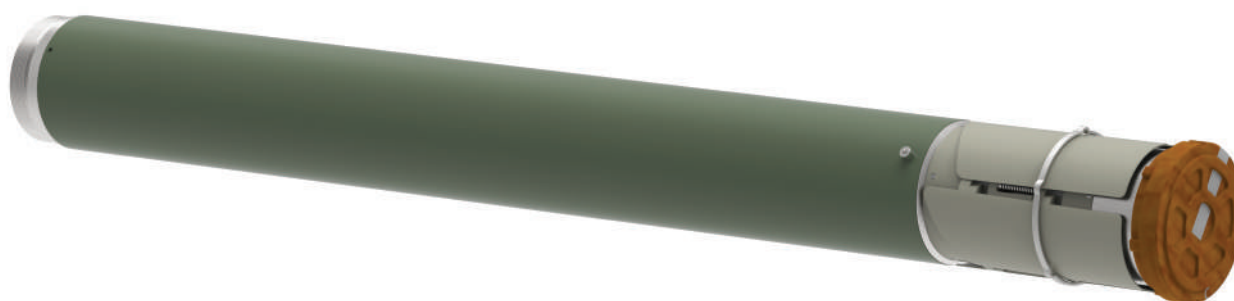


G-2000P ROCKET MOTOR

MODERN ROCKET MOTOR
ENGINEERED FOR EXCELLENCE

COMPATIBLE WITH STANDARD, SL, AND SL+
HEADS, WITH RANGES VARYING **DEPENDING**
ON THE HEAD USED



EDePro 
Engine Development & Production

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122MM G-2000P GRAD ROCKET MOTOR

MEET THE G-2000P ROCKET MOTOR



122MM G-2000P GRAD ROCKET MOTOR

G-2000P rocket motor is completely new modern design with single propellant grain, which is inhibited along the outer surface and front end. It contains two types of propellant, which differ in burning rate. This has resulted in a high-level loading factor, almost neutral burning and minimization of the sliver.



THERMOPLASTIC COMPOSITE PROPELLANT



PROPELLANT WEIGHT 12.95KG

Solid rocket propellant used for grain production is modern thermoplastic composite propellant with excellent energetic, mechanical and aging characteristics. The steel nozzle with abounded ablative materials has one graphite throat.

When equipped with the original warhead, the G-2000P rocket motor reaches a maximum range of 19 km; with the SL warhead the range extends to 20 km, while with the SL+ warhead it is 18.9 km.

TECHNICAL SPECIFICATION

NSN 1340-73-000-0680

CALIBER 122MM

WEAPON COMPATIBILITY BM-21 GRAD MLRS, RM-70, AND SIMILAR

THREAD M115X2

ROCKET MOTOR LENGTH 1,239MM

ROCKET MOTOR WEIGHT 27.3 KG

PROPELLANT TYPE THERMOPLASTIC COMPOSITE

PROPELLANT WEIGHT 12.95 KG

IGNITER TYPE ELECTRICAL PYROGENIC

IGNITION CIRCUIT ELECTRIC RESISTANCE 0.7 Ω - 3.0 Ω

TOTAL MOTOR IMPULSE 30,550 Ns +/-300

MOTOR OPERATING TIME 2.45 +/-0.3

OPERATING AND STORAGE TEMPERATURE RANGE -30 C - +60 C

SHELF LIFE 10 YEARS UNDER PROPER STORAGE CONDITIONS

