

ANIMAL MOTOR WORKS K500

CERTIFIED VALUES

Total Impulse: 1811.61 newton-seconds
Delays: P

Propellant Type: Composite / Skidmark
Propellant Mass: 1123.5 grams

Casing Dimensions: 75 mm × 368 mm

Certification Date: 07-May-21

Certification Type: High Power Rocket

STATIC TEST DATA

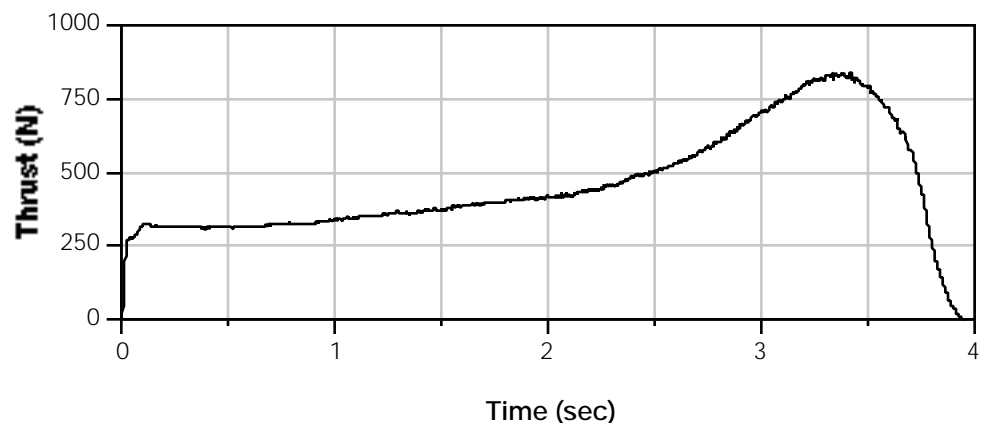
Date Tested: 07-May-20

Total Impulse: 1811.61 newton-seconds (5.62)
Peak Thrust: 841.25 newtons (24.11)
Burn Time: 3.95 seconds (0.01)
Average Thrust: 459.05 newtons

Mass After Firing: 1589.5 grams

Delay Time	Average Measured Delay	Initial Mass
P	NONE	2713.0 g

TYPICAL THRUST-TIME CURVE



REMARKS

Consists of the Animal Motor Works 75- 2500 motor and Animal Motor Works K500SK-P reload kit. No substitutions allowed.