

Fliessgeschwindigkeit [m/s]	Winkel [deg]	Standardabweichung [deg]	Gewichtskraft [N]	Stroemungswiderstand [N]		
				experimentell	analytisch	numerisch
0,155647396	57,10637	1,2484	0,002624175	2,1239E-02	3,4651E-05	7,3578E-05
0,147426583	58,5836	1,3108	0,002624175	1,9055E-02	4,6357E-05	9,1014E-05
0,142494095	60,0342	1,2779	0,002624175	1,7801E-02	5,9757E-05	1,0943E-04
0,131533011	65,59498	1,46727	0,002624175	1,5168E-02	7,4851E-05	1,2890E-04
0,120571927	66,93894	1,48999	0,002624175	1,2745E-02	9,1640E-05	1,4935E-04
0,109610842	69,5425	2,6629	0,002624175	1,0533E-02	1,1012E-04	1,7070E-04
0,098649758	70,20829	1,9837	0,002624175	8,5320E-03	1,3030E-04	1,9317E-04
0,087688674	70,8226	5,2102	0,002624175	6,7413E-03	1,5217E-04	2,1668E-04
0,07672759	76,1188	1,4968	0,002624175	5,1613E-03	1,7574E-04	2,4105E-04
0,065766505	78,0049	1,532	0,002624175	3,7920E-03		
0,054805421	75,0696	9,9612	0,002624175	2,6333E-03		
0	90	0	0,002624175	0,0000E+00	0,0000E+00	0,0000E+00

Berechnung mit Durchschnittswerten		
1/v2	1/tanA	FW
41,27777512	1,546141543	6,76E-03
46,00959398	1,637209025	6,07E-03
49,2500034	1,734440889	5,67E-03
57,80035121	2,203974457	4,83E-03
68,78719483	2,348889479	4,06E-03
83,23250575	2,680681573	3,35E-03
102,7561799	2,778868329	2,72E-03
130,0507902	2,875260064	2,15E-03
169,8622566	4,046505819	1,64E-03
231,2014049	4,706609313	1,21E-03
332,930023	3,750267424	8,39E-04
0	0	0,00E+00

a                      b                      R<sup>2</sup>  
                           0,0094                      1,6304                      0,7058

Berechnung mit abgelesenen Werten		
1/v2	1/tanA	FW
41,27777512	1,546141543	3,57E-02
46,00959398	1,637209025	3,20E-02
49,2500034	1,734440889	2,99E-02
57,80035121	2,203974457	2,55E-02
68,78719483	2,348889479	2,14E-02
83,23250575	3,077683537	1,77E-02
102,7561799	2,778868329	1,43E-02
130,0507902	3,487414444	1,13E-02
169,8622566	4,046505819	8,68E-03
231,2014049	4,706609313	6,38E-03
332,930023	7,115369722	4,43E-03
0	0	0,00E+00

a                      b                      R<sup>2</sup>  
                           0,0178                      1,031                      0,974

abgelesene Werte
57,1064
58,5836
60,0342
65,5950
66,9389
72,0000
70,2083
74,0000
76,1188
78,0049
82,0000
90,0000