

# **LAMPIRAN**

# Lampiran 1



Jl. Ringroad Selatan, Kemasan, Singosaren,  
Kingskapas, Jember, Jogyakarta.  
Telp : +62 273 65 303 03

SPORTDYNO V3.3  
DYNAMOMETER: MOTOTECH RPD  
ROLLER INERTIA: 1.446

Displacement Correction  
Correction Factor: ISO 1585  
NOTE: Load Cell Included.

KMH | Date/Time  
85.4 | 6/1/2016 3:23:28 PM

Pressure | Humidity %  
1000.0 mbar | 58 %

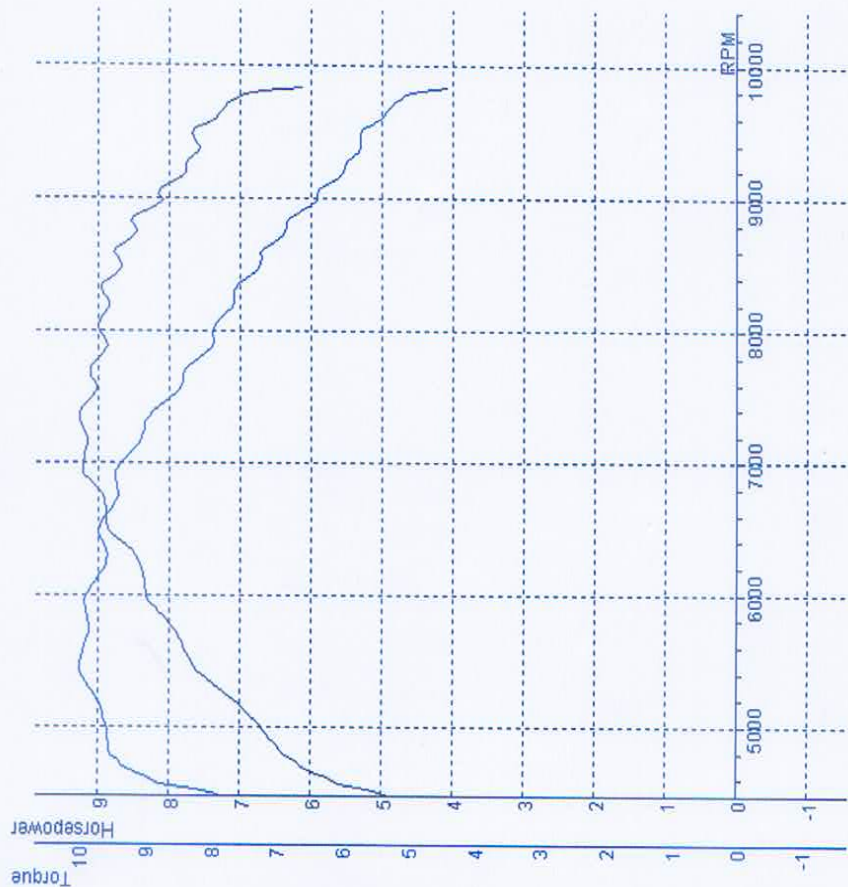
Temp. °C  
33.1 °C

MAX TORQUE  
9.99 (9.99) / 5457

MAX POWER.  
9.3 (9.3) / 7325

TEST NAME  
HONDA BLADE 110 T015

DATA FOR TEST: HONDA BLADE 110 T015



Comments  
KOIL STD / BUSI STD

RPM	HP (HP)*M	T (N*M)*M
4250	5.2	8.23
4500	5.4	8.53
4750	6.3	9.46
5000	6.7	9.58
5250	7.2	9.79
5457	7.6	9.99
5500	7.7	9.96
5750	8.0	9.84
6000	8.3	9.85
6250	8.4	9.57
6500	8.9	9.68
6750	8.9	9.40
7000	9.2	9.32
7250	9.2	9.00
7325	9.3	8.97
7500	9.1	8.55
7750	9.0	8.25
8000	9.0	7.94
8250	8.9	7.63
8500	8.7	7.23
8750	8.5	6.84
9000	8.1	6.37
9250	7.8	5.93
9500	7.6	5.67
9750	7.0	5.10

LOSSES: 0.0 HP  
TOTAL ENGINE: 9.3HP  
0.0N\*M\*M  
9.99N\*M\*M

## Lampiran 2



Tipe Centrifugal Turbine Komposit Super  
 Jl. Ringroad Selatan, Kawasan, Singosaren,  
 Banguntapan, Bantul, Yogyakarta.  
 Tlp : +62 274 65 363 63

SPORTDYNO V3.3  
 DYNAMOMETER: MOTOTECH RPD  
 ROLLER INERTIA: 1.446

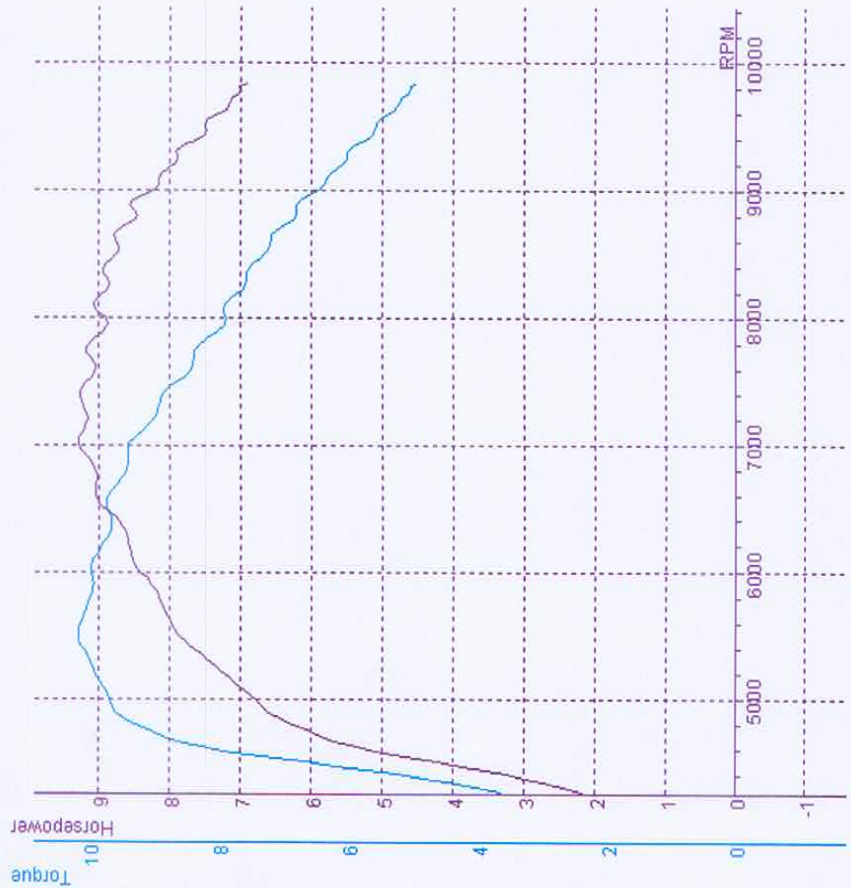
Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

KMH 85.3    Date/Time 6/1/2016 3:30:58 PM  
 Pressure 1000.0 mbar  
 Humidity % 56 %  
 Temp. °C 33.3 °C

MAX TORQUE 10.18 (10.18) / 5486  
 MAX POWER 9.3 (9.3) / 7029

TEST NAME HONDA BLADE 110 T025

DATA FOR TEST: HONDA BLADE 110 T025



Comments  
 KOIL STD / BUSI PLATINUM

RPM	HP (HP/Q (N·M·M))	T
4250	2.3	3.89
4500	4.5	7.13
4750	6.1	9.10
5000	6.8	9.71
5250	7.3	9.96
5486	7.8	10.18
5750	8.1	10.18
6000	8.5	10.01
6250	8.6	9.99
6500	8.9	9.73
6750	9.0	9.72
7000	9.3	9.47
7029	9.3	9.41
7250	9.2	9.38
7500	9.2	8.96
7750	9.2	8.67
8000	8.9	8.36
8250	8.8	7.90
8500	8.7	7.59
8750	8.5	7.26
9000	8.2	6.84
9250	7.9	6.40
9500	7.5	6.01
9750	7.0	5.57
		5.08
		4.78

LOSSES: 0.0 HP    0.0N·M·M  
 TOTAL ENGINE: 9.3HP    10.18N·M·M

# Lampiran 3



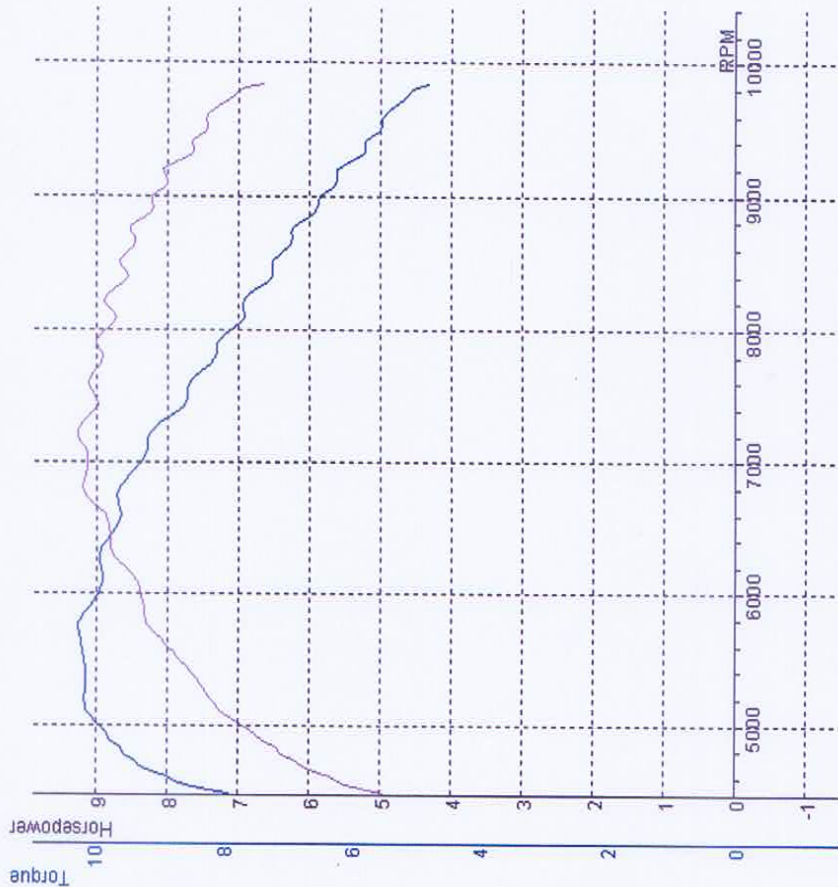
Dinas Centre of Machinery Research  
 Jl. Ringroad Selatan, Kemaman, Singosaren,  
 Jangtapan, Bentul, Yogyakarta.  
 Telp : +62 278 69 303 03

SPORTDYN V3.3  
 DYNAMOMETER: MOTOTECH RPD  
 ROLLER INERTIA: 1.446

Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME | MAX POWER. | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time

HONDA BLADE 110 T026 | 9.3 (9.3) / 7209 | 10.26 (10.26) / 5747 | 33.4 °C | 57 % | 1000.0 mbar | 85.2 | 6/1/2016 3:33:32 PM



DATA FOR TEST: HONDA BLADE 110 T026

Comments  
 KOIL STD / BUSI DOUBLE IRIIDIUM

RPM	HP (HP)*M*M	T (N*M)*M
4250	5.2	8.19
4500	5.4	8.45
4750	6.3	9.47
5000	7.0	9.98
5250	7.5	10.13
5500	7.9	10.16
5747	8.3	10.26
5750	8.3	10.24
6000	8.4	9.91
6250	8.7	9.91
6500	8.8	9.62
6750	9.1	9.64
7000	9.1	9.25
7209	9.3	9.14
7250	9.2	9.04
7500	9.0	8.53
7750	8.9	8.14
8000	8.8	7.82
8250	8.9	7.61
8500	8.7	7.23
8750	8.5	6.89
9000	8.2	6.41
9250	7.8	5.96
9500	7.4	5.52
9750	7.1	5.13

LOSSES: 0.0 HP  
 TOTAL ENGINE: 9.3 HP  
 0.0N\*M\*M  
 10.26N\*M\*M

# Lampiran 4



Jl. Ringroad Selatan, Komasan, Singosaren,  
 Singosari, Malang, Jawa Timur, Yogyakarta.  
 Tlp : +62 274 65 363 03

SPORTDYNO V.3.3  
 DYNAMOMETER: MOTOTECH RPD  
 ROLLER INERTIA: 1.446

Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

KMH 85.3 | Date/Time 6/1/2016 4:41:57 PM

Pressure 1000.0 mbar | Humidity % 55 %

Temp. °C 32.9 °C

MAX TORQUE 9.91 (9.91)/5449

MAX POWER 9.3 (9.3)/7349

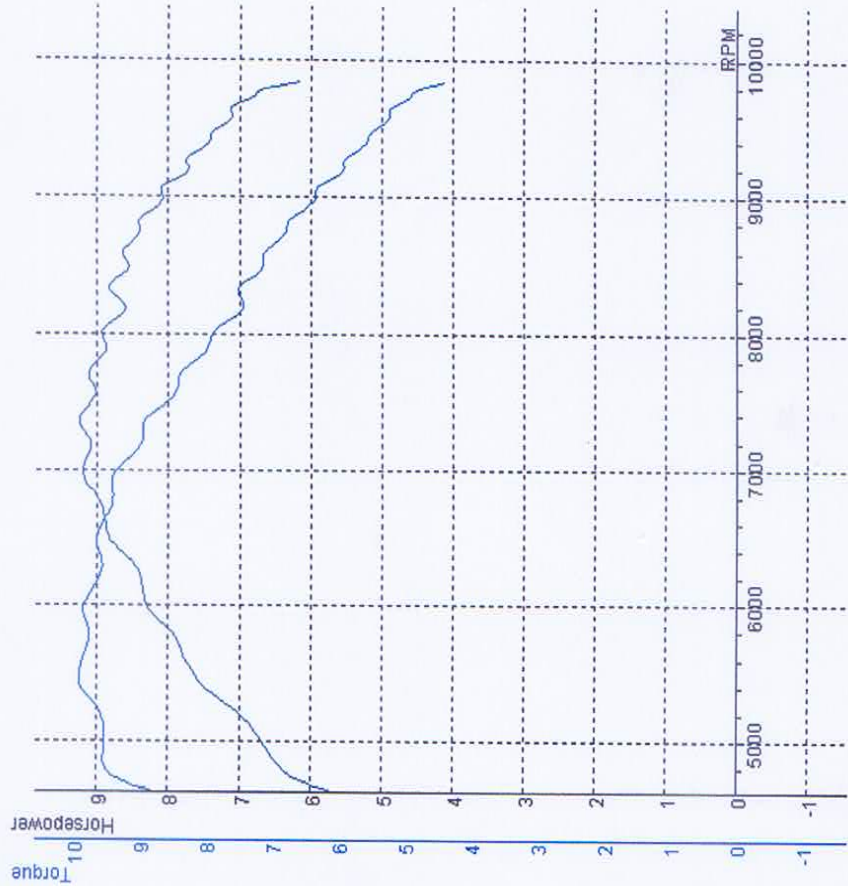
TEST NAME HONDA BLADE 110 T055

DATA FOR TEST: HONDA BLADE 110 T055

Comments KOIL STD / BUSI STD / PERTAMAX +

RPM	HP (HP/Q)	(N*M*M)	T
4250	5.9	9.06	0.52
4500	6.1	9.23	0.54
4750	6.3	9.45	0.58
5000	6.7	9.52	0.74
5250	7.1	9.65	0.90
5449	7.6	9.91	1.02
5500	7.7	9.90	1.06
5750	7.9	9.76	1.22
6000	8.3	9.83	1.38
6250	8.4	9.57	1.54
6500	8.8	9.65	1.70
6750	9.0	9.41	1.88
7000	9.2	9.31	2.04
7250	9.2	8.95	2.22
7349	9.3	8.93	2.28
7500	9.0	8.54	2.40
7750	9.1	8.26	2.60
8000	8.9	7.90	2.80
8250	8.7	7.47	3.00
8500	8.6	7.13	3.22
8750	8.4	6.78	3.46
9000	8.1	6.35	3.70
9250	7.7	5.91	3.98
9500	7.2	5.36	4.28
9750	6.8	4.89	4.60

LOSSES: 0.0 HP  
 TOTAL ENGINE: 9.3 HP  
 0.0N\*M\*M  
 9.91N\*M\*M



# Lampiran 5



SPORTDYNO V33  
DYNAMOMETER: MOTOTECH RPD  
ROLLER INERTIA: 1.446

Displacement Correction  
Correction Factor: ISO 1585  
NOTE: Load Cell Included.

KMH | Date/Time  
85.1 | 6/4/2016 9:56:44 AM

Temp. °C | Humidity % | Pressure  
29.3 °C | 60 % | 1000.0 mbar

MAX TORQUE  
9.98 (9.98) / 5721

MAX POWER  
9.3 (9.3) / 7192

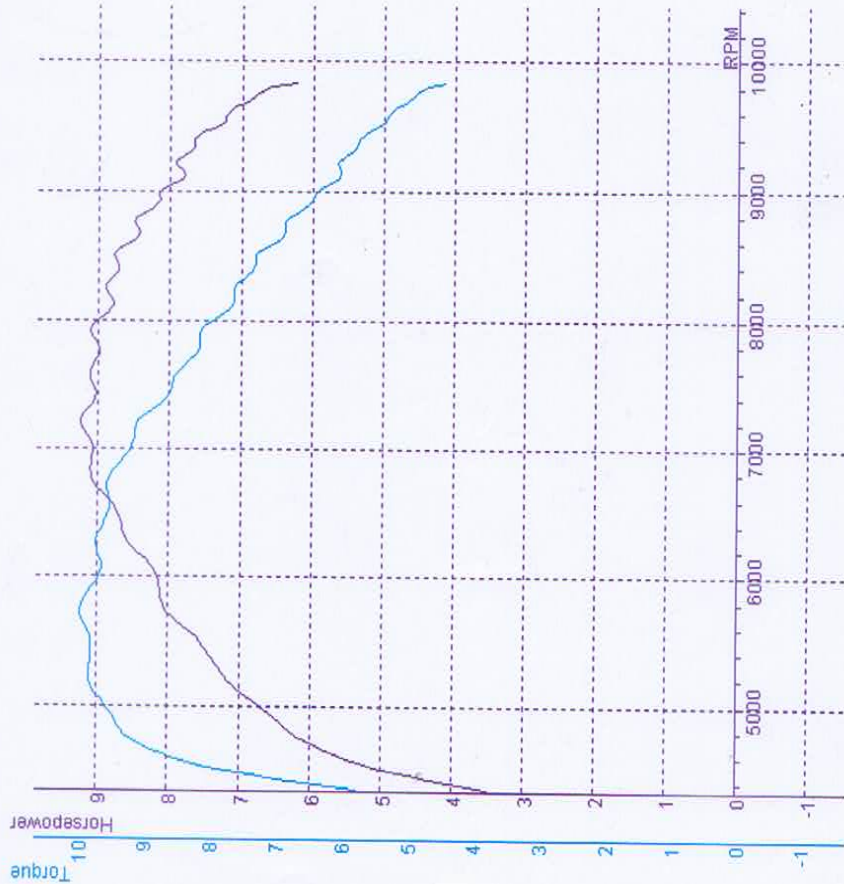
TEST NAME  
HONDA BLADE 110 T009

DATA FOR TEST: HONDA BLADE 110 T009

Comments  
BUSI PLATINUM / KOIL STD / PERTAMAX +

RPM	HP (HP) (N*M*M)	T
4250	3.8	6.15
4500	4.9	7.72
4750	6.2	9.28
5000	6.7	9.59
5250	7.3	9.82
5500	7.6	9.81
5721	8.0	9.98
5750	8.1	9.95
6000	8.2	9.68
6250	8.6	9.73
6500	8.7	9.54
6750	9.1	9.55
7000	9.1	9.19
7192	9.3	9.13
7250	9.2	8.97
7500	9.1	8.58
7750	9.0	8.20
8000	9.0	7.94
8250	8.9	7.63
8500	8.8	7.30
8750	8.5	6.87
9000	8.1	6.40
9250	7.9	6.02
9500	7.3	5.45
9750	6.8	4.90

LOSSES: 0.0 HP  
TOTAL ENGINE: 9.3 HP  
0.0 N\*M\*M  
9.98 N\*M\*M



# Lampiran 6



PT. MOTOTECH INDONESIA  
 Jl. Ringroad Selatan, Kamasan, Singosaren,  
 Banguntapan, Bantul, Yogyakarta.  
 Tlp : +62 274 65 363 03

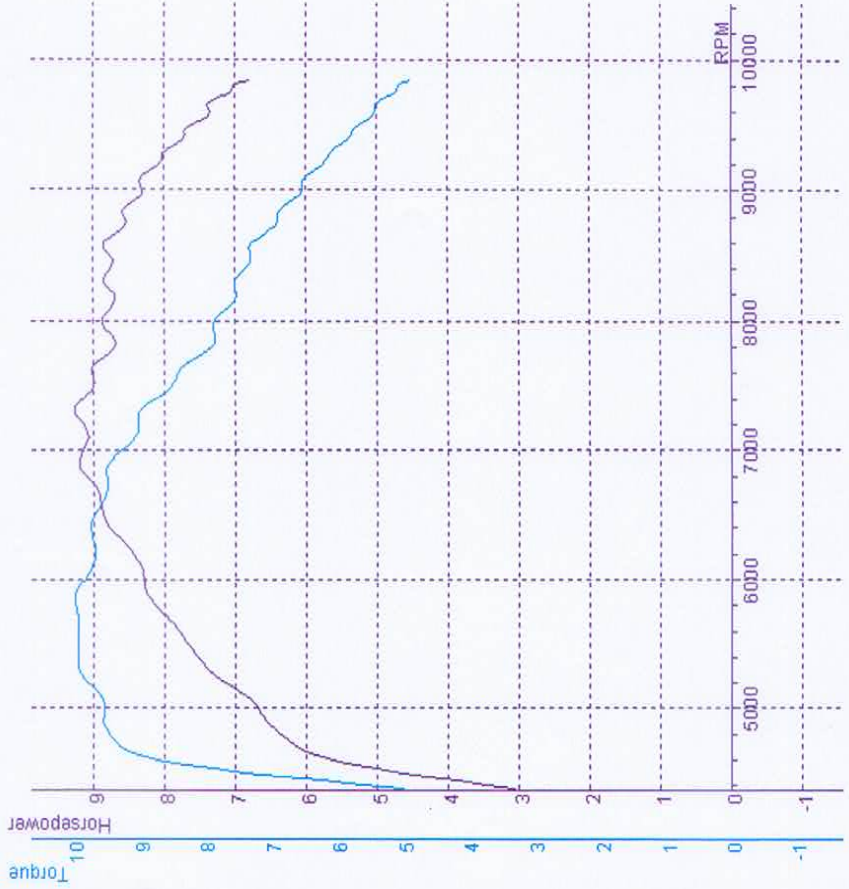
SPORTDYNO V3.3  
 DYNAMOMETER: MOTOTECH RPD  
 ROLLER INERTIA: 1.446

Displacement Correction  
 Correction Factor: ISO 1585  
 NOTE: Load Cell Included.

TEST NAME | MAX POWER | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time  
 HONDA BLADE 110 T017 | 9.3 (9.3)/7309 | 9.99 (9.99)/3851 | 30.0 °C | 63 % | 1000.0 mbar | 85.1 | 6/4/2016 10:03:24 AM

DATA FOR TEST: HONDA BLADE 110 T017

Comments  
 BUSIDouble Iridium / KOIL STD / PERTAMAX +



LOSSES: 0.0N\*M\*M  
 TOTAL ENGINE: 9.3HP  
 9.99N\*M\*M