40 mm/1, M08-00 RBGP

Grenade launcher



RBGP 40 mm/1 M08-00 grenade launcher is intended for carrying out the following combat tasks: destruction and neutralization of uncovered and partially covered personnel, disabling of fire arms and weapons and unarmored motor vehicles at distances from 50 m to 375 m with direct fire. This grenade launcher uses ammunition (grenades) cal. 40x46 mm (NATO standard) with fragmenting, incendiary, smoke and practice projectiles.

TECHNICAL DATA:

• Caliber	40 mm
• Number of grroves in the barrel	6
• Step twisting grooves	progresive (from 1rev./1200 mm to 1 rev./1000 mm)
• Barrel length	250 mm
• Capacity	1 grenade
• Length of the bearing cartridge	105 mm
• Rate of fire	single shot
• Trigger mechanism	double action
• Initial grenade velocity	78 ±5 m/s
• Weight when empty	≤ 4 kg
• Length with folded butt stock	< 600 mm
• Length with unfolded butt stock	< 800 mm
• Height	< 250 mm
• Width	< 100 mm
• Ammunition type	40/46 mm (NATO standard)
• Optimal rate of fire	≥ 10 grenades/min.
• Sighting device	mechanical sight
• Maximum range	375 ±30 m
• Sighting division	from 50 m to 375 m