

9 V

is adjusted 0.33 A
 Tf 0.00971295 Nm
 Ts 0.188545509 Nm
 Ts-Tf 0.178832558 Nm

I	Efficiency	w (rad/s)	w (rpm)	T out	P in	P out	Efficiency
0.33	0	0	0	0.178832558	2.97	0	0
0.32	0.028693182	0.477338339	4.558245367	0.173119058	2.88	0.082636364	0.028693182
0.313	0.048717204	0.811475176	7.749017125	0.169119608	2.817	0.137236364	0.048717204
0.306	0.068686869	1.145612013	10.93978888	0.165120158	2.754	0.189163636	0.068686869
0.299	0.088598358	1.47974885	14.13056064	0.161120708	2.691	0.238418182	0.088598358
0.292	0.108447489	1.813885687	17.3213324	0.157121257	2.628	0.285	0.108447489
0.285	0.128229665	2.148022524	20.51210415	0.153121807	2.565	0.328909091	0.128229665
0.278	0.14793983	2.482159361	23.70287591	0.149122357	2.502	0.370145455	0.14793983
0.271	0.167572403	2.816296198	26.89364767	0.145122907	2.439	0.408709091	0.167572403
0.264	0.187121212	3.150433035	30.08441943	0.141123457	2.376	0.4446	0.187121212
0.257	0.206579413	3.484569872	33.27519118	0.137124007	2.313	0.477818182	0.206579413
0.25	0.225939394	3.818706709	36.46596294	0.133124556	2.25	0.508363636	0.225939394
0.243	0.245192667	4.152843546	39.6567347	0.129125106	2.187	0.536236364	0.245192667
0.236	0.264329738	4.486980383	42.84750645	0.125125656	2.124	0.561436364	0.264329738
0.229	0.28333995	4.82111722	46.03827821	0.121126206	2.061	0.583963636	0.28333995
0.222	0.302211302	5.155254058	49.22904997	0.117126756	1.998	0.603818182	0.302211302
0.215	0.320930233	5.489390895	52.41982173	0.113127305	1.935	0.621	0.320930233
0.208	0.339481352	5.823527732	55.61059348	0.109127855	1.872	0.635509091	0.339481352
0.201	0.357847128	6.157664569	58.80136524	0.105128405	1.809	0.647345455	0.357847128
0.194	0.376007498	6.491801406	61.992137	0.101128955	1.746	0.656509091	0.376007498
0.187	0.393939394	6.825938243	65.18290876	0.097129505	1.683	0.663	0.393939394
0.18	0.411616162	7.16007508	68.37368051	0.093130054	1.62	0.666818182	0.411616162
0.173	0.429006831	7.494211917	71.56445227	0.089130604	1.557	0.667963636	0.429006831
0.166	0.44607521	7.828348754	74.75522403	0.085131154	1.494	0.666436364	0.44607521
0.159	0.462778731	8.162485591	77.94599578	0.081131704	1.431	0.662236364	0.462778731
0.152	0.479066986	8.496622428	81.13676754	0.077132254	1.368	0.655363636	0.479066986
0.145	0.494879833	8.830759265	84.3275393	0.073132803	1.305	0.645818182	0.494879833
0.138	0.510144928	9.164896102	87.51831106	0.069133353	1.242	0.6336	0.510144928
0.131	0.524774462	9.499032939	90.70908281	0.065133903	1.179	0.618709091	0.524774462
0.124	0.538660802	9.833169776	93.89985457	0.061134453	1.116	0.601145455	0.538660802
0.117	0.551670552	10.16730661	97.09062633	0.057135003	1.053	0.580909091	0.551670552
0.11	0.563636364	10.50144345	100.2813981	0.053135553	0.99	0.558	0.563636364
0.103	0.574345396	10.83558029	103.4721698	0.049136102	0.927	0.532418182	0.574345396
0.096	0.583522727	11.16971712	106.6629416	0.045136652	0.864	0.504163636	0.583522727
0.089	0.590806946	11.50385396	109.8537134	0.041137202	0.801	0.473236364	0.590806946
0.082	0.59571323	11.8379908	113.0444851	0.037137752	0.738	0.439636364	0.59571323
0.075	0.597575758	12.17212764	116.2352569	0.033138302	0.675	0.403363636	0.597575758
0.068	0.595454545	12.50626447	119.4260286	0.029138851	0.612	0.364418182	0.595454545
0.061	0.587978142	12.84040131	122.6168004	0.025139401	0.549	0.3228	0.587978142
0.054	0.573063973	13.17453815	125.8075721	0.021139951	0.486	0.278509091	0.573063973
0.047	0.547388781	13.50867498	128.9983439	0.017140501	0.423	0.231545455	0.547388781
0.04	0.50530303	13.84281182	132.1891157	0.013141051	0.36	0.181909091	0.50530303
0.017	0	14.94069	142.67308	0	0.153	0	0

Max efficiency 0.597576162

I peak efficiency 0.074899933 A
 W peak efficiency 12.17690421 rad/s
 T peak efficiency 0.045645898 Nm

I peak power 0.1735 A
 P peak power 0.664029545 W
 W peak power 7.470345 rad/s
 T peak power 0.089416279 Nm

P out peak eff 0.402825732
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