

Motor Data**Single-Use/Reload/Hybrid**

Reloadable

Loaded Weight

143.2 g

Propellant Weight

50.0 g

Burnout Weight

86.8 g

Delays Tested

5, 7, 9, 11, 14 s, adjustable

Motor Dimensions mm

29.00 x 142.00 mm (1.14 x 5.59 in)

Total Impulse

92.9 Ns (20.9 lb-s)

Maximum Thrust

112.2 N (25.2 lb)

Avg Thrust

80.5 N (18.1 lb)

ISP

189.40 s

Burntime

1.15 s

Notes

HPR motor because average thrust >80.

Representative Thrust Curve