

Bonneville Pro - Version 3.2
Racing Systems Analysis - www.QUARTERjr.com

File: sports.dat

Note: test case for Bonneville Pro 3.2

General Data		Engine Dyno Data			Transmission Data		
Elevation - feet	850	RPM	HP	Torque	Torque Converter:		
Barometer - in Hg	29.92	3500	267	401	Stall RPM	5500	
Temperature - deg F	72	4500	351	410	Converter Slippage	1.060	
Relative Humidity - %	35	5500	432	413	Lock-up option?	No	
Wind Velocity - MPH	0.0	6500	491	397	Torque Multiplication	1.70	
Wind Angle - degs	0	7000	505	379			
-----		7500	468	328			
Track: One Mile Asphalt		8000	421	276			
Traction Index	5	7800	3630	2444	Gear	Ratio	Eff
		10500	73	37	2nd -	1.76	0.970
Vehicle Data		11000	74	35	3rd -	1.00	0.990
Weight - lbs	2300	11500	73	33			7600
Wheelbase - inches	101	Fuel System:					100
		Gasoline Carburetor					
		HP/Torque Multiplier	1.000				
Final Drive Data							
Gear Ratio	4.56	Aerodynamic Data					
Efficiency	0.970	Frontal Area - sq ft	22.1				
Tire Diameter - inches	32.4	Drag Coefficient	0.400				
Tire Width - inches	12.00	Lift Coefficient	0.250				
1.067							
Time	Distance	MPH	Acceleration	Gear	RPM		
0.00	0.00	0.0	1.43	1	5,500		
1.00	0.00	31.5	1.12	1	5,500		
2.00	0.02	51.9	0.83	1	5,760		
2.46	0.02	60.0	0.76	1	5,890		
3.00	0.03	67.5	0.52	1	6,230		
4.00	0.05	78.3	0.44	1	7,220		
4.45	0.06	82.3	0.39	1	7,590		
4.70	0.07	85.1	0.49	2	5,700		
5.00	0.08	88.1	0.46	2	5,730		
6.00	0.10	97.8	0.42	2	5,820		
6.25	0.11	100.0	0.41	2	5,840		
6.79	0.13	104.8	0.38	2	5,880		
7.00	0.13	106.5	0.38	2	5,900		
8.00	0.16	114.3	0.31	2	5,980		
9.00	0.19	120.7	0.28	2	6,310		
10.00	0.23	126.7	0.26	2	6,620		
10.60	0.25	130.0	0.25	2	6,800		
11.00	0.26	132.2	0.25	2	6,910		
12.00	0.30	137.1	0.21	2	7,160		
13.00	0.34	141.3	0.17	2	7,380		
13.86	0.37	144.3	0.15	2	7,540		
14.00	0.38	144.8	0.15	2	7,560		
15.00	0.42	147.7	0.12	2	7,710		
16.00	0.46	153.1	0.80	2	7,990		
16.82	0.50	174.5	0.92	2	9,100		
17.00	0.51	177.7	0.76	2	9,260		
18.00	0.56	187.8	0.27	2	9,780		
19.00	0.61	191.5	0.11	2	9,970		
19.23	0.63	192.0	0.08	2	10,000		
20.00	0.67	193.0	0.04	2	10,050		
21.00	0.72	193.6	0.02	2	10,080		
21.56	0.75	193.7	0.01	2	10,090		
22.00	0.77	193.8	0.01	2	10,090		
23.00	0.83	193.9	0.00	2	10,100		
23.88	0.87	194.0	0.00	2	10,100		
24.00	0.88	194.0	0.00	2	10,100		
25.00	0.94	194.1	0.00	2	10,100		
26.00	0.99	194.2	0.00	2	10,110		
26.20	1.00	194.2	0.00	2	10,110		