

SIMULASI						
Variasi katup	kecepatan putar (rpm)	Torsi (N.m)	Laju Aliran Massa (kg/s)	Daya Turbin (Watt)	Daya Hidrolik (Watt)	Efisiensi (%)
<b>1/3</b>	285	0.07	2.05	2.03	60.27	3.37
	215	0.17	2.79	3.86	82.13	4.71
	140	0.23	2.95	3.42	86.86	3.93
	70	0.21	2.83	1.56	83.39	1.87
	0	0.16	2.32	0	68.18	0
<b>1/2</b>	535	0.08	2.87	4.67	84.57	5.52
	435	0.16	3.11	7.22	91.54	7.89
	275	0.25	3.40	7.07	100.08	7.06
	135	0.38	3.92	5.36	115.32	4.65
	0	0.49	3.78	0	111.36	0
<b>3/4</b>	680	0.01	2.75	0.53	80.86	0.66
	535	0.31	3.64	17.16	107.14	16.02
	350	0.66	4.33	24.36	127.56	19.09
	175	0.86	4.76	15.83	140.01	11.30
	0	1.03	5.39	0	158.71	0
<b>Penuh</b>	700	0.01	2.89	0.80	85.04	0.94
	570	0.34	3.85	20.02	113.20	17.68
	370	0.87	4.84	33.77	142.52	23.69
	185	1.20	5.60	23.23	164.73	14.10
	0	1.29	6.06	0	178.42	0

<b>EKSPERIMEN</b>						
<b>Variasi katup</b>	<b>kecepatan putar (rpm)</b>	<b>Torsi (N.m)</b>	<b>Laju Aliran Massa (kg/s)</b>	<b>Daya Turbin (Watt)</b>	<b>Daya Hidrolik (Watt)</b>	<b>Efisiensi (%)</b>
<b>1/3</b>	285	0.01	1.56	0.15	46.03	0.32
	215	0.10	1.57	2.18	63.91	4.71
	140	0.11	1.59	1.58	86.74	3.38
	70	0.13	1.63	0.93	109.84	1.94
	0	0.16	1.68	0	115.62	0
<b>1/2</b>	590	0.01	2.00	0.31	58.95	0.52
	435	0.12	2.41	5.28	70.78	7.46
	275	0.22	2.81	6.30	82.61	7.63
	135	0.36	2.85	5.03	83.98	5.99
	0	0.49	2.87	0	84.53	0
<b>3/4</b>	720	0.01	2.10	0.38	61.71	0.61
	535	0.26	2.75	14.78	80.96	18.26
	350	0.50	3.41	18.46	100.22	18.42
	175	0.76	3.69	13.94	108.74	12.82
	0	1.02	3.98	0	116.99	0
<b>Penuh</b>	770	0.01	2.17	0.40	63.91	0.63
	570	0.37	2.95	21.90	86.74	25.24
	370	0.72	3.73	27.88	109.84	25.40
	185	1.00	3.93	19.27	115.62	16.66
	0	1.27	4.04	0	118.92	0

<b>Selisih hasil eksperimental dengan hasil simulasi</b>					
<b>Variasi katup</b>	<b>kecepatan putar</b>	<b>Torsi</b>	<b>Laju Aliran Massa</b>	<b>Daya Turbin</b>	<b>Efisiensi</b>
<b>1/3</b>	285	93%	24%	93%	90%
	215	44%	44%	44%	0%
	140	54%	46%	54%	14%
	70	40%	42%	40%	4%
	0	2%	28%	0%	0%
<b>1/2</b>	535	94%	30%	93%	91%
	435	27%	23%	27%	5%
	275	11%	17%	11%	8%
	135	6%	27%	6%	29%
	0	0.1%	24%	0%	0%
<b>3/4</b>	680	33%	24%	29%	8%
	535	14%	24%	14%	14%
	350	24%	21%	24%	4%
	175	12%	22%	12%	13%
	0	0.7%	26%	0%	0%
<b>Penuh</b>	700	54%	25%	50%	33%
	570	9%	23%	9%	43%
	370	17%	23%	17%	7%
	185	17%	30%	17%	18%
	0	1.3%	33%	0%	0%