

# Mustang Dynamometer

## Power Curve Test Results

Date/Time Printed: 2022/07/19 12:04:35 PM

### Tested By

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1000 Piner RD Unit I

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### Tested For

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Last Tested 7/19/2022 12:01:41 PM

Comments

### VIN

License MBRZ001

Year/Make/Model

2015 SUBARU BRZ MT

Comments

Miles 0.0

Weight 3125.0

HP @ 50 MPH 11.70

Cylinders/Displacement 4 / 2.000

Cycles 4

RPM Pickup 2

## Power Curve Test Results

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### Wheel Values

Maximum Power 181.0 @ 7025 RPM / 75.5MPH

with WCF 182.7

Maximum Torque 148.8 @ 5872 RPM / 63.1MPH

with WCF 150.1

Spinning Wheels Mass 62.500 Lbs

Non-Spinning Wheels Mass 0.000 Lbs

Crankshaft Inertia 0.285 Slug-FtSq

Drivetrain Efficiency 85.000 %

Comments

JR SUPERCHARGED AFTER Mods: Jackson Racing Smog Legal C30 supercharger kit with oil cooler, front mount intercooler, external sump, Greddy SP cat back exhaust and ECUTek JR CARB map. Tested in 3rd gear with Cali 91 Octane fuel.

### Crank Values

Maximum Power 221.2 @ 7016 RPM / 75.4MPH

with WCF 223.2

Maximum Torque 181.7 @ 5862 RPM / 63.0MPH

with WCF 183.4

Temperature 72.012 (77.000) Deg F

Pressure 29.280 (29.235) InHg

Humidity 38.979 (---) %

Correction Factor 1.005 (SAEJ1349)