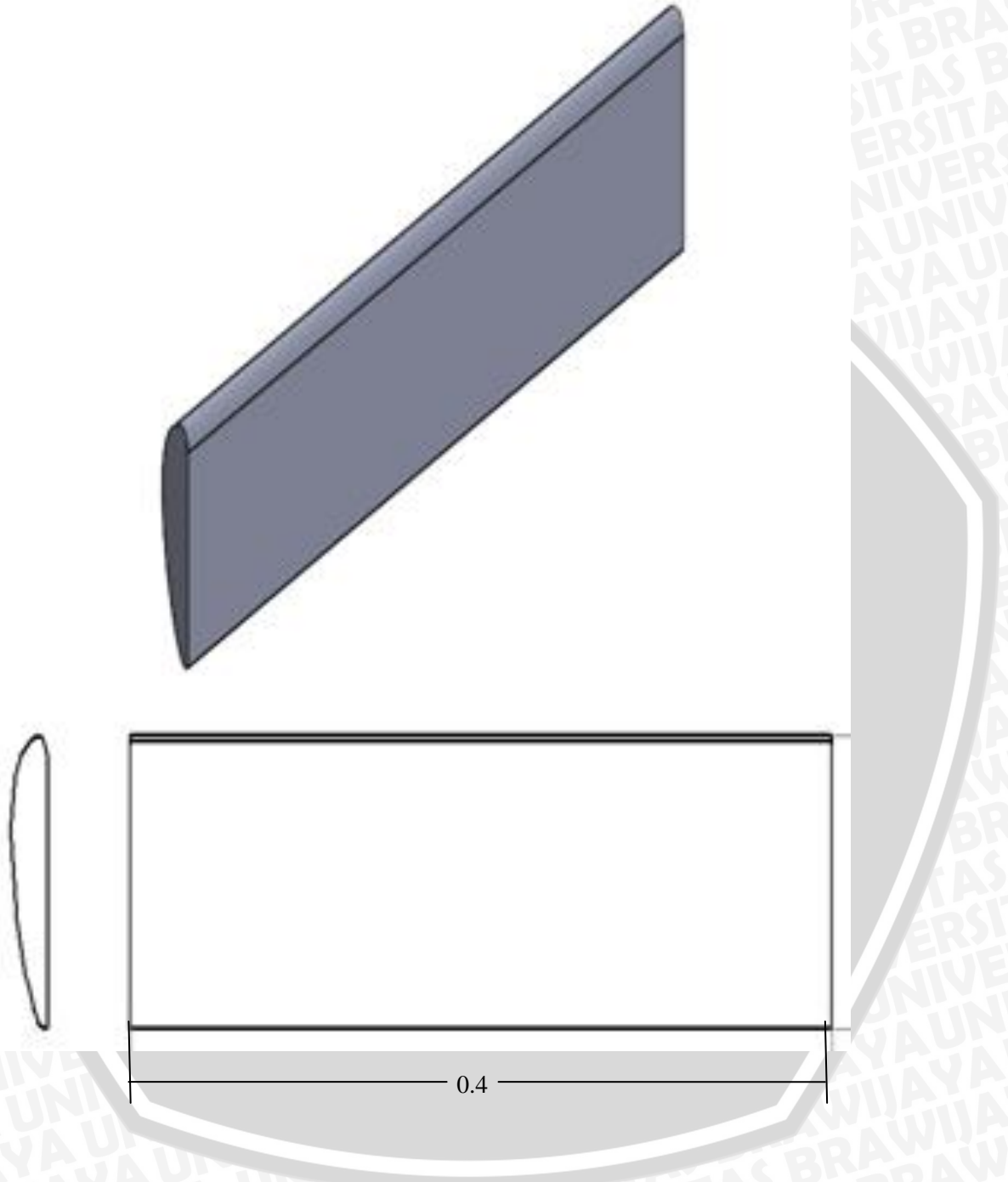


Lampiran 1
Airfoil NACA 3414



Lampiran 2

Data hasil penelitian pada variasi diameter sapuan rotor 0.2 m

Kec angin (m/s)	Putaran		Voltase	Arus
	Sebelum	sesudah	mV	Ampere
3	201	195	931.997	0.311
	205	199	938.045	0.313
	209	203	931.997	0.311
	198	192	935.928	0.312
	211	205	934.114	0.311
rata-rata	204.8	198.7	934.416	0.311
4	271	263	950.637	0.317
	277	268	956.806	0.319
	282	274	950.637	0.317
	267	259	954.647	0.318
	285	276	952.796	0.318
rata-rata	276.5	268.2	953.104	0.318
5	461	447	969.649	0.323
	470	456	975.942	0.325
	480	465	969.649	0.323
	454	441	973.739	0.325
	484	470	971.852	0.324
rata-rata	470.0	455.9	972.166	0.324
6	706	685	1008.435	0.336
	720	698	1014.979	0.338
	734	712	1008.435	0.336
	695	674	1012.689	0.338
	741	719	1010.726	0.337
rata-rata	719.1	697.6	1011.053	0.337
7	918	890	1038.689	0.346
	936	908	1045.429	0.348
	954	925	1038.689	0.346
	904	877	1043.070	0.348
	963	934	1041.048	0.347
rata-rata	934.9	906.8	1041.385	0.347

Data hasil penelitian pada variasi diameter sapuan rotor 0.24 m

Kec angin (m/s)	Putaran		Voltase	Arus
	Sebelum	sesudah	mV	Ampere
3	302	292	941.317	0.314
	308	298	947.425	0.316
	314	304	941.317	0.314
	297	288	945.287	0.315
	317	307	943.455	0.314
rata-rata	307.2	298.0	943.760	0.315
4	392	380	979.156	0.326
	400	388	985.510	0.329
	408	395	979.156	0.326
	386	375	983.286	0.328
	411	399	981.380	0.327
rata-rata	399.4	387.4	981.697	0.327
5	608	589	989.042	0.330
	620	601	995.461	0.332
	632	613	989.042	0.330
	598	581	993.214	0.331
	638	619	991.289	0.330
rata-rata	619.0	600.4	991.610	0.331
6	729	707	1018.520	0.340
	744	721	1025.129	0.342
	758	735	1018.520	0.340
	718	697	1022.816	0.341
	765	742	1020.833	0.340
rata-rata	742.8	720.5	1021.164	0.340
7	948	919	1059.462	0.353
	967	938	1066.337	0.355
	985	956	1059.462	0.353
	934	906	1063.931	0.355
	995	965	1061.869	0.354
rata-rata	965.7	936.7	1062.212	0.354

Data hasil penelitian pada variasi diameter sapuan rotor 0.28 m

Kec angin (m/s)	Putaran		Voltase	Arus
	sebelum	sesudah	mV	Ampere
3	482	468	950.730	0.317
	492	477	956.900	0.319
	502	487	950.730	0.317
	475	461	954.740	0.318
	506	491	952.889	0.318
rata-rata	491.5	476.8	953.198	0.318
4	675	655	1008.531	0.336
	689	668	1015.075	0.338
	702	681	1008.531	0.336
	665	645	1012.785	0.338
	709	688	1010.821	0.337
rata-rata	688.1	667.5	1011.148	0.337
5	810	786	1018.714	0.340
	827	802	1025.324	0.342
	843	817	1018.714	0.340
	798	774	1023.011	0.341
	851	825	1021.027	0.340
rata-rata	825.8	801.0	1021.358	0.340
6	973	943	1059.261	0.353
	992	962	1066.134	0.355
	1011	981	1059.261	0.353
	958	929	1063.729	0.355
	1021	990	1061.666	0.354
rata-rata	990.9	961.2	1062.010	0.354
7	1167	1132	1080.652	0.360
	1190	1155	1087.664	0.363
	1213	1177	1080.652	0.360
	1150	1115	1085.210	0.362
	1225	1188	1083.106	0.361
rata-rata	1189.1	1153.4	1083.457	0.361

Data hasil penelitian pada variasi diameter sapuan rotor 0.32 m

Kec angin (m/s)	Putaran		Voltase	Arus
	Sebelum	Sesudah	mV	Ampere
3	579	562	969.745	0.323
	590	573	976.037	0.325
	602	584	969.745	0.323
	570	553	973.835	0.325
	608	589	971.947	0.324
rata-rata	589.8	572.1	972.262	0.324
4	695	674	1018.616	0.340
	708	687	1025.226	0.342
	722	701	1018.616	0.340
	684	664	1022.912	0.341
	729	707	1020.929	0.340
rata-rata	707.8	686.6	1021.260	0.340
5	834	809	1049.275	0.350
	850	825	1056.084	0.352
	867	841	1049.275	0.350
	821	797	1053.701	0.351
	875	849	1051.658	0.351
rata-rata	849.3	823.9	1051.999	0.351
6	984	954	1101.631	0.367
	1003	973	1108.780	0.370
	1023	992	1101.631	0.367
	969	940	1106.278	0.369
	1033	1002	1104.133	0.368
rata-rata	1002.2	972.2	1104.491	0.368
7	1180	1145	1113.071	0.371
	1204	1168	1120.294	0.373
	1227	1191	1113.071	0.371
	1163	1128	1117.766	0.373
	1239	1202	1115.599	0.372
rata-rata	1202.7	1166.6	1115.960	0.372

Lampiran 3

Tabel warna resistor

	Warna ke 1	Warna ke 2	Warna ke 3	Warna ke 4
Hi tam	-	0	-	
Coklat	1	1	0	
Merah	2	2	00	
Orange	3	3	000	
Kuning	4	4	0000	
Hijau	5	5	00000	
Biru	6	6	000000	
Ungu	7	7	0000000	
Abu abu	8	8		
Putih	9	9		
Emas				Toleransi 5%
Perak				Toleransi 10%

