LAMPIRAN

Lampiran 1. *Roller* Silinder

Lampiran 2. *Roller Slidding*

Lampiran 3. Proses bongkar pasang *roller* pada CVT

Lampiran 4. Proses pemasangan kendaraan pada alat *dynotest*

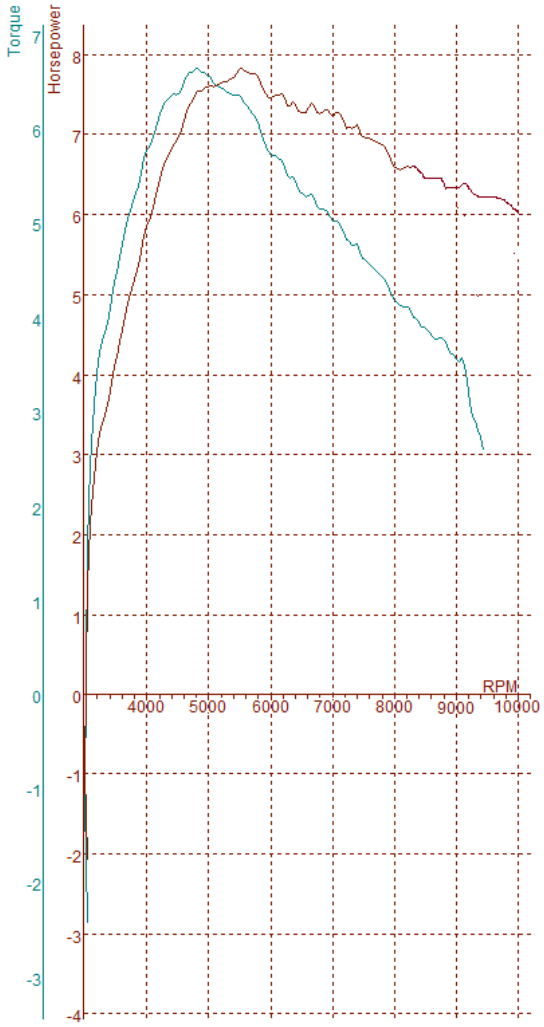
Lampiran 5. Proses *Dynotest*

Lampiran 6. Hasil *Dynotest* menggunakan *roller* silinder

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER STD001	7.6 (7.6) / 6000	6.64 (6.64) / 5000	88.4	33.0	63	1002.0	1/4/2008 2:1 1:09 AM



DATA FOR TEST: VARIO ROLLER STD001

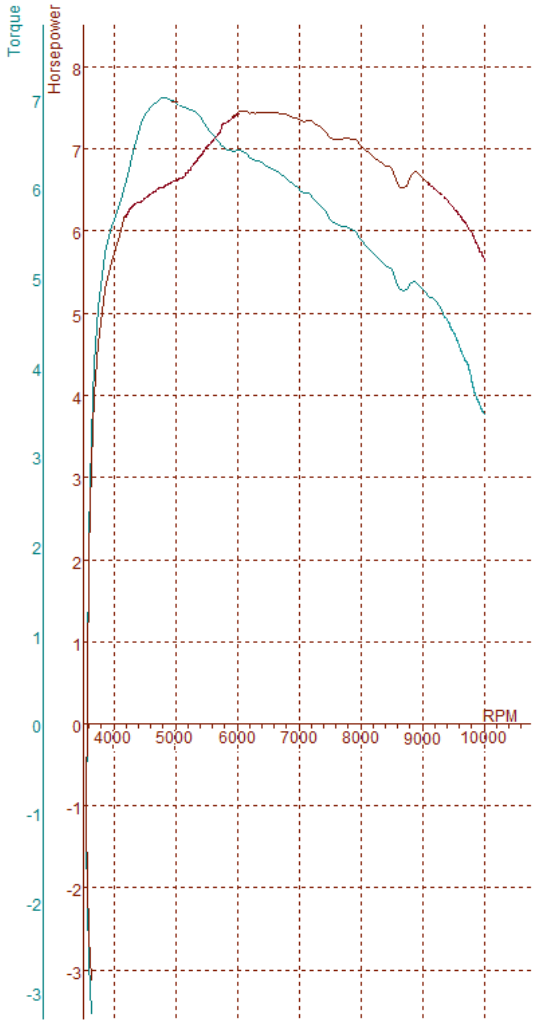
RPM	HP (HP)	TQ (N*M)	
4000	5.8	5.81	2,32
5000	7.5	6.64	2,96
6000	7.6	6.33	3,56
7000	7.5	5.72	4,00
8000	7.2	5.01	4,98
9000	6.6	4.17	6,10
10000	6.1	3.53	7,46

LOSSES	0.0 HP	0.0N*M
TOTAL ENGINE:	7.6HP	6.64N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER STD002	7.5 (7.5) / 6000	7.01 (7.01) / 5000	73.8	33.0	63	1002.0	1/4/2008 1:39:44 AM



DATA FOR TEST: VARIO ROLLER STD002

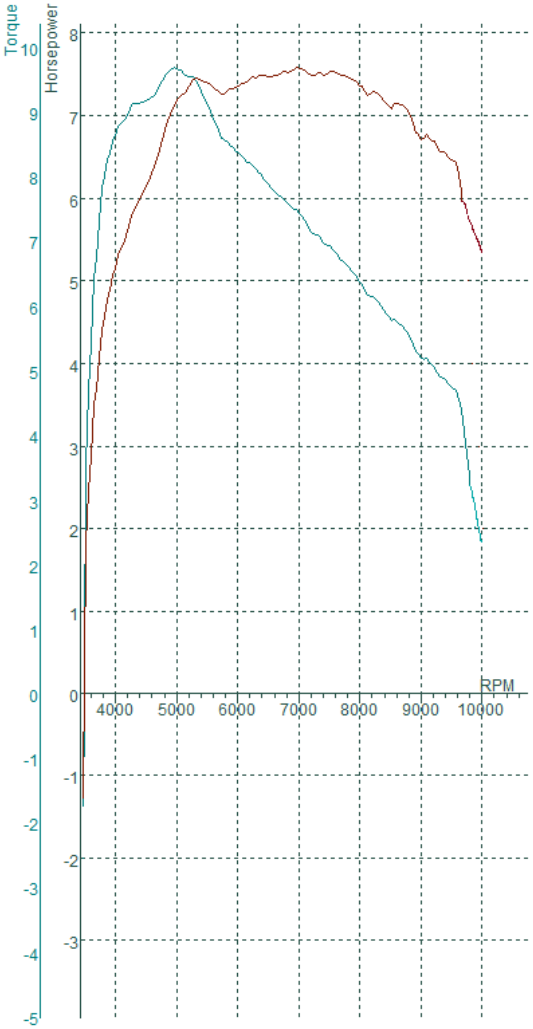
RPM	HP (HP)	TQ (N*M)	
4000	5.7	5.73	0,98
5000	6.5	7.01	1,30
6000	7.5	6.87	1,50
7000	7.4	6.42	1,84
8000	7.0	5.38	2,80
9000	6.6	4.78	4,22
10000	5.7	3.89	6,10

LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.5HP 7.01N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER STD003	7.5 (7.5) / 7000	9.68 (9.68) / 5000	73.9	33.0	63	1002.0	1/4/2008 1:38:06 AM



DATA FOR TEST: VARIO ROLLER STD003

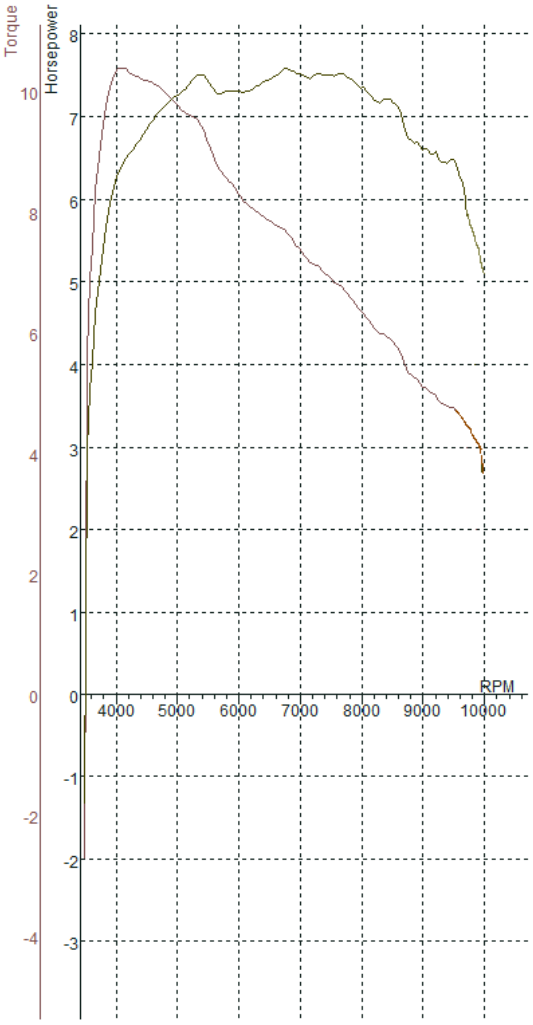
RPM	HP (HP)	TQ (N*M)	
4000	5.3	8.78	1,34
5000	7.2	9.68	1,90
6000	7.4	8.34	1,96
7000	7.5	7.40	2,58
8000	7.4	7.38	3,30
9000	6.7	6.32	3,32
10000	5.4	2.56	4,14

LOSSES	0.0 HP	0.0N*M
TOTAL ENGINE:	7.5 HP	9.68N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER STD004	7.6 (7.6) / 7000	10.37 (10.37) / 4000	73.4	33.0	63	1002.0	1/4/2008 1:26:29 AM



DATA FOR TEST: VARIO ROLLER STD004

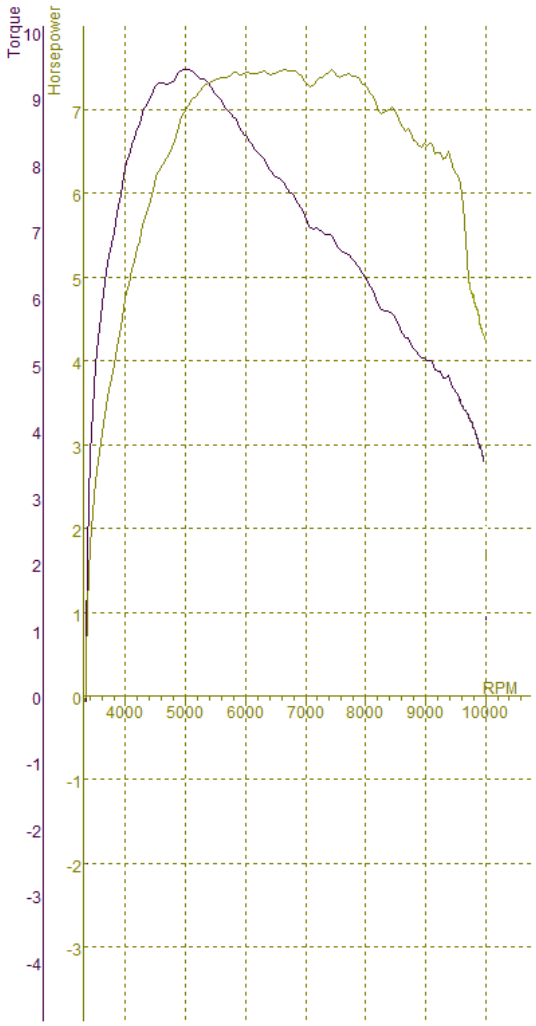
RPM	HP (HP)	TQ (N*M)	
4000	6.3	10.37	1,06
5000	7.0	9.70	1,62
6000	7.3	8.25	2,24
7000	7.6	7.33	2,74
8000	7.4	6.32	2,96
9000	6.6	5.09	3,80
10000	5.4	2.86	4,78

LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.6HP 10.37N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER STD005	7.4 (7.4) / 6000	9.43 (9.43) / 5000	73.8	33.0	63	1002.0	1/4/2008 1:23:37 AM



DATA FOR TEST: VARIO ROLLER STD005

RPM	HP (HP)	TQ (N*M)	
4000	4.9	8.12	1,64
5000	6.0	9.43	2,26
6000	7.4	8.38	2,90
7000	7.3	7.14	3,62
8000	7.2	6.24	4,46
9000	6.6	5.05	5,48
10000	4.2	3.83	7,10

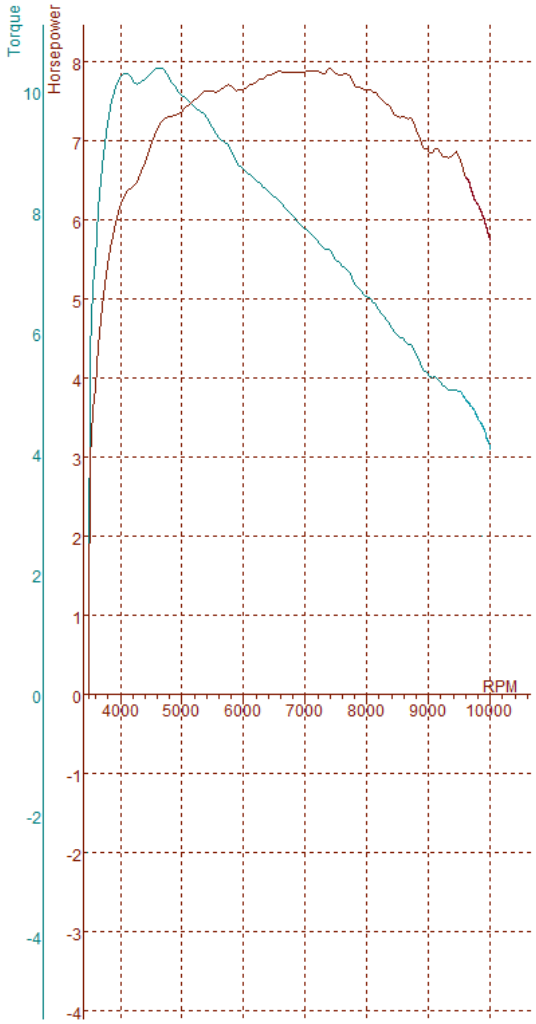
LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.4 HP 9.43N*M

Lampiran 7. Hasil *Dynotest* menggunakan *roller slidding*

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER SLEDING001	7.9 (7.9) / 7000	10.37 (10.37) / 4000	73.4	33.0	63	1002.0	1/4/2008 1:4 1:01 AM



DATA FOR TEST: VARIO ROLLER SLEDING001

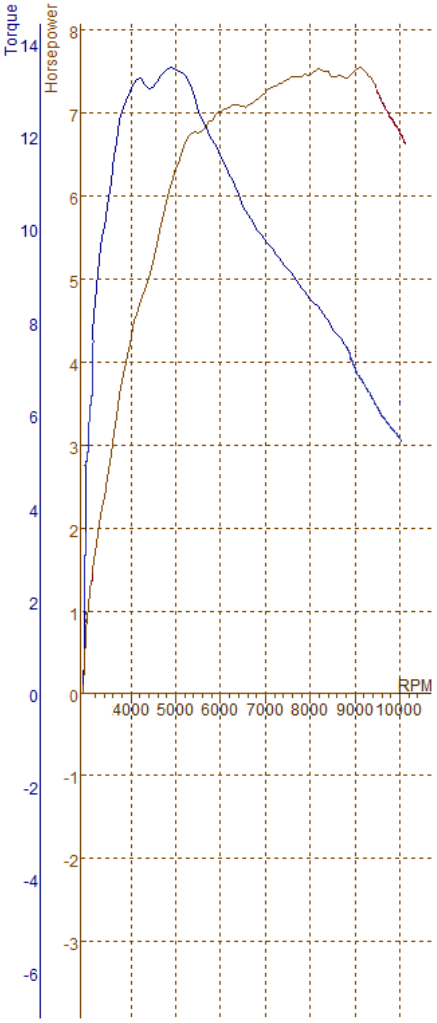
RPM	HP (HP)	TQ (N*M)	
4000	6.8	10.37	1,08
5000	7.4	9.88	1,64
6000	7.7	8.63	2,26
7000	7.9	7.69	2.94
8000	7.6	6.57	3,74
9000	6.9	5.28	4,70
10000	5.9	4.20	6,60

LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.9HP 10.37N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER SLEDING002	7.6 (7.6) / 9000	13.47 (13.47) / 5000	72.9	33.0	63	1002.0	1/4/2008 1:3 6:29 AM



DATA FOR TEST: VARIO ROLLER SLEDING002

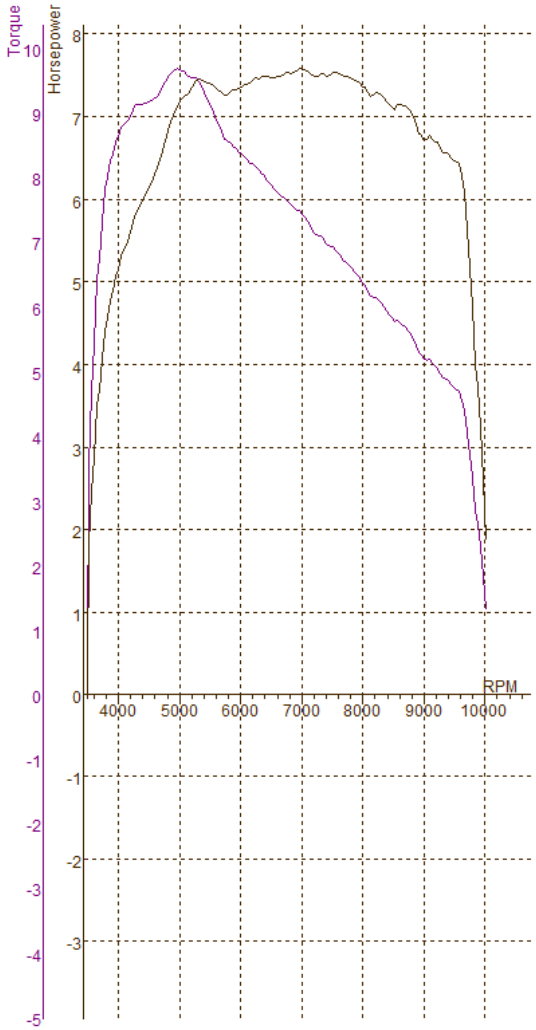
RPM	HP (HP)	TQ (N*M)	
4000	4.8	13.13	1,64
5000	6.2	13.47	2.00
6000	7.1	11.47	2.52
7000	7.3	9.71	3,06
8000	7.5	8.42	3,70
9000	7.6	7.36	4.42
10000	6.7	5.14	6,26

LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.6HP 13.47N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER SLEDING003	7.6 (7.6) / 7000	9.68 (9.68) / 5000	73.9	33.0	63	1002.0	1/4/2008 1:38:06 AM



DATA FOR TEST: VARIO ROLLER SLEDING003

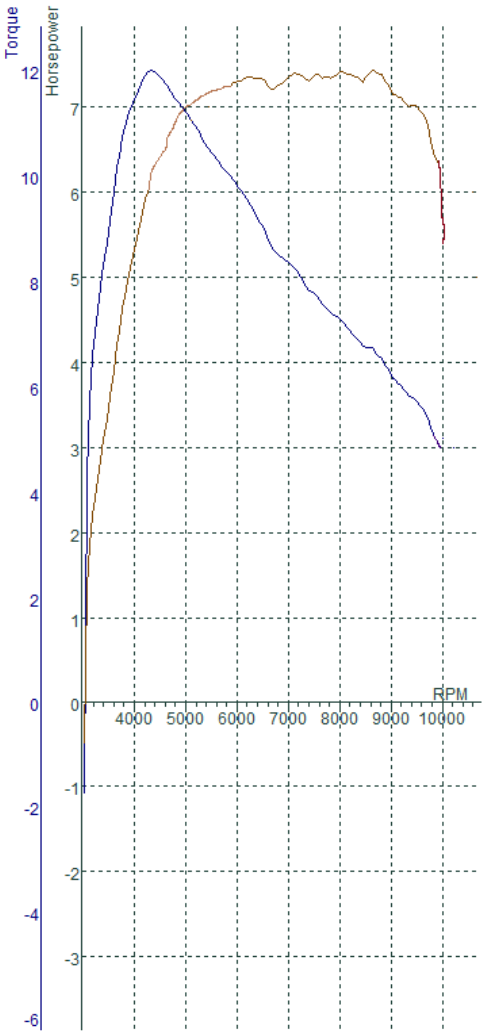
RPM	HP (HP)	TQ (N*M)	
4000	5.4	8.78	1.34
5000	7.4	9.68	1,96
6000	7.4	8.34	2,58
7000	7.6	7.38	3,32
8000	7.4	6.32	4,14
9000	6.7	5.15	5,12
10000	1.9	1.32	6,60

LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.6HP 9.68N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER SLEDING004	7.4 (7.4) / 7000	11.99 (11.99) / 4000	73.3	33.0	63	1002.0	1/4/2008 1:26:12 AM



DATA FOR TEST: VARIO ROLLER SLEDING004

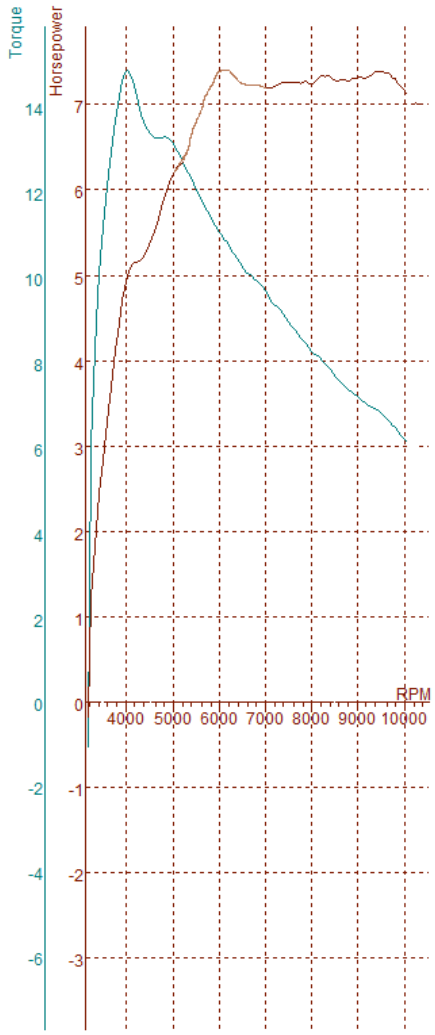
RPM	HP (HP)	TQ (N*M)	
4000	6.8	11.99	1,52
5000	7.6	9.76	1,88
6000	7.4	8.32	2,42
7000	7.6	7.23	3,06
8000	7.4	6.15	3,82
9000	6.5	5.02	4,30
10000	5.7	5.00	5,68

LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.6 HP 11.99N*M

SPORTDYNO V3.7
DYNAMOMETER: SD325
ROLLER INERTIA: 4,6

Displacement Correction
Correction Factor: ISO 1585

Name	HP/rpm	N*M/rpm	KMH	Temp. (°C)	Humidity (%)	Pressure (mbar)	Date/Time
VARIO ROLLER SLEDING005	7.5 (7.5) / 6000	14.86 (14.86) / 4000	73.2	33.0	63	1002.0	1/4/2008 1:2 5:43 AM



DATA FOR TEST: VARIO ROLLER SLEDING005

RPM	HP (HP)	TQ (N*M)	
4000	5.4	14.86	1,32
5000	6.2	13.06	1,34
6000	7.5	10.98	1,76
7000	7.4	9.60	2,24
8000	7.4	8.20	2,80
9000	7.3	7.16	3,44
10000	7.1	6.14	4,18

LOSSES 0.0 HP 0.0N*M
TOTAL ENGINE: 7.5HP 14.86N*M

Lampiran 8. Riwayat Hidup

RIWAYAT HIDUP

I Made Dedik Ananta Wijaya, lahir di Pidpid, 24 April 1999. Peneliti lahir dari pasangan suami istri, Bapak I Nengah Jelantik dan Ibu Ni Made Suriati. Peneliti berkebangsaan Indonesia dan beragama Hindu. Peneliti tinggal bersama kedua orang tua di Desa Pidpid, Kecamatan Abang, Kabupaten Karangasem, Provinsi Bali. Peneliti mengenyam pendidikan Sekolah Dasar di SD Negeri 2 Pidpid dari tahun 2004 – 2010, kemudian berlanjut kejenjang Sekolah Menengah Pertama di SMP Negeri 1 Abang dari tahun 2010 – 2013, pada jenjang selanjutnya peneliti melanjutkan pendidikan di SMK Negeri 1 Abang dengan jurusan Teknik Kendaraan Ringan (TKR) pada tahun 2013 – 2016, dan pada saat ini melanjutkan pendidikan di perguruan tinggi di Universitas Pendidikan Ganesha pada tahun 2016 dengan mengambil Program Studi S1 Pendidikan Teknik Mesin, Jurusan Teknologi Industri, Fakultas Teknik dan Kejuruan.