

LAMPIRAN

Tabel Torsi						
No	RPM	Pertalite 100 %	Pertalite 95%vol. -PO 5 %vol.	Pertalite 90 %vol. - PO 10% vol.	Pertalite 80 %vol. -PO 20%vol.	Pertalite 70 %vol. -PO 30%vol.
1	1000	12.55	22.03	6.48	7.02	17.38
2	1250	20.36	25.77	13.19	13.78	21.85
3	1500	24.34	27.14	16.86	17.4	24.66
4	1750	25.23	27.64	19.48	21.13	26.22
5	1829	25.3				
	1861		27.65			
	1927					26.81
	1942			20.24		
6	2000	24.48	27.12	20.04	22.67	26.63
	2025				22.67	
7	2250	21.15	23.52	19.32	21.45	24.04
8	2500	19.19	21.39	18.85	20.14	21.27
9	2750	18.19	19.97	18.11	19.26	19.8
10	3000	17.43	18.82	17.37	18.09	18.83
11	3250	16.7	17.67	16.59	17.18	17.96
	3315					17.77
12	3500	15.41	16.42	15.55	15.97	16.53
	3611		15.94			
13	3750	14.18	15.12	14.26	14.94	15.18
14	4000	13.31	13.7	13.68	13.86	13.7
15	4250	12.6	13.07	12.86	12.89	12.85
16	4500	12.08	12.31	12.48	12.38	12.28
17	4667	11.88				
	4690			11.99		
	4694				12.03	
18	4750	11.5	11.76	11.75	11.88	11.45
19	5000	10.6	10.92	10.77	10.82	10.66
20	5250	9.6	9.99	9.94	10.06	9.81
21	5500	9.33	9.18	9.32	9.41	9.15
22	5750	8.55	8.54	8.69	8.9	8.69
23	6000	7.97	8.06	8.1	8.34	8.24
24	6250	7.64	7.78	7.8	7.95	7.82
25	6500	7.2	7.31	7.35	7.44	7.27
26	6750	6.82	7.02	7.04	7.14	7.03

27	7000	6.43	6.64	6.56	6.81	6.6
28	7250	6.24	6.27	6.35	6.55	6.42
29	7500	5.96	6.04	6.12	6.14	6.09
30	7750	5.77	5.76	5.78	5.86	5.89
31	8000	5.42	5.39	5.45	5.44	5.42
32	8250	4.84	4.99	4.88	5.12	5.16
33	8500	4.33	4.46	4.45	4.58	4.68

Tabel Nilai Daya

RPM	Pertalite 100 %	5%							
				10%		20%		30%	
1000	12.55	1000	22.03	1000	6.48	1000	7.02	1000	17.38
1250	20.36	1250	25.77	1250	13.19	1250	13.78	1250	21.85
1500	24.34	1500	27.14	1500	16.86	1500	17.4	1500	24.66
1750	25.23	1750	27.64	1750	19.48	1750	21.13	1750	26.22
1829	25.3	1861	27.65	1942	20.24	2000	22.67	1927	26.81
2000	24.48	2000	27.12	2000	20.04	2025	22.67	2000	26.63
2250	21.15	2250	23.52	2250	19.32	2250	21.45	2250	24.04
2500	19.19	2500	21.39	2500	18.85	2500	20.14	2500	21.27
2750	18.19	2750	19.97	2750	18.11	2750	19.26	2750	19.8
3000	17.43	3000	18.82	3000	17.37	3000	18.09	3000	18.83
3250	16.7	3250	17.67	3250	16.59	3250	17.18	3250	17.96
3500	15.41	3500	16.42	3500	15.55	3500	15.97	3315	17.77
3750	14.18	3611	15.94	3750	14.26	3750	14.94	3500	16.53
4000	13.31	3750	15.12	4000	13.68	4000	13.86	3750	15.18
4250	12.6	4000	13.7	4250	12.86	4250	12.89	4000	13.7
4500	12.08	4250	13.07	4500	12.48	4500	12.38	4250	12.85
4667	11.88	4500	12.31	4690	11.99	4694	12.03	4500	12.28
4750	11.5	4750	11.76	4750	11.75	4750	11.88	4750	11.45
5000	10.6	5000	10.92	5000	10.77	5000	10.82	5000	10.66
5250	9.6	5250	9.99	5250	9.94	5250	10.06	5250	9.81
5500	9.33	5500	9.18	5500	9.32	5500	9.41	5500	9.15
5750	8.55	5750	8.54	5750	8.69	5750	8.9	5750	8.69
6000	7.97	6000	8.06	6000	8.1	6000	8.34	6000	8.24
6250	7.64	6250	7.78	6250	7.8	6250	7.95	6250	7.82

6500	7.2	6500	7.31	6500	7.35	6500	7.44	6500	7.27
6750	6.82	6750	7.02	6750	7.04	6750	7.14	6750	7.03
7000	6.43	7000	6.64	7000	6.56	7000	6.81	7000	6.6
7250	6.24	7250	6.27	7250	6.35	7250	6.55	7250	6.42
7500	5.96	7500	6.04	7500	6.12	7500	6.14	7500	6.09
7750	5.77	7750	5.76	7750	5.78	7750	5.86	7750	5.89
8000	5.42	8000	5.39	8000	5.45	8000	5.44	8000	5.42
8250	4.84	8250	4.99	8250	4.88	8250	5.12	8250	5.16
8500	4.33	8500	4.46	8500	4.45	8500	4.58	8500	4.68

Konsumsi Bahan Bakar

No	Jenis Bahan Bakar	Jarak (km)	Kecepatan (km/h)	Waktu (menit)	Volume Bahan Bakar Terpakai (Liter)	Konsumsi (km/liter)
1	Pertalite 100 %	5	40	7,5	0,13	38,48
2	Pertalite 95% vol.-PO 5% vol.	5	40	7,5	0,12	41,66
3	Pertalite 90% vol.-PO 10% vol.	5	40	7,5	0,14	35,71
4	Pertalite 80% vol.-PO 20% vol.	5	40	7,5	0,16	31,25
5	Pertalite 70% vol.-PO 30% vol.	5	40	7,5	0,165	30,30



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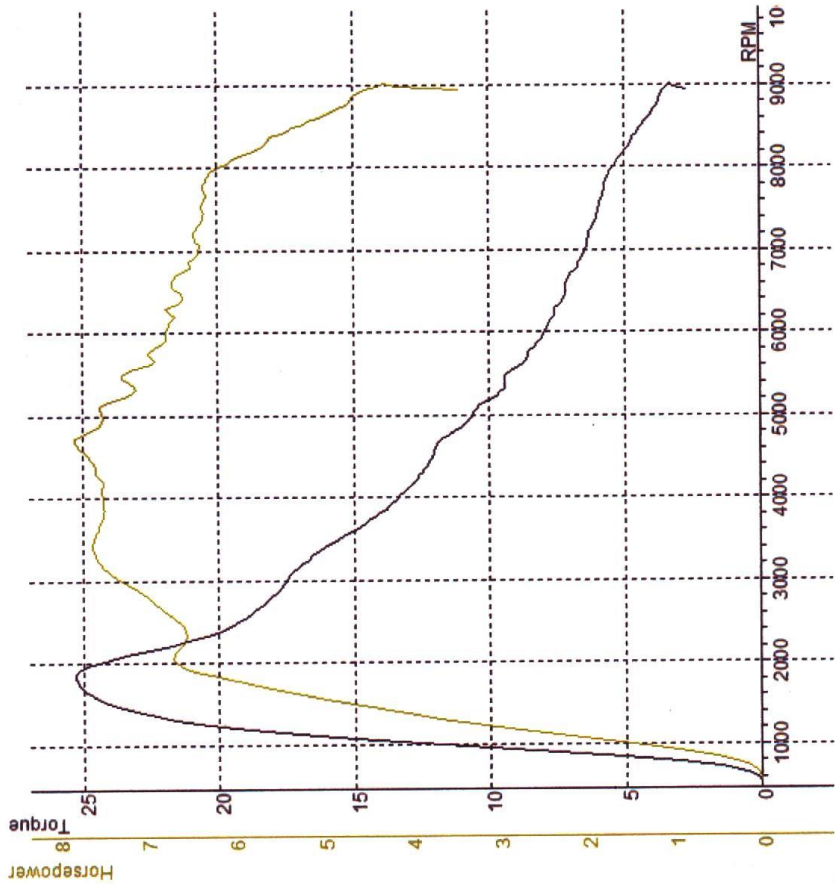
SPORTDYN0 V3.3
 DYNAMOMETER: MOTOTECH_RPD
 ROLLER INERTIA: 1,446

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

TEST NAME | MAX POWER. | MAX TORQUE | Temp. °C | Humidity % | Pressure | KMH | Date/Time
 HONDA BEAT T004 | 7.8 (7.8) / 4667 | 25.30 (25.30) / 1829 | 27.4 °C | 87 % | 1000.0 mbar | 92.5 | 29/11/2017 10:41:48

DATA FOR TEST: HONDA BEAT T004

Comments	FO.0%	RPM	HP (HP)	HPQ (N*M*M)	T
		250	0.0	0.00	0.70
		500	0.0	0.12	0.72
		750	0.3	3.03	0.78
		1000	1.6	12.55	0.86
		1250	3.3	20.36	0.94
		1500	4.9	24.34	1.04
		1750	6.0	25.23	1.12
		1829	6.2	25.30	1.14
		2000	6.7	24.48	1.22
		2250	6.5	21.15	1.34
		2500	6.6	19.19	1.46
		2750	6.9	18.19	1.58
		3000	7.3	17.43	1.72
		3250	7.5	16.70	1.84
		3500	7.6	15.41	2.00
		3750	7.5	14.18	2.16
		4000	7.5	13.31	2.32
		4250	7.5	12.60	2.50
		4500	7.6	12.08	2.68
		4667	7.8	11.88	2.80
		4750	7.7	11.50	2.88
		5000	7.5	10.60	3.08
		5250	7.1	9.60	3.32
		5500	7.2	9.33	3.54
		5750	6.9	8.55	3.80
		6000	6.7	7.97	4.06
		6250	6.7	7.64	4.36
		6500	6.6	7.20	4.66
		6750	6.5	6.82	4.98
		7000	6.4	6.43	5.32
		7250	6.4	6.24	5.66
		7500	6.3	5.96	6.02
		7750	6.3	5.77	6.40
		8000	6.1	5.42	6.82
		8250	5.7	4.84	7.28
		8500	5.2	4.33	7.78
		...	(more)		



LOSSES: 0.0N*M*M
 TOTAL ENGINE: 7.8HP
 0.0N*M*M
 25.30N*M*M

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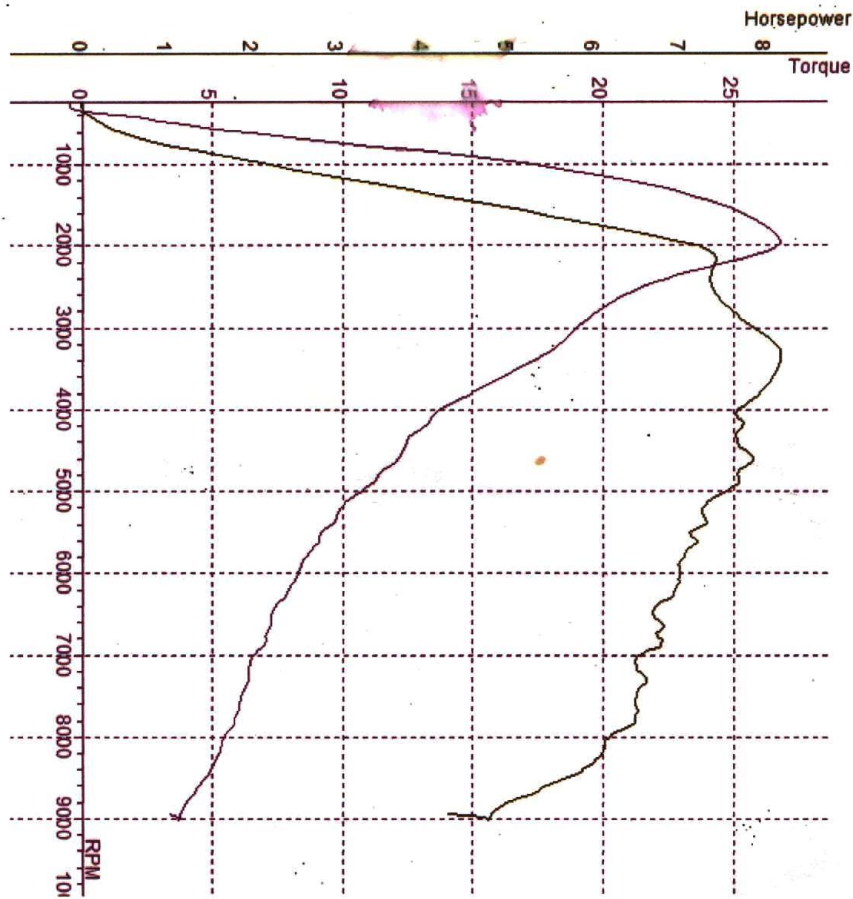
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SPORTIVO V33
 DYNAMOMETER: MOTOTECH RPD
 ROLLER INERTIA: 1,446

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

TEST NAME: HONDA BEAT T013
 MAX POWER: 8.2 (8.2) / 3315
 MAX TORQUE: 26.81 (27.13) / 1927
 Temp. °C: 28.3 °C
 Humidity %: 85 %
 Pressure: 1000.0 mbar
 KMH: 92.2
 Date/Time: 29/11/2017 11:04:52

DATA FOR TEST: HONDA BEAT T013



Comments
 PO 30%

RPM	HP (HP)	HP (N*M*M)	T
500	0.2	3.97	0.74
750	1.1	11.20	0.84
1000	2.2	17.38	0.92
1250	3.5	21.85	1.00
1500	4.8	24.66	1.08
1750	6.1	26.22	1.16
1927	6.9	26.81	1.22
2000	7.3	26.63	1.26
2250	7.4	24.04	1.36
2500	7.4	21.27	1.48
2750	7.6	19.80	1.60
3000	7.9	18.83	1.72
3250	8.2	17.96	1.84
3315	8.2	17.77	1.86
3500	8.1	16.53	1.98
3750	8.0	15.18	2.12
4000	7.7	13.70	2.28
4250	7.7	12.85	2.46
4500	7.8	12.28	2.64
4750	7.7	11.45	2.84
5000	7.5	10.66	3.04
5250	7.3	9.81	3.26
5500	7.1	9.15	3.50
5750	7.0	8.69	3.74
6000	7.0	8.24	4.02
6250	6.9	7.82	4.30
6500	6.7	7.27	4.60
6750	6.7	7.03	4.90
7000	6.5	6.60	5.22
7250	6.6	6.42	5.56
7500	6.5	6.09	5.92
7750	6.5	5.89	6.28
8000	6.1	5.42	6.70
8250	6.0	5.16	7.12
8500	5.6	4.68	7.60
8750	5.1	4.13	8.12

LOSSES: 0.0 HP
 TOTAL ENGINE: 8.2 HP
 -0.3N*M*M
 27.13N*M*M

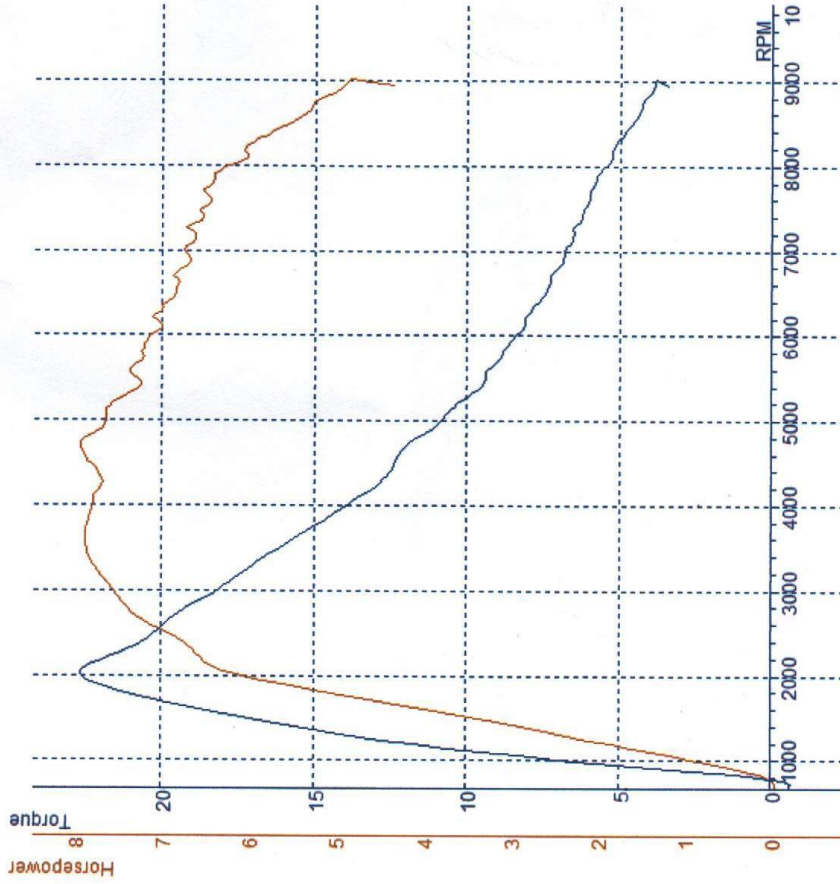


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SPORTIVO V3.3
 DYNAMOMETER: MOTOTECH_RPD
 ROLLER INERTIA: 1,446

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

TEST NAME: HONDA BEAT T012
 MAX POWER: 7.9 (7.9) / 4694
 MAX TORQUE: 22.67 (22.85) / 2025
 Temp. °C: 28.1 °C
 Humidity %: 86 %
 Pressure: 1000.0 mbar
 KMH: 91.9
 Date/Time: 29/11/2017 11:01:41

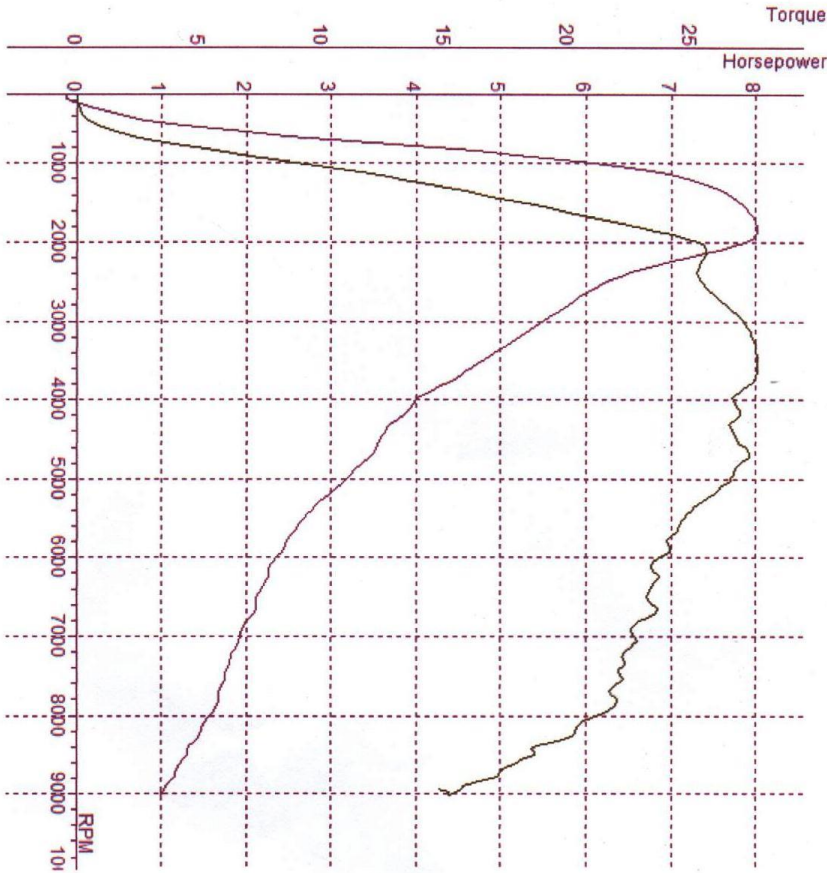


DATA FOR TEST: HONDA BEAT T012

Comments	RPM	HP (HP) (N*M*M)	T
PO 20%	1000	0.9	7.02
	1250	2.3	13.78
	1500	3.5	17.40
	1750	5.0	21.13
	2000	6.2	22.67
	2025	6.2	22.67
	2250	6.6	21.45
	2500	7.0	20.14
	2750	7.4	19.26
	3000	7.6	18.09
	3250	7.7	17.18
	3500	7.9	15.97
	3750	7.9	14.94
	4000	7.8	13.86
	4250	7.7	12.89
	4500	7.8	12.38
	4694	7.9	12.03
	4750	7.9	11.88
	5000	7.6	10.82
	5250	7.5	10.06
	5500	7.3	9.41
	5750	7.2	8.90
	6000	7.1	8.34
	6250	7.0	7.95
	6500	6.8	7.44
	6750	6.8	7.14
	7000	6.7	6.81
	7250	6.7	6.55
	7500	6.5	6.14
	7750	6.4	5.86
	8000	6.2	5.44
	8250	6.0	5.12
	8500	5.5	4.58
	8750	5.2	4.22
	9000	4.9	3.82
LOSSES:		0.0 HP	-0.2N*M*M
TOTAL ENGINE:		7.9HP	22.85N*M*M

TEST NAME: HONDA BEAT T008
 MAX POWER: 8.0 (8.0) / 3611
 MAX TORQUE: 27.65 (27.81) / 1861
 Temp. °C: 27.8 °C
 Humidity %: 87 %
 Pressure: 1000.0 mbar
 KMH: 92.1
 Date/Time: 29/11/2017 10:51:49

DATA FOR TEST: HONDA BEAT T008



Comments
 PO 5%

RPM	HP (HP@Q)	(N*M*M)	T
500	0.2	4.30	0.88
750	1.3	13.70	0.96
1000	2.8	22.03	1.04
1250	4.3	23.77	1.12
1500	5.5	27.14	1.20
1750	6.6	27.64	1.28
1861	8.0	27.65	1.30
2000	7.3	27.12	1.36
2250	7.3	23.52	1.48
2500	7.4	21.39	1.58
2750	7.6	19.97	1.70
3000	7.9	18.82	1.82
3250	8.0	17.67	1.94
3500	8.0	16.42	2.08
3611	8.0	15.94	2.14
3750	8.0	15.12	2.24
4000	7.7	13.77	2.40
4250	7.8	13.02	2.56
4500	7.8	12.31	2.74
4750	7.9	11.76	2.94
5000	7.7	10.92	3.14
5250	7.4	9.99	3.36
5500	7.1	9.18	3.60
5750	6.9	8.54	3.86
6000	6.8	8.06	4.12
6250	6.9	7.78	4.38
6500	6.7	7.31	4.68
6750	6.7	7.02	5.00
7000	6.6	6.64	5.34
7250	6.4	6.27	5.66
7500	6.4	6.04	6.04
7750	6.3	5.76	6.40
8000	6.1	5.39	6.82
8250	5.8	4.99	7.28
8500	5.4	4.46	7.80
8750	5.0	4.00	8.38

LOSSES: 0.0 HP
 TOTAL ENGINE: 8.0 HP
 -0.2N*M*M
 27.81N*M*M

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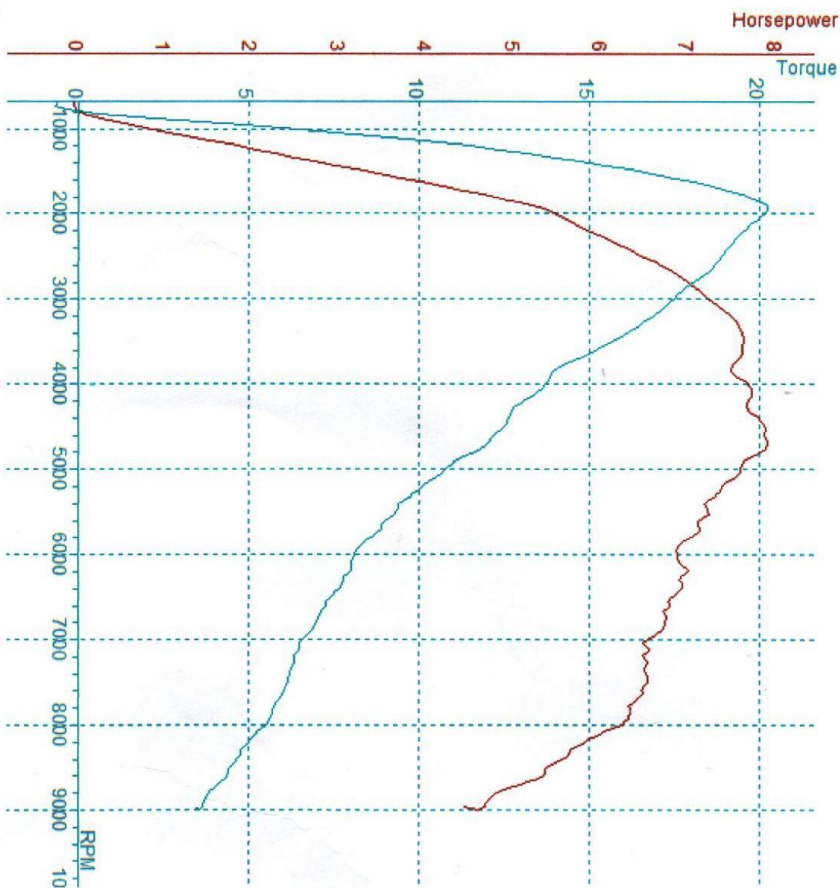
SPORTDYNO V3.3
 DYNAMOMETER: MOTOTECH_RPD
 ROLLER INERTIA: 1.446

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

TEST NAME: HONDA BEAT T010
 MAX POWER: 7.9 (7.9) / 4690
 MAX TORQUE: 20.24 (20.61) / 1942
 Temp. °C: 28.0 °C
 Humidity %: 87 %
 Pressure: 1000.0 mbar
 KMH: 92.2
 Date/Time: 29/11/2017 10:57:37

DATA FOR TEST: HONDA BEAT T010

Comments
 PO 10%



RPM	HP (HP) (N*M*M)	T
1000	0.9	6.48
1250	2.3	13.19
1500	3.4	16.86
1750	4.6	19.48
1942	5.3	20.24
2000	5.5	20.04
2250	6.1	19.32
2500	6.5	18.85
2750	7.0	18.11
3000	7.3	17.37
3250	7.5	16.59
3500	7.6	15.55
3750	7.5	14.26
4000	7.7	13.68
4250	7.7	12.86
4500	7.9	12.48
4690	7.9	11.99
4750	7.9	11.75
5000	7.6	10.77
5250	7.4	9.94
5500	7.2	9.32
5750	7.1	8.69
6000	6.9	8.10
6250	6.9	7.80
6500	6.8	7.35
6750	6.7	7.04
7000	6.5	6.56
7250	6.5	6.35
7500	6.5	6.12
7750	6.3	5.78
8000	6.2	5.45
8250	5.7	4.88
8500	5.4	4.45
8750	4.9	3.93
9000	4.6	3.60

LOSSES: 0.0 HP
 TOTAL ENGINE: 7.9 HP
 -0.4N*M*M
 20.61N*M*M