G-2000P+
122MM ARTILLERY ROCKET

AN UPGRADED VERSION OF THE G-2000P ROCKET, FEATURING A 19 KM RANGE AND A HIGHLY POWERFUL WARHEAD CONTAINING A HIGH DENSITY OF DUAL-TYPE PREFORMED FRAGMENTS. FULLY COMPATIBLE WITH BM-21 AND RM-70 LAUNCHERS, AND ALSO SUITABLE FOR LIGHTWEIGHT, VEHICLE-MOUNTELAUNCH SYSTEMS

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MEET THE G-2000P+ ROCKET

Rocket G-2000P+ has a range of 18.9km and great accuracy.
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.

⌀ CALIBER 122MM   RANGE 18.9KM   LENGTH 2,048MM   CEP<1%

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.
Rocket G-2000P+ has new warhead of 23.7 kg mass (designation SL) which is HE-fragmentation with improved efficiency – higher lethal radius and better fragmentation as well as aerodynamic design. Warhead fuse is MRV-U.

TECHNICAL SPECIFICATION

GRAD ORIGINAL

CALIBER 122MM
LENGTH 2,875MM
TOTAL MASS 66KG
WARHEAD MASS WITH MRV-U FUZE 19.1KG
WARHEAD TYPE HE FRAGMENTATION
NUMBER OF W.H. FRAGMENTS 3.920
WARHEAD LETHAL RADIUS 25
PROPELLANT TYPE DOUBLE BASE
PROPELLANT MASS 20.45KG
TEMPERATURE RANGE –30 – +50
RANGE (XE) 20,000M
CEP AT MAX RANGE <1.27%

G-2000P+

CALIBER 122MM
LENGTH 2,048MM
TOTAL MASS 51KG
WARHEAD MASS WITH MRV-U FUZE 23.7KG
WARHEAD TYPE HE FRAGMENTATION
NUMBER OF W.H. FRAGMENTS 5.930
WARHEAD LETHAL RADIUS 35
PROPELLANT TYPE COMPOSITE
PROPELLANT MASS 13KG
TEMPERATURE RANGE –40 – +60
RANGE (XE) 18,900M
CEP AT MAX RANGE <1%

GRAD vs G-2000P+

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