

Mototech

Distributore Italiano, Motorista, Diagnostico, Manutenzione
 Via... 20128 Milano

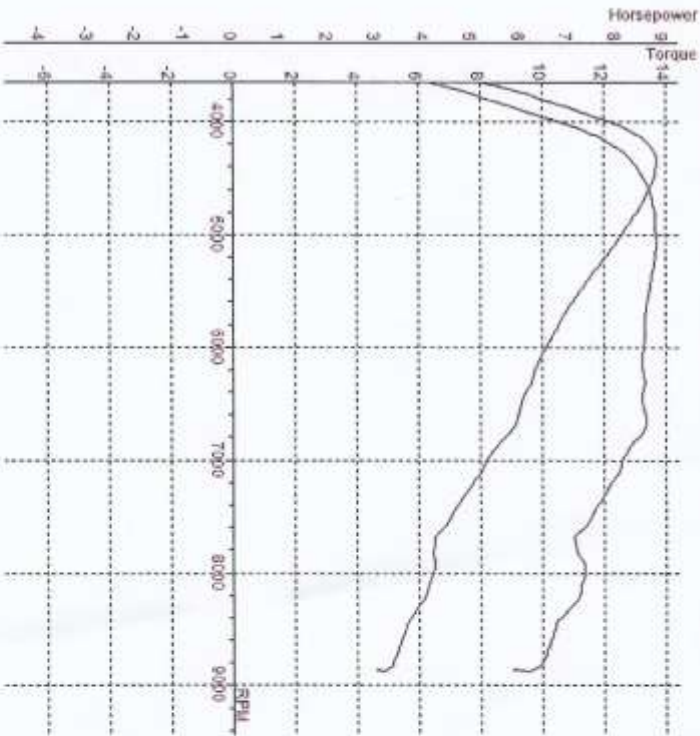
SPORTIVO V3
 DYNAMOMETER, MOTOTECH
 ROLLER INERTIA: 1446
 Distributore Concessionario
 Concessionario: SBO 1585
 NOTE: Load Cell Included.

TEST NAME: MAX POWER
 BEAT 110 T040: 8.3 (8.8) / 50.94

MAX TORQUE: 11.71 (11.52) / 43.86
 Temp: °C: 20.3
 Humidity: %: 68
 Pressure: 1008.0 mmbar
 RPM: 84.5

Date/Time: 22/03/2017 11:31:14

DATA FOR TEST: BEAT 110 T040



Comments: ECU BRT EPS/SENSI

RPM	HP (HP)	HP (kgm)	HP (Nm)	T
3500	4.4	8.62	0.57	
3750	5.0	9.53	0.56	
4000	7.0	12.44	0.70	
4250	8.2	13.67	0.84	
4500	8.3	13.72	0.88	
4750	8.6	13.58	0.98	
5000	8.8	13.16	1.12	
5250	8.8	12.55	1.28	
5500	8.8	12.37	1.32	
5750	8.7	11.85	1.44	
6000	8.6	11.22	1.60	
6250	8.5	10.62	1.78	
6500	8.5	10.09	1.98	
6750	8.5	9.72	2.16	
7000	8.5	9.32	2.36	
7250	8.5	8.94	2.58	
7500	8.1	8.18	2.82	
7750	7.8	7.62	3.06	
8000	7.5	7.03	3.34	
8250	7.1	6.51	3.62	
8500	7.3	6.45	3.92	
8750	7.1	6.10	4.22	
8500	6.7	5.57	4.56	
8750	6.3	5.22	4.92	

LOSSES: 0.0 HP
 TOTAL ENGINE: 8.8 HP
 13.72 Nm @ 7500 RPM

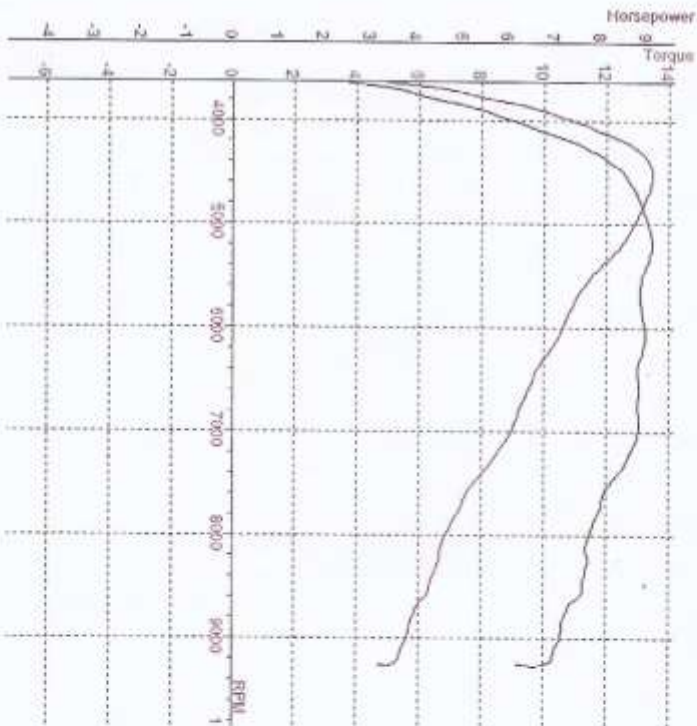
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PT. Center of Mechanical Engineering
 Jl. Pemuda Indah, Kecamatan, Kabupaten,
 Bantul, Yogyakarta, Indonesia
 Telp. +62 274 658880

SPORTSWING V1.1
 DYNAMOMETER, MOTOTECH
 ROLLER INERTIA: 1.466

Digitalizer Curcusion
 Curcusion Prober ISO 1585
 NOTE: Load Cell Included

TEST NAME: MAX POWER | BEAT 110 T019 | MAX TORQUE: 13.48 (13.48) / 4332 | Temp. °C: 28.0 °C | Humidity %: 75 % | Pressure: 1000.0 mBar | RPM: 84.2 | Date/Time: 22/03/2017 10:56:27



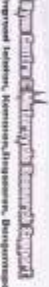
DATA FOR TEST: BEAT 110 T019

Comments:
 ECU BERT PERFORMA

RPM	HP (HP)	(N·M/100)	T
3100	3.0	3.85	0.52
3750	4.2	7.98	0.58
4000	6.1	10.93	0.70
4250	7.3	13.04	0.84
4500	8.3	13.48	0.96
4822	8.3	13.48	0.96
4750	8.0	13.23	1.10
5000	9.0	12.80	1.22
5214	9.1	12.47	1.34
5500	8.9	11.51	1.52
5750	8.9	10.96	1.68
6000	9.0	10.56	1.86
6250	8.9	10.08	2.02
6500	8.8	9.62	2.20
6750	8.8	9.21	2.40
7000	8.8	8.91	2.58
7250	8.6	8.35	2.80
7500	8.2	7.70	3.02
7750	8.0	7.28	3.26
8000	7.7	6.83	3.50
8250	7.6	6.32	3.76
8500	7.2	5.84	4.04
8750	7.1	5.39	4.34
9000	6.8	5.17	4.64
9250			5.08

LOSSES: 0.0 HP | 0.0 N·M/100
 TOTAL ENGINE: 9.1 HP | 13.48 N·M/100

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 Di. Integrasi Laborator, Instrumentasi, Pengukuran, Pengembangan,

 Material, Validasi, dan Sertifikasi

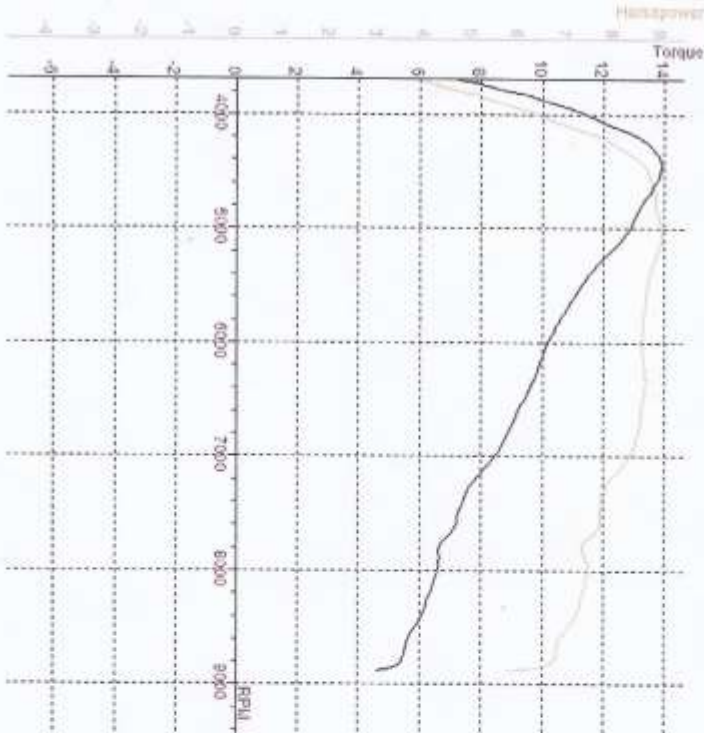
 Telp: + 62 21 524 02422

SPORTIVO V3.1
 DYNAMOMETER, MOTOTECH
 ROLLER INERTIA: 1.466
 Displacement Correction
 Correction Factor: ISO 1585
 NOTE: Load Cell Included.

TEST NAME: MAX POWER | MAX TORQUE: 13.90 (13.90) / 4469 | Temp. °C: 36.3 °C | Humidity %: 68 % | Pressure: 1000.0 mmHg | KMH: 34.5 | Date/Time: 22/01/2017 11:36:22

DATA FOR TEST: BEAT 110 T044

Comments: ECU BRT PERFORMA



RPM	HP	HP/HP0	(%)*HP/HP0	T
3500	4.1	7.36	0.57	
3750	4.4	8.42	0.54	
4000	6.5	11.64	0.68	
4250	8.1	13.57	0.83	
4469	8.7	13.90	0.82	
4500	8.7	13.87	0.84	
4750	8.9	13.28	1.19	
5000	9.0	12.82	1.29	
5066	9.0	12.78	1.28	
5250	8.9	12.01	1.40	
5500	8.7	11.21	1.38	
5750	8.6	10.63	1.78	
6000	8.6	10.15	1.94	
6250	8.7	9.79	2.14	
6500	8.6	9.35	2.34	
6750	8.5	8.96	2.54	
7000	8.3	8.38	2.78	
7250	7.8	7.62	3.02	
7500	7.7	7.25	3.28	
7750	7.3	6.69	3.56	
8000	7.4	6.27	3.84	
8250	7.3	6.24	4.14	
8500	7.0	5.81	4.46	
8750	6.8	5.46	4.82	

LOSSES: 0.0 HP | 0.00%HP
 TOTAL ENGINE: 9.0 HP | 13.90%HP

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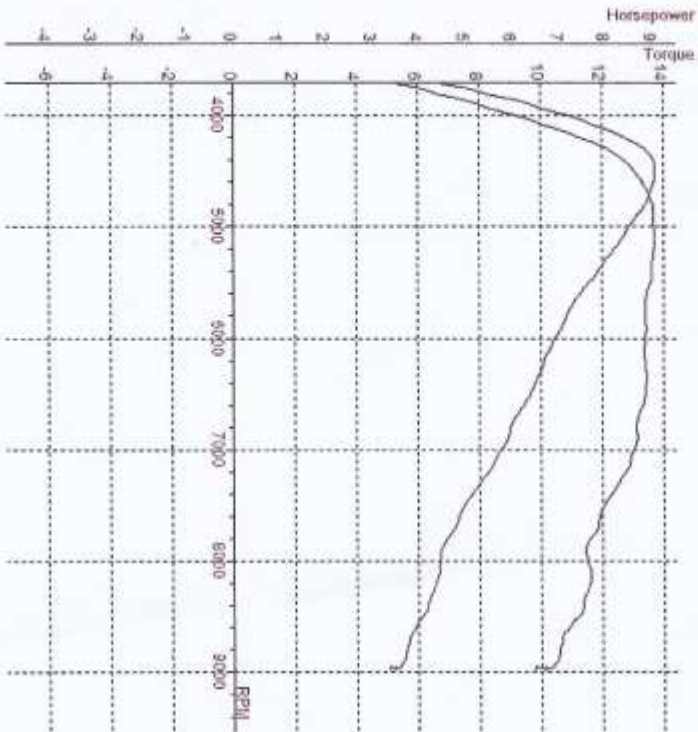


 In-Engine, In-Transmission, In-Driveline
 In-Plant, In-Use, In-Service
 In-Use, In-Service, In-Use, In-Service
 In-Use, In-Service, In-Use, In-Service

SPORTIVO V1.1
 DYNAKOMETER MOTOTECH
 ROLLER INERTIA: 1.646
 Displacement Corrected
 Correction Factor: ISO 1585
 NOTE: Load Cell Included

TEST NAME: MAX POWER | BEAT 110 T016 | MAX TORQUE: 13.69 (13.69) / 4538 | Temp: °C: 29.6 | Humidity: %: 75 | Pressure: 1000.0 mbar | KMH: 84.2 | Date/Time: 22/03/2017 10:55:47

DATA FOR TEST: BEAT 110 T016



Comments: ECU BRT STD

RPM	HP (kW)	HP (CV)	T
3500	3.0	7.27	0.52
3750	4.2	7.91	0.54
4000	6.1	10.88	0.66
4250	7.9	13.23	0.80
4500	8.5	13.69	0.90
4750	8.7	13.68	0.94
5000	9.0	13.48	1.06
5250	9.0	12.82	1.23
5500	9.0	12.50	1.30
5750	8.9	12.33	1.36
6000	8.9	11.90	1.54
6250	8.8	10.90	1.70
6500	8.8	10.44	1.88
6750	8.8	10.04	2.06
7000	8.6	9.62	2.26
7250	8.6	9.06	2.46
7500	8.3	8.40	2.68
7750	7.9	7.48	3.14
8000	7.6	7.07	3.40
8250	7.6	6.71	3.68
8500	7.3	6.50	3.96
8750	7.0	5.63	4.38

LOSSES: 0.0 HP | 0.0 kW
 TOTAL ENGINE: 9.0 HP | 13.69 kW

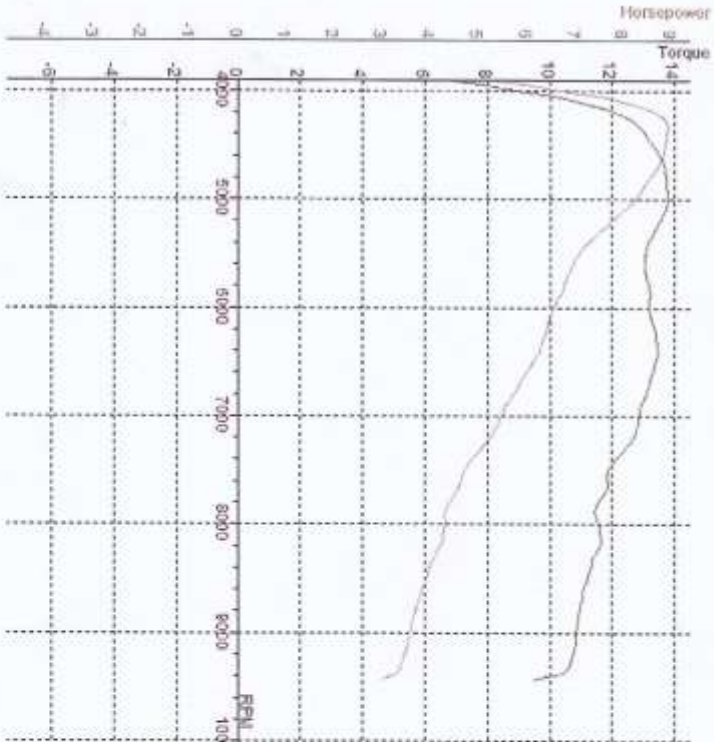
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Pte. Citra Mekanika Indonesia
 Jl. Husein Sastranegara, Gedung Industri, Bandung
 Jawa Barat, Indonesia
 Telp : +62 22 6330303

SPORTANO V4A
 DYNAMOMETER: MOTOTECH
 ROLLER INERTIA: 1.446

Dynaconnet Connection
 Connection File: ISO 1585
 NOTE: Load Cell Included.

TEST NAME: MAX POWER | MAX TORQUE | Temp: 28.6 °C | Humidity: 83 % | Pressure: 1000.0 mbar | RPM: 84 | Duration: 22/03/2017 16:35:21



DATA FOR TEST: BEAT 110 7015

RPM	HP (BHP)	(N·M·s)	T
3750	3.1	9.21	0.52
4000	6.1	10.91	0.56
4250	8.2	13.74	0.70
4500	10.2	15.78	0.72
4750	8.6	13.69	0.82
5000	8.9	13.32	0.96
5250	8.9	12.75	1.10
5500	8.9	12.66	1.12
5750	8.7	11.72	1.28
6000	8.4	10.93	1.44
6250	8.5	10.50	1.62
6500	8.3	10.10	1.80
6750	8.7	9.82	2.00
7000	8.5	9.45	2.18
7250	8.3	8.90	2.40
7500	8.1	8.41	2.62
7750	7.7	7.87	2.86
8000	7.5	7.22	3.10
8250	7.4	6.88	3.36
8500	7.4	6.35	3.64
8750	7.2	6.01	3.94
9000	7.0	5.72	4.24
9250	6.9	5.50	4.58
		5.27	4.88
			5.24

LOSSES: 0.0 HP
 TOTAL ENGINE: 13.78 N·M

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 In Management Systems, Performance, Precision, Reliability,
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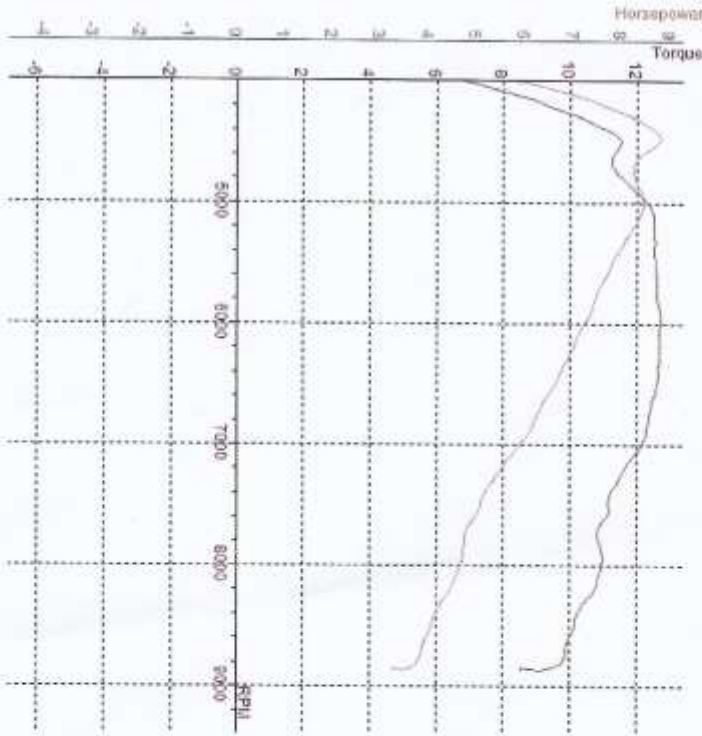
SPORTIVO V1.3
 DYNAMOMETER: MOTOTECH
 ROLLER INERTIAL: 1.446

Displacement Correction
 Correction factor: ISO 1585
 NOTE: Load Cell Included

TEST NAME: **MAX POWER** | **MAX TORQUE** | Temp. °C: **36.3** | Humidity %: **68** | Pressure: **1000.0** mbar | **KMH** | **Date/Time**
 BEAT 110 T023 | **Temp. °C** | **Humidity %** | **Pressure** | **KMH** | **Date/Time**
 36.3 | 68 | 1000.0 | 84.4 | 22/01/2017 11:05:54

DATA FOR TEST: BEAT 110 T023

Comments:
 ECU BRT ETSI/ENSI



RPM	HP (kW)	HP (CV)	T
3750	5.1	6.98	0.52
4000	5.4	7.48	0.54
4250	5.7	7.85	0.56
4500	6.0	8.22	0.58
4750	6.3	8.59	0.60
5000	6.6	8.96	0.62
5250	6.9	9.33	0.64
5500	7.2	9.70	0.66
5750	7.5	10.07	0.68
6000	7.8	10.44	0.70
6250	8.1	10.81	0.72
6500	8.4	11.18	0.74
6750	8.7	11.55	0.76
7000	9.0	11.92	0.78
7250	9.3	12.29	0.80
7500	9.6	12.66	0.82
7750	9.9	13.03	0.84
8000	10.2	13.40	0.86
8250	10.5	13.77	0.88
8500	10.8	14.14	0.90
8750	11.1	14.51	0.92

LOSSES: 0.0 HP
 TOTAL ENGINE: 8.8 HP

0.00%
 12.72%
 0.00%
 12.72%