.80	1,276.33				
		13:22	47.311	597.6	493.4	1,484.47	1,259.66				
		13:22	47.901	593.1	492.8	1,534.49	1,253.77				
		13:22	49.391	590.8	495.7	1,528.60	1,282.21				
		13:22	49.711	593.3	496.2	1,499.18	1,287.12				
		13:22	49.981	597.3	495.1	1,470.74	1,276.33				
		13:22	50.291	596	493.7	1,497.22	1,262.60				
		13:22	50.591	596.1	494.7	1,486.44	1,272.41				
		13:22	50.881	592.6	498	1,488.40	1,304.77				
		13:22	51.481	588.9	497.6	1,528.60	1,300.85				
		13:22	51.771	590.3	497.2	1,518.80	1,296.92				
		13:22	52.381	591.8	495.9	1,516.84	1,284.17				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	38	13:23	38.941	579.8	505.6	1,539.39	1,379.30	1,440.95	1,098.19	0.741	0.565
		13:23	39.521	590.9	501.4	1,471.73	1,338.11				
		13:23	39.821	589.5	502.3	1,476.63	1,346.94				
		13:23	40.421	594.5	499.9	1,451.13	1,323.40				
		13:23	41.21	595.9	499.8	1,438.38	1,322.42				
		13:23	41.331	590	504	1,455.05	1,363.61				
		13:23	41.921	587.4	502.6	1,494.28	1,349.88				
		13:23	43.511	591	501	1,474.67	1,334.19				
		13:23	43.711	592.8	500.7	1,459.96	1,331.25				
		13:23	44.31	591.4	501.2	1,468.78	1,336.15				
		13:23	44.311	589.5	501.6	1,483.49	1,340.07				
		13:23	44.611	584.7	503.3	1,513.89	1,356.74				
		13:23	45.201	588.4	502.6	1,484.47	1,349.88				
		13:23	45.541	591.3	501.7	1,464.86	1,341.05				
		13:23	46.91	586.2	502.9	1,503.11	1,352.82				

Messprotokoll und Auswertung für Waage GWK3

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	40	13:24	48.811	585.2	509.2	1,451.13	1,414.60	1,418.23	1,154.01	0.730	0.594
		13:24	50.301	581.8	509.8	1,478.59	1,420.49				
		13:24	50.591	583.5	509.7	1,462.90	1,419.51				
		13:24	50.891	588.6	508.4	1,425.63	1,406.76				
		13:24	51.201	589.7	505.9	1,439.36	1,382.24				
		13:24	51.441	587.3	506.8	1,454.07	1,391.07				
		13:24	52.81	587.8	506.7	1,450.15	1,390.09				
		13:24	52.361	585.4	507.5	1,465.84	1,397.93				
		13:24	52.981	589.7	505.9	1,439.36	1,382.24				
		13:24	53.561	583.4	508	1,480.55	1,402.83				
		13:24	53.871	587.6	506.7	1,452.11	1,390.09				
		13:24	54.461	586.9	507.1	1,455.05	1,394.01				
		13:24	56.41	584.6	508.3	1,465.84	1,405.78				
		13:24	56.251	591	505.4	1,431.52	1,377.34				
		13:24	56.541	584	510.2	1,453.09	1,424.41				
		13:24	56.851	574	513.3	1,520.76	1,454.81				
		13:24	57.151	578.9	510.1	1,504.09	1,423.43				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	50	13:26	13.361	568.3	538.2	1,332.47	1,698.99	1,305.62	1,451.88	0.672	0.747
		13:26	14.491	568.3	539.1	1,323.65	1,707.82				
		13:26	14.721	565.6	538.5	1,356.01	1,701.94				
		13:26	15.21	567.5	538.5	1,337.38	1,701.94				
		13:26	15.921	568.9	537.7	1,331.49	1,694.09				
		13:26	16.541	571.2	535.9	1,326.59	1,676.44				
		13:26	16.811	568.4	537.2	1,341.30	1,689.19				
		13:26	17.401	567.2	538.2	1,343.26	1,698.99				
		13:26	18.1	569.4	537.2	1,331.49	1,689.19				
		13:26	18.621	565.6	538.3	1,357.97	1,699.97				
		13:26	18.911	563.1	539.6	1,369.74	1,712.72				
		13:26	19.511	566.7	537.8	1,352.08	1,695.07				
		13:26	20.991	568.6	537.7	1,334.43	1,694.09				
		13:26	21.291	565.6	538.9	1,352.08	1,705.86				
		13:26	21.601	568.9	539.4	1,314.82	1,710.76				
		13:26	21.881	567.2	537.8	1,347.18	1,695.07				
		13:26	22.141	562.2	540.5	1,369.74	1,721.55				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

13:26	22.471	565.6	539.5	1,346.20	1,711.74
13:26	23.101	566.8	537.6	1,353.07	1,693.11
13:26	23.671	569.7	536.9	1,331.49	1,686.24
13:26	24.241	568.9	536.7	1,341.30	1,684.28
13:26	24.571	570.1	537	1,326.59	1,687.23
13:26	25.161	566.5	539.7	1,335.41	1,713.70
13:26	26.831	563.1	537.3	1,392.29	1,690.17
13:26	27.251	569.3	538.9	1,315.80	1,705.86
13:26	27.541	565.4	540.2	1,341.30	1,718.61
13:26	28.161	559.2	541.9	1,385.43	1,735.28
13:26	28.461	563.2	539.8	1,366.79	1,714.68
13:26	29.51	565	538.8	1,358.95	1,704.88
13:26	29.641	567.9	538.9	1,329.53	1,705.86

U0	alfa S	Uhrzeit	Messzeit	Waage A	Waage B	F A	F W	<F A>	<F W>	<c A>	<C W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	60	13:27	31.721	557.3	567.9	1,149.09	1,990.25	1,095.84	1,725.08	0.564	0.887
		13:27	33.511	557.4	570.6	1,121.63	2,016.73				
		13:27	33.801	558.2	567.4	1,145.17	1,985.35				
		13:27	34.91	561.8	565.6	1,127.51	1,967.69				
		13:27	34.391	560.8	565.7	1,136.34	1,968.67				
		13:27	34.981	560.7	565.9	1,135.36	1,970.64				
		13:27	35.571	561.7	565.5	1,129.48	1,966.71				
		13:27	35.881	561.1	565.9	1,131.44	1,970.64				
		13:27	36.481	567.5	562.6	1,101.04	1,938.27				
		13:27	37.81	565.8	562.2	1,121.63	1,934.35				
		13:27	37.371	561	564.7	1,144.19	1,958.87				
		13:27	37.971	559.3	566.5	1,143.20	1,976.52				
		13:27	39.461	563.8	564.4	1,119.67	1,955.93				
		13:27	39.751	560.8	565.9	1,134.38	1,970.64				
		13:27	40.51	559.4	566.2	1,145.17	1,973.58				
		13:27	40.361	558	566.9	1,152.03	1,980.44				
		13:27	40.651	560.6	566	1,135.36	1,971.62				
		13:27	40.961	563.3	567.1	1,098.09	1,982.40				
		13:27	41.561	556.6	568.7	1,148.11	1,998.09				
		13:27	42.151	558.9	567.5	1,137.32	1,986.33				
		13:27	42.441	559.5	566.9	1,137.32	1,980.44				
		13:27	43.71	562.8	566	1,113.78	1,971.62				
		13:27	43.641	563.6	564.3	1,122.61	1,954.95				

Messprotokoll und Auswertung für Waage GWK3

13:27	44.251	559.9	566.8	1,134.38	1,979.46
13:27	45.441	560	564.4	1,156.93	1,955.93
13:27	45.751	564.1	565.8	1,103.00	1,969.66
13:27	46.21	561.4	566.4	1,123.59	1,975.54
13:27	46.331	560.3	565.6	1,142.22	1,967.69
13:27	46.621	560.8	566.9	1,124.57	1,980.44
13:27	47.221	562	565.9	1,122.61	1,970.64
13:27	47.821	561.6	565.9	1,126.53	1,970.64
13:27	48.121	560.5	566.3	1,133.40	1,974.56
13:27	48.701	559.9	566.4	1,138.30	1,975.54
13:27	49.291	564.3	563.3	1,125.55	1,945.14
13:27	49.611	566.1	561.8	1,122.61	1,930.43

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	90	13:29	9.951	611	610.3	206.67	2,406.05	164.95	2,164.82	0.085	1.114
		13:29	10.221	610.6	610.6	207.65	2,408.99				
		13:29	10.551	610.3	611.7	199.81	2,419.78				
		13:29	10.831	609.6	612.1	202.75	2,423.70				
		13:29	11.121	610.2	611.6	201.77	2,418.80				
		13:29	11.731	613.1	609.6	192.94	2,399.18				
		13:29	12.331	607.8	613.4	207.65	2,436.45				
		13:29	12.911	612.3	612.3	174.31	2,425.66				
		13:29	13.231	613.5	607.5	209.62	2,378.59				
		13:29	13.821	613.8	609	191.96	2,393.30				
		13:29	14.421	610.9	610.2	208.64	2,405.07				
		13:29	14.731	610.5	610.3	211.58	2,406.05				
		13:29	16.191	608.8	612.7	204.71	2,429.59				
		13:29	16.501	608.2	613.4	203.73	2,436.45				
		13:29	16.801	607.2	614.2	205.69	2,444.30				
		13:29	17.91	609.8	611.1	210.60	2,413.89				
		13:29	17.411	613.8	608.6	195.89	2,389.38				
		13:29	17.991	614.1	608.1	197.85	2,384.47				
		13:29	18.251	615.5	606.5	199.81	2,368.78				
		13:29	18.891	611.7	609.4	208.64	2,397.22				
		13:29	19.491	612.7	608.4	208.64	2,387.42				
		13:29	19.781	612.3	609.3	203.73	2,396.24				
		13:29	20.381	612.5	608.5	209.62	2,388.40				
		13:29	20.991	611.4	611.1	194.91	2,413.89				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

13:29	22.171	613	608.7	202.75	2,390.36
13:29	22.471	612.3	609.5	201.77	2,398.20
13:29	22.771	611.4	610.2	203.73	2,405.07
13:29	23.371	612.4	609.4	201.77	2,397.22
13:29	23.651	613.1	609	198.83	2,393.30
13:29	24.261	616	606.5	194.91	2,368.78
13:29	24.851	611.5	610.1	203.73	2,404.09

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	0	13:30	28.721	849.6	399.6	-66.93	339.80	-96.40	97.10	-0.050	0.050
		13:30	29.21	849.1	399.4	-60.07	337.84				
		13:30	29.332	848.1	399.6	-52.22	339.80				
		13:30	29.652	847.7	400	-52.22	343.72				
		13:30	29.922	847.3	400	-48.30	343.72				
		13:30	30.222	847.8	400.2	-55.16	345.68				
		13:30	30.832	850.5	400.5	-84.58	348.62				
		13:30	31.432	849.7	400.1	-72.81	344.70				
		13:30	31.712	848.9	399.4	-58.10	337.84				
		13:30	32.332	849.4	400	-68.89	343.72				
		13:30	32.912	847.2	400.1	-48.30	344.70				
		13:30	33.212	848.3	399.5	-53.20	338.82				
		13:30	34.702	847.9	399.3	-47.32	336.86				
		13:30	35.2	850.3	398.7	-64.97	330.97				
		13:30	35.282	851.2	398.8	-74.78	331.95				
		13:30	35.592	849.6	399.5	-65.95	338.82				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-2	13:31	45.982	869.4	399.8	-263.06	341.76	-298.50	93.91	-0.154	0.048
		13:31	47.102	869.4	399.5	-260.12	338.82				
		13:31	47.572	869.7	399.3	-261.10	336.86				
		13:31	47.842	870.2	398.9	-262.08	332.93				
		13:31	48.442	871.9	398.7	-276.79	330.97				
		13:31	48.762	871.5	399.2	-277.77	335.88				
		13:31	49.342	869.9	398.9	-259.14	332.93				
		13:31	49.952	868.6	399.6	-253.26	339.80				
		13:31	50.272	868.6	400.3	-260.12	346.66				
		13:31	50.842	868.8	400.3	-262.08	346.66				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

13:31	51.432	868.6	400.3	-260.12	346.66
13:31	52.22	868.2	399.7	-250.31	340.78
13:31	53.222	868.6	399.8	-255.22	341.76
13:31	53.532	869	399.2	-253.26	335.88
13:31	53.822	868.7	399.6	-254.24	339.80
13:31	54.422	868	400	-251.29	343.72
13:31	55.12	869.6	400.2	-268.95	345.68

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-4	13:32	52.332	893.6	400.4	-506.27	347.64	-526.91	112.79	-0.271	0.058
		13:32	53.822	891.2	401.8	-496.46	361.37				
		13:32	54.122	890	401.6	-482.73	359.41				
		13:32	54.412	890.3	401.6	-485.67	359.41				
		13:32	54.722	892	401.4	-500.38	357.45				
		13:32	55.22	892.5	401.4	-505.29	357.45				
		13:32	55.312	891.5	401.8	-499.40	361.37				
		13:32	55.912	890.3	401.8	-487.63	361.37				
		13:32	56.212	889.8	402.3	-487.63	366.28				
		13:32	56.802	890.4	402	-490.58	363.33				
		13:32	57.412	890.4	400.9	-479.79	352.55				
		13:32	57.692	889.2	400.6	-465.08	349.61				
		13:32	58.312	890.1	401.9	-486.65	362.35				
		13:32	59.822	887.9	402.3	-469.00	366.28				
		13:33	0.92	887.4	402.2	-463.12	365.30				
		13:33	0.392	888.4	401.9	-469.98	362.35				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-6	13:33	51.692	912.3	404.9	-733.78	391.77	-761.86	150.71	-0.392	0.078
		13:33	52.282	910	405.5	-717.11	397.66				
		13:33	52.592	910.1	405.8	-721.03	400.60				
		13:33	54.42	911.5	406.1	-737.70	403.54				
		13:33	54.82	911.2	404.9	-722.99	391.77				
		13:33	54.362	911.1	405.4	-726.91	396.68				
		13:33	54.662	911.1	405.9	-731.82	401.58				
		13:33	55.262	912.2	405.8	-741.62	400.60				
		13:33	55.872	910.4	405.2	-718.09	394.72				
		13:33	56.172	911.2	404.9	-722.99	391.77				

Messprotokoll und Auswertung für Waage GWK3

13:33	56.762	911.3	404.8	-722.99	390.79
13:33	57.352	909.9	404.8	-709.26	390.79
13:33	57.662	910.6	405.3	-721.03	395.70
13:33	58.252	911	405.7	-728.88	399.62
13:33	58.862	911.2	406.1	-734.76	403.54

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-8	13:34	48.692	930	411.3	-970.12	454.54	-996.40	205.14	-0.513	0.106
		13:34	48.962	929.8	411	-965.21	451.59				
		13:34	49.282	928.9	410.8	-954.43	449.63				
		13:34	49.572	929	410.8	-955.41	449.63				
		13:34	49.862	929.2	410.8	-957.37	449.63				
		13:34	50.162	929.2	411.3	-962.27	454.54				
		13:34	50.762	929.7	411.5	-969.14	456.50				
		13:34	51.62	931.1	410.8	-976.00	449.63				
		13:34	51.652	929.8	410.7	-962.27	448.65				
		13:34	52.242	928.1	410.7	-945.60	448.65				
		13:34	52.552	928	410.5	-942.66	446.69				
		13:34	53.122	929.9	410.4	-960.31	445.71				
		13:34	54.662	930.1	411.4	-972.08	455.52				
		13:34	54.902	930.2	411.7	-976.00	458.46				
		13:34	55.242	930.6	412	-982.87	461.40				
		13:34	55.502	930.7	411.7	-980.91	458.46				
		13:34	55.832	930.6	412.2	-984.83	463.36				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-10	13:35	57.902	942.5	419.8	-1,176.06	537.89	-1,205.69	295.20	-0.620	0.152
		13:35	58.482	942	419.9	-1,172.13	538.87				
		13:35	59.92	941.1	419.6	-1,160.37	535.93				
		13:35	59.692	942.2	418.5	-1,160.37	525.14				
		13:36	0.882	941.4	420	-1,167.23	539.85				
		13:36	1.182	940.8	419.8	-1,159.39	537.89				
		13:36	1.482	940	420.2	-1,155.46	541.81				
		13:36	1.782	940.6	420.4	-1,163.31	543.78				
		13:36	2.72	941.1	420	-1,164.29	539.85				
		13:36	2.632	941.1	420.1	-1,165.27	540.83				
		13:36	2.962	942.3	421.5	-1,190.77	554.56				

Messprotokoll und Auswertung für Waage GWK3

13:36	3.532	943.5	421	-1,197.63	549.66
13:36	4.152	942.9	420.7	-1,188.81	546.72
13:36	4.752	941.6	420.6	-1,175.08	545.74
13:36	5.52	942.3	420.6	-1,181.94	545.74
13:36	5.652	942.1	420.2	-1,176.06	541.81

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-12	13:37	2.322	947.7	429.1	-1,318.25	629.09	-1,356.96	392.53	-0.698	0.202
		13:37	2.632	947.6	429.2	-1,318.25	630.07				
		13:37	2.932	947.2	429.5	-1,317.27	633.02				
		13:37	3.232	947.1	429.1	-1,312.37	629.09				
		13:37	3.822	948	429.6	-1,326.10	634.00				
		13:37	4.422	946.1	430.5	-1,316.29	642.82				
		13:37	4.742	945.4	430.4	-1,308.45	641.84				
		13:37	5.312	947.2	430.5	-1,327.08	642.82				
		13:37	5.932	947.1	430.4	-1,325.12	641.84				
		13:37	6.212	947.8	430.6	-1,333.94	643.80				
		13:37	7.702	946.7	430.5	-1,322.17	642.82				
		13:37	8.2	946.7	430.5	-1,322.17	642.82				
		13:37	8.302	946.8	430.8	-1,326.10	645.76				
		13:37	8.592	947.2	430.5	-1,327.08	642.82				
		13:37	8.902	946.3	430	-1,313.35	637.92				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-14	13:38	5.562	945.2	438.1	-1,382.00	717.35	-1,414.98	463.54	-0.728	0.238
		13:38	6.112	945.5	436.9	-1,373.17	705.58				
		13:38	6.742	945.1	437	-1,370.23	706.57				
		13:38	7.962	946.2	437.8	-1,388.86	714.41				
		13:38	8.232	946.2	437.6	-1,386.90	712.45				
		13:38	8.542	946.6	437.6	-1,390.82	712.45				
		13:38	8.822	945.8	437.7	-1,383.96	713.43				
		13:38	9.102	945.9	437.5	-1,382.98	711.47				
		13:38	9.722	945	436.3	-1,362.38	699.70				
		13:38	10.22	944.7	436.3	-1,359.44	699.70				
		13:38	10.632	946.5	436.9	-1,382.98	705.58				
		13:38	11.212	946	437.1	-1,380.03	707.55				
		13:38	11.812	946.4	437.2	-1,384.94	708.53				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

13:38	12.102	946.2	436.4	-1,375.13	700.68
13:38	12.712	947	436.3	-1,382.00	699.70

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-16	13:39	0.142	941.6	443.5	-1,399.65	770.31	-1,440.88	530.47	-0.741	0.273
		13:39	0.732	942.3	443	-1,401.61	765.41				
		13:39	2.232	943.6	443.4	-1,418.28	769.33				
		13:39	2.532	940.7	444.1	-1,396.71	776.19				
		13:39	2.822	940.8	444.5	-1,401.61	780.12				
		13:39	3.132	941.5	444.7	-1,410.43	782.08				
		13:39	3.412	941.4	443.8	-1,400.63	773.25				
		13:39	3.722	941.6	443.6	-1,400.63	771.29				
		13:39	4.322	941.7	444.1	-1,406.51	776.19				
		13:39	4.592	941.2	444.1	-1,401.61	776.19				
		13:39	5.202	940.1	444.8	-1,397.69	783.06				
		13:39	5.802	942	445.1	-1,419.26	786.00				
		13:39	6.372	942	444.4	-1,412.40	779.13				
		13:39	6.702	941.6	443.4	-1,398.67	769.33				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-18	13:40	0.632	934.9	451.5	-1,412.40	848.76	-1,453.31	602.39	-0.748	0.310
		13:40	1.272	934.9	451.6	-1,413.38	849.74				
		13:40	2.742	935.7	451.5	-1,420.24	848.76				
		13:40	3.52	935.7	451.6	-1,421.22	849.74				
		13:40	3.342	936.1	451.6	-1,425.14	849.74				
		13:40	3.672	935.7	451	-1,415.34	843.86				

Messprotokoll und Auswertung für Waage GWK3

13:40	4.252	936.6	450.8	-1,422.20	841.90
13:40	4.852	936.1	451.6	-1,425.14	849.74
13:40	5.142	935.8	451.9	-1,425.14	852.68
13:40	5.752	935	451.1	-1,409.45	844.84
13:40	6.352	934.5	450.7	-1,400.63	840.92
13:40	6.642	934.7	451.8	-1,413.38	851.70
13:40	7.232	936.4	451.4	-1,426.12	847.78
13:40	8.862	935.8	450.5	-1,411.41	838.95
13:40	9.2	935.6	451.1	-1,415.34	844.84
13:40	9.302	936.4	451.6	-1,428.09	849.74
13:40	9.612	936.9	451.4	-1,431.03	847.78

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-20	13:41	12.572	929.2	457.6	-1,416.32	908.58	-1,450.45	664.33	-0.746	0.342
		13:41	12.892	928.3	457.8	-1,409.45	910.54				
		13:41	13.462	927.7	457.7	-1,402.59	909.56				
		13:41	14.72	928	458.8	-1,416.32	920.35				
		13:41	15.572	928.8	458.3	-1,419.26	915.45				
		13:41	15.852	929.2	458.2	-1,422.20	914.47				
		13:41	16.152	929.7	457.3	-1,418.28	905.64				
		13:41	16.432	928.2	456.8	-1,398.67	900.74				
		13:41	16.762	928	456.9	-1,397.69	901.72				
		13:41	17.42	929.3	458.1	-1,422.20	913.48				
		13:41	17.642	929.3	457.5	-1,416.32	907.60				
		13:41	17.942	930.7	457.5	-1,430.05	907.60				
		13:41	18.532	929.3	457.5	-1,416.32	907.60				
		13:41	19.122	928.2	457.9	-1,409.45	911.52				
		13:41	19.692	929.4	457.9	-1,421.22	911.52				
		13:41	20.22	929.7	457.2	-1,417.30	904.66				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-22	13:42	7.442	922.7	462.5	-1,400.63	956.63	-1,425.77	702.41	-0.733	0.361
		13:42	8.42	921.7	462.5	-1,390.82	956.63				
		13:42	9.792	921.9	461.4	-1,382.00	945.85				
		13:42	10.142	921.5	460.8	-1,372.19	939.96				
		13:42	10.422	922.2	461	-1,381.01	941.92				
		13:42	10.732	922.2	460.5	-1,376.11	937.02				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

Messung vom 18.02.2018

13:42	11.22	921.8	460.7	-1,374.15	938.98
13:42	11.612	923	462.2	-1,400.63	953.69
13:42	11.922	922.8	461.4	-1,390.82	945.85
13:42	12.522	924.1	462.4	-1,413.38	955.65
13:42	13.112	923.8	461.8	-1,404.55	949.77
13:42	13.712	921.9	461.9	-1,386.90	950.75
13:42	14.12	922.3	462	-1,391.80	951.73
13:42	14.602	924.3	461.8	-1,409.45	949.77
13:42	15.762	923	461.5	-1,393.76	946.83
13:42	16.92	922.4	462.3	-1,395.72	954.67

Messprotokoll und Auswertung für Waage GWK3

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-24	13:43	8.593	914.9	468.7	-1,384.94	1,017.43	-1,420.70	774.98	-0.731	0.399
		13:43	9.973	914.6	468.1	-1,376.11	1,011.55				
		13:43	10.73	915.7	469.7	-1,402.59	1,027.24				
		13:43	10.393	915.2	470	-1,400.63	1,030.18				
		13:43	10.673	914.8	470.2	-1,398.67	1,032.14				
		13:43	11.283	913.4	468.9	-1,372.19	1,019.40				
		13:43	11.593	914.4	469.5	-1,387.88	1,025.28				
		13:43	12.183	914.2	468.3	-1,374.15	1,013.51				
		13:43	12.773	915.1	469.4	-1,393.76	1,024.30				
		13:43	13.93	914	468.8	-1,377.09	1,018.42				
		13:43	13.673	913.8	468.9	-1,376.11	1,019.40				
		13:43	14.253	914.5	467.4	-1,368.27	1,004.69				
		13:43	14.823	914.8	468.7	-1,383.96	1,017.43				
		13:43	16.53	915.3	469.4	-1,395.72	1,024.30				
		13:43	16.343	916.1	470.8	-1,417.30	1,038.03				
		13:43	16.643	916.6	470.7	-1,421.22	1,037.05				
		13:43	16.943	914.6	470	-1,394.74	1,030.18				
		13:43	17.243	914.4	470.8	-1,400.63	1,038.03				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-26	13:44	8.833	909.6	475.6	-1,400.63	1,085.10	-1,409.41	826.33	-0.725	0.425
		13:44	10.283	909.3	475.9	-1,400.63	1,088.04				
		13:44	10.573	907.4	475.7	-1,380.03	1,086.08				
		13:44	10.923	907.4	475	-1,373.17	1,079.22				
		13:44	11.213	907.4	473.6	-1,359.44	1,065.49				
		13:44	11.493	908.1	472.9	-1,359.44	1,058.62				
		13:44	12.393	907.6	474.4	-1,369.25	1,073.33				
		13:44	13.3	907.6	473.9	-1,364.34	1,068.43				
		13:44	13.283	908	474.3	-1,372.19	1,072.35				
		13:44	13.853	908.4	472.5	-1,358.46	1,054.70				
		13:44	14.483	909	472.7	-1,366.30	1,056.66				
		13:44	14.793	909	473.9	-1,378.07	1,068.43				
		13:44	16.343	909	473.9	-1,378.07	1,068.43				
		13:44	16.563	908.5	474	-1,374.15	1,069.41				
		13:44	16.873	910.1	476	-1,409.45	1,089.02				
		13:44	17.163	909.8	476.1	-1,407.49	1,090.00				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-28	13:45	15.3	901.6	480.2	-1,367.29	1,130.21	-1,406.56	886.94	-0.724	0.456
		13:45	15.633	901	480.1	-1,360.42	1,129.23				
		13:45	16.813	901.1	478.7	-1,347.67	1,115.50				
		13:45	17.133	901.1	480.7	-1,367.29	1,135.11				
		13:45	17.423	902.4	482.7	-1,399.65	1,154.73				
		13:45	17.723	903.8	482	-1,406.51	1,147.86				
		13:45	18.13	902.8	481.4	-1,390.82	1,141.98				
		13:45	18.643	901	478.9	-1,348.65	1,117.46				
		13:45	19.173	901.8	480.5	-1,372.19	1,133.15				
		13:45	19.503	901.7	480.2	-1,368.27	1,130.21				
		13:45	20.93	899.9	479.5	-1,343.75	1,123.35				
		13:45	20.703	902.1	480	-1,370.23	1,128.25				
		13:45	20.993	901.3	477.9	-1,341.79	1,107.66				
		13:45	21.593	903.1	479.5	-1,375.13	1,123.35				
		13:45	23.93	899.6	478.4	-1,330.02	1,112.56				
		13:45	23.383	900.4	479.5	-1,348.65	1,123.35				
		13:45	23.673	902.6	481.2	-1,386.90	1,140.02				
		13:45	24.3	902.9	481.2	-1,389.84	1,140.02				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-30	13:46	23.343	895	485.1	-1,350.61	1,178.26	-1,409.75	949.05	-0.725	0.488
		13:46	23.633	895.7	486.9	-1,375.13	1,195.91				
		13:46	23.883	896.8	486.9	-1,385.92	1,195.91				
		13:46	24.213	897	488.7	-1,405.53	1,213.57				
		13:46	24.813	897	488.7	-1,405.53	1,213.57				
		13:46	25.113	895.7	484.5	-1,351.59	1,172.38				
		13:46	25.713	896.5	487.9	-1,392.78	1,205.72				
		13:46	26.303	896.4	489.3	-1,405.53	1,219.45				
		13:46	26.603	895.2	486.9	-1,370.23	1,195.91				
		13:46	27.223	893.7	483.3	-1,320.21	1,160.61				
		13:46	27.793	893.9	484.1	-1,330.02	1,168.46				
		13:46	29.443	895.3	488.6	-1,387.88	1,212.59				
		13:46	29.903	895.1	484.6	-1,346.69	1,173.36				
		13:46	30.173	895.2	485.8	-1,359.44	1,185.13				
		13:46	30.483	895.2	485.6	-1,357.48	1,183.17				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-32	13:47	20.263	887.3	488.8	-1,311.39	1,214.55	-1,377.06	994.08	-0.708	0.511
		13:47	20.563	887.1	490.9	-1,330.02	1,235.14				
		13:47	21.163	887.3	492.6	-1,348.65	1,251.81				
		13:47	21.773	888.1	492.6	-1,356.50	1,251.81				
		13:47	22.53	887.5	490.6	-1,331.00	1,232.20				
		13:47	22.643	887.3	489.7	-1,320.21	1,223.37				
		13:47	24.133	887.4	490.5	-1,329.04	1,231.22				
		13:47	24.433	887.6	491.1	-1,336.88	1,237.10				
		13:47	24.743	888.5	492.2	-1,356.50	1,247.89				
		13:47	25.33	887.7	491	-1,336.88	1,236.12				
		13:47	25.323	888.3	492.6	-1,358.46	1,251.81				
		13:47	25.633	889	493.4	-1,373.17	1,259.66				
		13:47	26.243	888	493	-1,359.44	1,255.74				
		13:47	26.833	888.5	493.3	-1,367.29	1,258.68				
		13:47	27.423	887.9	490.8	-1,336.88	1,234.16				
		13:47	27.723	888.2	491.4	-1,345.71	1,240.04				
13:47	28.313	887.1	492.3	-1,343.75	1,248.87						

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-34	13:48	24.333	880.8	495	-1,308.45	1,275.35	-1,365.91	1,045.55	-0.703	0.538
		13:48	24.623	880.4	493.8	-1,292.76	1,263.58				
		13:48	24.953	880.2	495.7	-1,309.43	1,282.21				
		13:48	25.273	881.2	498.4	-1,345.71	1,308.69				
		13:48	25.853	881.3	497.2	-1,334.92	1,296.92				
		13:48	26.163	881	495.8	-1,318.25	1,283.19				
		13:48	26.743	881.8	496.7	-1,334.92	1,292.02				
		13:48	27.333	881.9	496.3	-1,331.98	1,288.10				
		13:48	27.643	881.9	498.1	-1,349.63	1,305.75				
		13:48	28.233	882.3	498.3	-1,355.52	1,307.71				
		13:48	28.833	882.3	497.1	-1,343.75	1,295.94				
		13:48	30.643	883	497.8	-1,357.48	1,302.81				
		13:48	30.923	882	497	-1,339.83	1,294.96				
		13:48	31.223	880.4	495	-1,304.52	1,275.35				
		13:48	31.513	881.3	495	-1,313.35	1,275.35				
		13:48	31.813	882.7	495.8	-1,334.92	1,283.19				

ANIPROP GbR
Messprotokoll und Auswertung für Waage GWK3

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U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-36	13:49	32.953	872.3	502.8	-1,301.58	1,351.84	-1,320.34	1,089.69	-0.679	0.561
		13:49	33.233	872.4	502	-1,294.72	1,343.99				
		13:49	33.853	871.6	502.1	-1,287.85	1,344.98				
		13:49	34.423	871.9	500.8	-1,278.05	1,332.23				
		13:49	35.33	871.8	500.9	-1,278.05	1,333.21				
		13:49	35.323	871.7	500.3	-1,271.18	1,327.32				
		13:49	36.813	872.6	500.2	-1,279.03	1,326.34				
		13:49	37.113	872.5	502.8	-1,303.54	1,351.84				
		13:49	37.413	872.1	500.4	-1,276.08	1,328.30				
		13:49	37.713	872.8	499.9	-1,278.05	1,323.40				
		13:49	38.3	873	499.5	-1,276.08	1,319.48				
		13:49	38.603	872	501.3	-1,283.93	1,337.13				
		13:49	38.893	872	501.3	-1,283.93	1,337.13				
		13:49	39.493	872.3	502.6	-1,299.62	1,349.88				
		13:49	40.93	872.3	502	-1,293.74	1,343.99				
		13:49	40.383	872.3	500.9	-1,282.95	1,333.21				
		13:49	40.983	873.6	501.9	-1,305.50	1,343.01				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-38	13:50	35.833	864.4	508.3	-1,278.05	1,405.78	-1,296.64	1,148.53	-0.667	0.591
		13:50	37.313	863.4	505.6	-1,241.76	1,379.30				
		13:50	37.613	863.7	507.5	-1,263.34	1,397.93				
		13:50	37.933	863.8	508.8	-1,277.06	1,410.68				
		13:50	38.223	863.4	507.3	-1,258.43	1,395.97				
		13:50	38.513	863.6	506.7	-1,254.51	1,390.09				
		13:50	39.103	864	505.7	-1,248.63	1,380.28				
		13:50	39.423	863.6	505.7	-1,244.70	1,380.28				
		13:50	39.973	864.4	508	-1,275.10	1,402.83				
		13:50	40.613	864.5	508.6	-1,281.97	1,408.72				
		13:50	41.203	863.5	507.1	-1,257.45	1,394.01				
		13:50	41.493	863.4	505.7	-1,242.74	1,380.28				
		13:50	42.83	864	505.5	-1,246.66	1,378.32				
		13:50	43.583	865.4	509.2	-1,296.68	1,414.60				
		13:50	43.883	865.4	507.9	-1,283.93	1,401.85				
		13:50	44.143	865	508.4	-1,284.91	1,406.76				

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-40	13:51	37.873	855.1	512.3	-1,226.07	1,445.00	-1,271.23	1,197.97	-0.654	0.616
		13:51	38.173	855.4	513.8	-1,243.72	1,459.71				
		13:51	38.473	855.5	512.1	-1,228.03	1,443.04				
		13:51	38.783	855.8	509.9	-1,209.40	1,421.47				
		13:51	39.63	855.8	510.1	-1,211.36	1,423.43				
		13:51	39.363	856.1	512	-1,232.93	1,442.06				
		13:51	39.663	856.1	511.4	-1,227.05	1,436.18				
		13:51	40.263	856.9	511	-1,230.97	1,432.25				
		13:51	40.843	857.8	511.1	-1,240.78	1,433.23				
		13:51	41.463	856.7	513.5	-1,253.53	1,456.77				
		13:51	41.753	856.7	514.5	-1,263.34	1,466.58				
		13:51	42.333	856.2	513.8	-1,251.57	1,459.71				
		13:51	43.823	856	515.2	-1,263.34	1,473.44				
		13:51	44.153	856.1	516.9	-1,280.99	1,490.11				
		13:51	44.443	856.2	514.1	-1,254.51	1,462.65				
		13:51	44.723	856.4	513.4	-1,249.61	1,455.79				
13:51	45.23	855.7	511.5	-1,224.11	1,437.16						

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-50	13:52	38.43	812.1	542.3	-1,098.58	1,739.20	-1,135.98	1,487.76	-0.584	0.765
		13:52	38.373	812.3	541.9	-1,096.62	1,735.28				
		13:52	38.673	812.5	542.4	-1,103.49	1,740.18				
		13:52	38.993	812.8	541.6	-1,098.58	1,732.34				
		13:52	39.273	812.9	541.7	-1,100.55	1,733.32				
		13:52	39.853	812.9	542.8	-1,111.33	1,744.10				
		13:52	40.463	813	540.8	-1,092.70	1,724.49				
		13:52	40.753	813.1	541.4	-1,099.57	1,730.37				
		13:52	41.323	813	542.1	-1,105.45	1,737.24				
		13:52	41.953	813.1	541	-1,095.64	1,726.45				
		13:52	42.213	813.3	540.3	-1,090.74	1,719.59				
		13:52	42.853	813	541.8	-1,102.51	1,734.30				
		13:52	44.353	812.9	543.3	-1,116.24	1,749.01				
		13:52	44.643	813.1	542.5	-1,110.35	1,741.16				
		13:52	44.933	812.7	542.3	-1,104.47	1,739.20				
		13:52	45.233	812.8	543.7	-1,119.18	1,752.93				

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13:52	45.543	813	542.5	-1,109.37	1,741.16
13:52	45.833	812.8	542.2	-1,104.47	1,738.22
13:52	46.413	813.4	541.9	-1,107.41	1,735.28
13:52	47.43	813.3	540.3	-1,090.74	1,719.59
13:52	47.313	812.9	542.8	-1,111.33	1,744.10
13:52	47.923	812	546.3	-1,136.83	1,778.43
13:52	48.513	811.7	546	-1,130.95	1,775.48
13:52	49.123	813.4	540	-1,088.78	1,716.65
13:52	50.303	811.8	542.8	-1,100.55	1,744.10
13:52	50.583	812.9	540.5	-1,088.78	1,721.55
13:52	50.893	813.5	541.3	-1,102.51	1,729.39
13:52	51.193	813.7	542	-1,111.33	1,736.26
13:52	51.483	813.3	542	-1,107.41	1,736.26
13:52	52.93	812	544	-1,114.27	1,755.87
13:52	52.403	812.5	544.1	-1,120.16	1,756.85

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-60	13:53	38.613	762.2	569.4	-874.99	2,004.96	-925.55	1,765.69	-0.476	0.908
		13:53	38.913	763.7	570	-895.59	2,010.84				
		13:53	39.203	762.4	572.3	-905.39	2,033.40				
		13:53	39.503	763.2	569.5	-885.78	2,005.94				
		13:53	39.773	764.3	568.6	-887.74	1,997.11				
		13:53	40.403	763.2	570.8	-898.53	2,018.69				
		13:53	41.13	762.9	571.1	-898.53	2,021.63				
		13:53	41.583	763.9	568.8	-885.78	1,999.08				
		13:53	41.893	763.4	570.1	-893.63	2,011.82				
		13:53	42.483	761.4	569.8	-871.07	2,008.88				
		13:53	43.53	763	569.2	-880.88	2,003.00				
		13:53	43.383	762.8	570.6	-892.65	2,016.73				
		13:53	44.873	764	567.7	-875.97	1,988.29				
		13:53	45.133	762.8	570.2	-888.72	2,012.80				
		13:53	45.463	761.8	573.7	-913.24	2,047.13				
		13:53	45.773	761.7	573.6	-911.28	2,046.15				
		13:53	46.63	760.7	574	-905.39	2,050.07				
		13:53	46.663	761.2	573.9	-909.32	2,049.09				
		13:53	46.963	761.8	570.8	-884.80	2,018.69				
		13:53	47.563	762.3	571.9	-900.49	2,029.48				
		13:53	48.153	762.6	569.7	-881.86	2,007.90				

Messprotokoll und Auswertung für Waage GWK3

13:53	48.413	761.7	572	-895.59	2,030.46
13:53	49.63	763.4	569.5	-887.74	2,005.94
13:53	49.643	761.9	570.7	-884.80	2,017.71
13:53	50.833	762.8	568.9	-875.97	2,000.06
13:53	51.123	763.4	569.3	-885.78	2,003.98
13:53	51.433	762.8	571.6	-902.45	2,026.53
13:53	51.733	762.3	572.4	-905.39	2,034.38
13:53	52.23	762.3	573.2	-913.24	2,042.22
13:53	52.623	762.6	570.6	-890.68	2,016.73
13:53	53.223	763.2	569.8	-888.72	2,008.88

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	-90	13:54	45.424	620.4	621.2	7.60	2,512.94	-31.76	2,262.40	-0.016	1.164
		13:54	45.744	620.3	621.9	1.72	2,519.81				
		13:54	46.4	620.9	620.6	8.58	2,507.06				
		13:54	46.314	619.5	621.6	12.50	2,516.86				
		13:54	46.594	621.8	619.6	9.56	2,497.25				
		13:54	46.904	622.1	620.2	0.74	2,503.13				
		13:54	47.504	618.3	623.8	2.70	2,538.44				
		13:54	48.114	620.8	621.3	2.70	2,513.92				
		13:54	48.694	620.8	620.6	9.56	2,507.06				
		13:54	48.984	621.9	620.1	3.68	2,502.15				
		13:54	49.584	623.1	619.6	-3.19	2,497.25				
		13:54	50.184	625	617.5	-1.23	2,476.66				
		13:54	51.384	624	618.7	-3.19	2,488.42				
		13:54	51.664	621.6	619.9	8.58	2,500.19				
		13:54	51.984	622.3	619.9	1.72	2,500.19				
		13:54	52.274	621	621.4	-0.25	2,514.90				
		13:54	52.574	619.9	622.8	-3.19	2,528.63				
		13:54	53.164	620.3	621.8	2.70	2,518.83				
		13:54	53.774	618.4	624.1	-1.23	2,541.38				
		13:54	54.64	622.2	620.9	-7.11	2,510.00				
		13:54	54.654	623.8	619.4	-8.09	2,495.29				
		13:54	55.254	621.9	620.9	-4.17	2,510.00				
		13:54	55.554	621.9	619.9	5.64	2,500.19				
		13:54	56.144	623.5	618.1	7.60	2,482.54				
		13:54	57.634	620	622.1	2.70	2,521.77				
		13:54	57.934	618.3	624	0.74	2,540.40				

Messprotokoll und Auswertung für Waage GWK3

13:54	58.224	618.8	623.6	-0.25	2,536.48
13:54	58.524	620	621.5	8.58	2,515.88
13:54	58.834	619.5	621.1	17.41	2,511.96
13:54	59.124	618.4	623.3	6.62	2,533.54
13:54	59.674	621.9	620.1	3.68	2,502.15
13:55	0.324	622.2	619.1	10.54	2,492.35
13:55	0.614	622.1	619.5	7.60	2,496.27
13:55	1.214	623.4	618.3	6.62	2,484.50

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	F_A	F_W	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	[mN]	[mN]	[mN]	[mN]	[-]	[-]
12	0	13:55	57.854	851.3	398.7	-74.78	330.97	-129.50	87.46	-0.067	0.045
		13:55	58.144	851.3	399.2	-79.68	335.88				
		13:55	58.454	850.3	399.6	-73.79	339.80				
		13:55	58.744	849.8	399.2	-64.97	335.88				
		13:55	59.44	852.1	398.6	-81.64	329.99				
		13:55	59.654	855.9	398.4	-116.94	328.03				
		13:56	0.204	855	398.5	-109.10	329.01				
		13:56	0.844	852.4	399.1	-89.49	334.90				
		13:56	1.164	851.9	399.1	-84.58	334.90				
		13:56	1.734	853.2	398.8	-94.39	331.95				
		13:56	2.344	855.8	398.5	-116.94	329.01				
		13:56	2.624	856.9	398.9	-131.65	332.93				
		13:56	4.124	854.2	398.8	-104.20	331.95				
		13:56	4.414	853.2	398.7	-93.41	330.97				
		13:56	4.714	853.7	398.5	-96.35	329.01				
		13:56	5.14	854.6	398.8	-108.12	331.95				
		13:56	5.304	855.4	398.8	-115.96	331.95				
		13:56	5.934	853.9	398.4	-97.33	328.03				
		13:56	6.204	853.9	397.5	-88.50	319.20				
		13:56	6.804	852.4	398	-78.70	324.11				

Support und Wägeplatten, aber ohne ebene Platte

Mittelwerte

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	Waage A	Waage B	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	-(A+W) [g]	W [g]	[mN]	[mN]	[-]	[-]
0	0	15:17	33.711	748.4	356.7	748.4	356.7				
		15:17	34.291	748.4	356.7						
		15:17	36.91	748.4	356.7						

15:17	36.391	748.4	356.7
15:17	36.681	748.4	356.7
15:17	36.981	748.4	356.7
15:17	37.271	748.4	356.7
15:17	37.901	748.4	356.7
15:17	38.161	748.4	356.7
15:17	38.761	748.4	356.7

Support und Wägeplatten, aber ohne ebene Platte

Mittelwerte abzüglich Ruhewerte

U0	alfa_S	Uhrzeit	Messzeit	Waage A	Waage B	Waage A	Waage B	<F_A>	<F_W>	<c_A>	<C_W>
[m/s]	[deg]	hh:mm	[s]	-(A+W) [g]	W [g]	-(A+W) [g]	W [g]	[mN]	[mN]	[-]	[-]
12	0	15:19	52.922	720.2	381.7	-28.72	25.015	36.33	245.31		
		15:19	53.212	720.2	381.3						
		15:19	53.802	719.7	381.9						
		15:19	55.292	719.2	382.2						
		15:19	55.592	719.7	381.7						
		15:19	55.902	719.5	381.8						
		15:19	56.192	719.2	381.8						
		15:19	56.492	719.2	381.9						
		15:19	56.792	719.4	382.3						
		15:19	57.392	718.8	382.7						
		15:19	57.982	719.4	382.1						
		15:19	58.282	719	382.6						
		15:19	58.882	718.8	382						
		15:19	59.492	720	381.1						
		15:20	0.72	720.6	380.8						
		15:20	1.372	720.1	381.7						
		15:20	1.562	720.1	381.3						
		15:20	1.862	720.3	381.1						
		15:20	2.172	720.2	381.1						
		15:20	2.462	720	381.2						