

ANIMAL MOTOR WORKS N2600

CERTIFIED VALUES

Total Impulse: 10,590.80 newton-seconds
Delays: p

Propellant Type: Composite / Green Gorilla
Propellant Mass: 5591.4 grams

Casing Dimensions: 98 mm × 870 mm

Certification Date: 06-May-1

Certification Type: High Power Rocket

STATIC TEST DATA

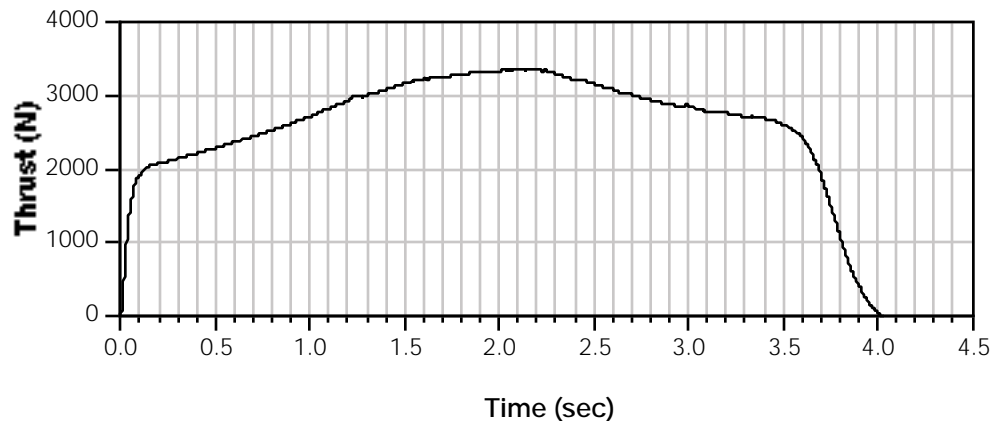
Date Tested: 06-April-14

Total Impulse: 10,590.80 newton-seconds (16.02)
Peak Thrust: 3349.77 newtons (76.13)
Burn Time: 4.03 seconds (0.02)
Average Thrust: 2625.48 newtons

Mass After Firing: 4881.2 grams

| Delay Time | Average Measured Delay | Initial Mass |
|------------|------------------------|--------------|
| p | NONE | 10,472.6 g |

TYPICAL THRUST-TIME CURVE



REMARKS

Consists of the Animal Motor Works 98- 11000 motor and Animal Motor Works N2600GG-P reload kit. No substitutions allowed.


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; ANIMAL MOTOR WORKS N2600GG RASP.ENG FILE
; The total impulse, peak thrust, average thrust and burn time are
; the same as the averaged static test data on the NAR web site in
; the certification file. The curve drawn with these data points is as
; close to the certification curve as can be with such a limited
; number of points (32) allowed with wRASP up to v1.6.

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      N2600  98  870  P   5.591   10.473   AMW
0.042 1151.328
0.069 1666.923
0.096 1891.181
0.150 2011.320
0.243 2097.419
0.443 2235.579
0.790 2529.918
1.150 2891.335
1.503 3150.634
1.756 3271.774
1.969 3307.816
2.149 3349.770
2.329 3256.757
2.648 3069.541
2.960 2864.304
3.207 2779.206
3.406 2728.147
3.519 2626.029
3.619 2436.811
3.691 2042.356
3.757 1526.761
3.829  908.347
3.902  427.393
3.974  135.456
4.030    0.000
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