

TABLE OF IGNITION MAPS

i-MAX SUPER PROMAXTRONIC

CATATAN:

- 1. Asumsi dasar langkap (J&E) = 15° BTDC
2. Apabila muncul beku dengan standar orang, maka langkap harus dikembalikan offset sesuai.
3. Toleransi ± 0.5°

Tempor (Date) : 8 June 2013

Rev : 01

By : Tony Huang



ENGINE

CATEGORY:

4 STROKE ENGINE

TYPE:

1 CYLINDER

ALGORITMA 1. J&E COMMANDER TERPASANG

- 1. J&E (J&E) dan J&E (J&E), maka yang AKTIF group GENERAL (J&E TUNE UP)
2. J&E (J&E) dan J&E (J&E), maka yang AKTIF group GENERAL (J&E) RACING
3. J&E (J&E) dan J&E (J&E), maka yang AKTIF group J&E (J&E) RACING

ALGORITMA 2. COMMANDER INSTALIR

- 1. J&E (J&E) group J&E (J&E) RACING
2. J&E (J&E) group J&E (J&E) RACING
3. J&E (J&E) dan J&E (J&E), maka yang AKTIF COMPETITION

NOTE:

- 1. Idle reference is 15° BTDC
2. Idle offset reference is tolerance, offset of ignition timing option
3. Tolerance ± 0.5°

PRN:

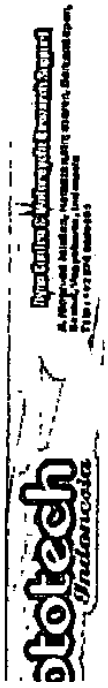
700-100-000

Main table containing ignition timing data for various RPM ranges (800-6000) and engine modes (GENERAL, COMPETITION, RACING). Columns include RPM, MAP, and multiple STEP values.

Tabel Seiring Sudut Pengapian

LAMPIRAN

# Lampiran 1. grafik torsi mesin dan daya mesin dengan CDI standar campuran premium 85% dan etanol 15%



SI ORDNING V2.3  
 DYNAMOMETER Motopack RD  
 ROLLER INDIATOR 1.411

Di placement Connection  
 Correction Factor ISO 158:  
 ROTARY Load Cell Inbuilt

Debit/Min  
 2052014111743 A11

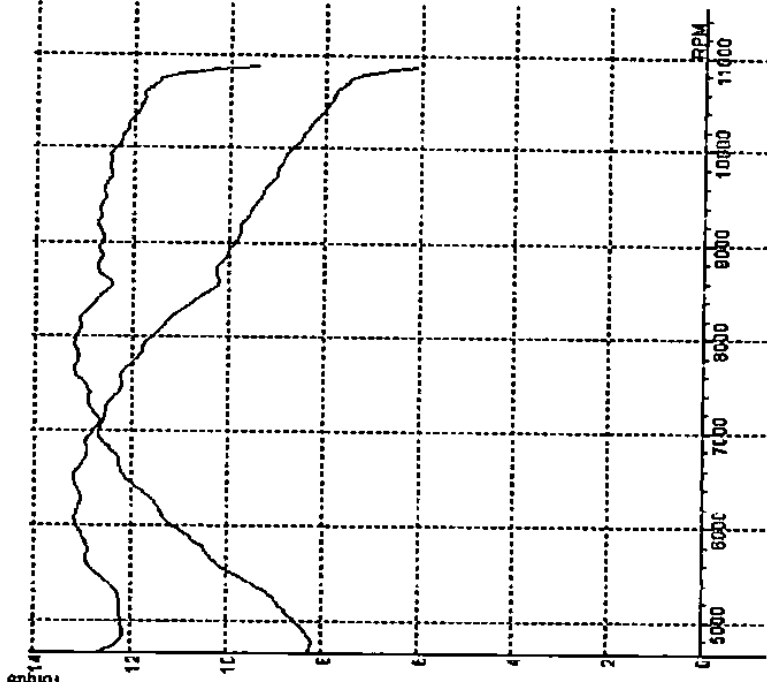
MAX POWER  
 13.1 (13.1) / 7941  
 Temp. C  
 28.1 C  
 Humidity %  
 83%  
 Pressure  
 1000.0 mmHg  
 KMH  
 99.4

DATA FOR TEST HDGAP RD 160 TUC39

Commande  
 CDI STANDAR/E 15%

RPM	FP	CP	CM	MP	MP/KG	Y
4000	8.2	12.49				0.53
4250	8.2	12.45				0.54
4500	8.2	12.45				0.56
4750	8.2	12.19				0.58
5000	8.6	12.20				0.70
5250	9.1	12.27				0.84
5500	9.8	12.73				0.96
5750	10.4	12.91				1.10
6000	11.1	13.15				1.22
6250	11.5	13.05				1.36
6494	12.0	13.20				1.48
6500	12.1	13.19				1.50
6750	12.3	12.92				1.62
7000	12.6	12.78				1.76
7250	12.8	12.53				1.90
7500	12.9	12.21				2.04
7750	13.0	11.88				2.20
7941	13.1	11.71				2.30
8000	13.1	11.58				2.34
8250	12.9	11.08				2.50
8500	12.4	10.51				2.68
8750	12.6	10.23				2.84
9000	12.5	9.87				3.02
9250	12.6	9.62				3.20
9500	12.5	9.30				3.40
9750	12.4	9.00				3.58
10000	12.3	8.67				3.78
10250	12.0	8.28				4.00
10500	11.7	7.86				4.22
10750	11.3	7.42				4.46

L (11858): 0.0 EF  
 TOTAL ENGINE: 13.1 EF



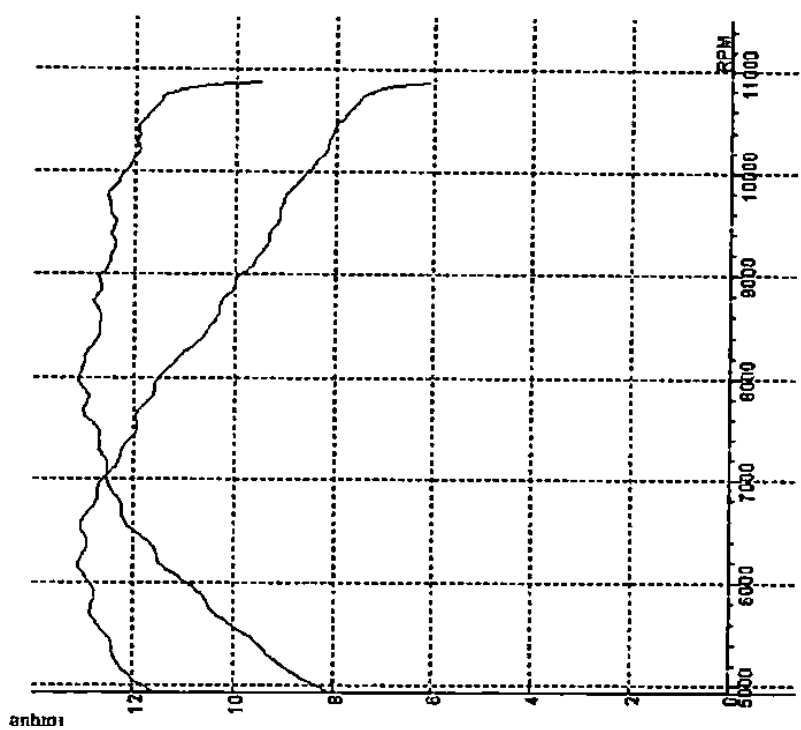


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 Telp. (031) 761777

SFORIDINO V3.3  
 DINAMOMETER Motorik h.RPD  
 ROLLER INERTIA 1.446

Deployment Correction  
 Correction Factor: ISO 1385  
 NOTE: Load Cell Inhibited

60 TQ3: 130 (13.0) / 7966  
 MAX TORQUE: 1311 (13.11) / 76177  
 Engine Oil: Heavy duty 5W  
 28.1°C | 1000.0 rpm | 83%  
 Date/Time: 2/23/2016 11:37:27 AM



DATA FOR INERTIA MEGAFIC 160 TQ38

Comments  
 TO STANDARD / E 15%

RPM	FP (HP)	TQ (N·M)	T
4250	8.3	11.73	0.52
4500	8.3	11.85	0.54
4750	8.5	11.97	0.56
5000	8.6	12.07	0.58
5250	9.1	12.39	0.68
5500	9.4	12.64	0.82
5750	10.4	12.86	0.94
6000	10.9	12.93	1.08
6177	11.4	13.11	1.16
6250	11.4	13.03	1.20
6500	11.9	13.04	1.34
6750	12.2	13.77	1.48
7000	12.4	13.58	1.62
7250	12.5	13.26	1.76
7500	12.6	11.94	1.90
7750	12.8	11.76	2.04
7966	13.0	11.56	2.18
8000	13.0	11.51	2.20
8250	12.8	11.02	2.36
8500	12.6	10.46	2.54
8750	12.6	10.19	2.72
9000	12.6	9.88	2.88
9250	12.5	9.41	3.06
9500	12.3	9.13	3.26
9750	12.4	9.00	3.46
10000	12.0	8.51	3.66
10250	11.8	8.16	3.86
10500	11.7	7.85	4.10
10750	11.3	7.57	4.34

LCR888: 0.08 HP  
 TOTAL ENGINE: 13.08 HP  
 0.08 HP  
 13.11 HP

Lampiran 2. grafik torsi mesin dan daya mesin dengan CDI standar campuran premium 85% dan etanol 15%

### Lampiran 3. grafik torsi mesin dan daya mesin dengan CDI standar campuran premium 85% dan etanol 15%

SI ORIDITRO V3.3  
 DYNAMOMETER Motovis RFD  
 ROLLER NEHITAI 1.46

Di placement Correction  
 Correction Factor ISO 1385  
 NOTE: Load Cell Included.

Date/Time: 2/25/2014 11:17:04 AM

DATA FOR TEST: MEGAFIRO 160 TUB7

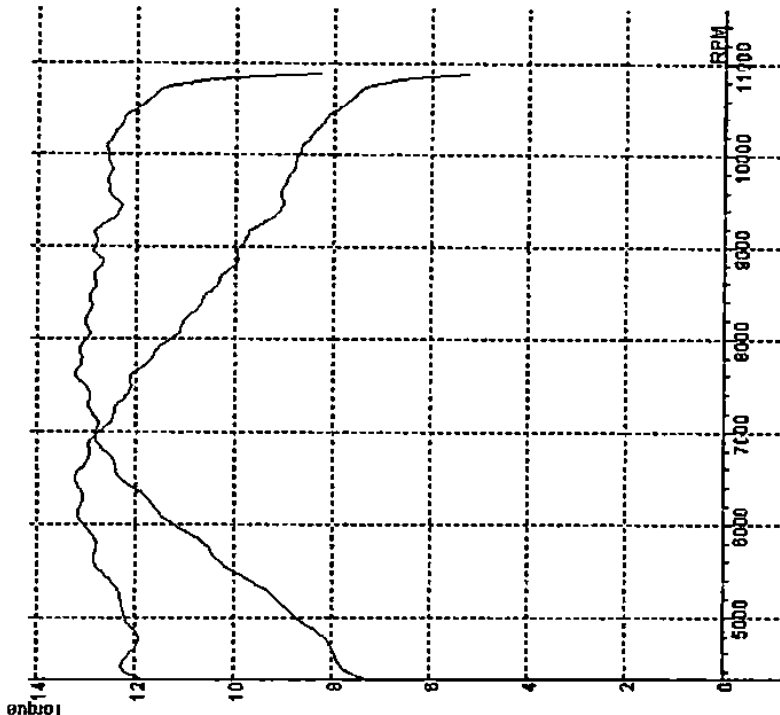
Cement: CDI STANDAR/E 15%

RPM	HP (GROSS)	HP (NET)	T
4000	7.4	7.4	12.11
4250	7.5	7.5	12.22
4500	7.7	7.7	12.27
4750	7.9	7.9	11.96
5000	8.6	8.6	12.23
5250	9.1	9.1	12.34
5500	9.9	9.9	12.77
5750	10.3	10.3	12.81
6000	11.1	11.1	13.12
6250	11.5	11.5	13.10
6478	12.0	12.0	13.25
6500	12.1	12.1	13.24
6750	12.9	12.9	13.25
7000	12.5	12.5	12.68
7250	12.7	12.7	12.41
7500	12.8	12.8	12.12
7631	13.6	13.6	12.09
7750	12.8	12.8	11.76
8000	12.7	12.7	11.27
8250	12.7	12.7	10.93
8500	12.6	12.6	10.49
8750	12.5	12.5	10.12
9000	12.6	12.6	9.89
9250	12.4	12.4	9.67
9500	12.2	12.2	9.07
9750	12.3	12.3	8.91
10000	12.3	12.3	8.73
10250	12.3	12.3	8.39
10500	11.7	11.7	7.89
10750	11.0	11.0	7.21
	0.0 HP	0.0 HP	0.0000 M
	13.0 HP	13.0 HP	13.2500 M

**Stoftech**  
 Indonesia

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 Telp: (021) 718 8888

MAX TORQUE: 13.25 (13.25) / 6478  
 Temp: 28.1 °C Humidity: 83%  
 Pressure: 1000.0 mbar



0.0 HP  
 13.2500 M