



GUN LAUNCHED GRENADES

	40x46mm HE Grenade Type BGL2	40x53mm HE Grenade Type BGL3	40x53mm AGL HEDP Grenade Type BGJ5
Total Length	98mm	112mm	112mm
Total Weight	228gr	≤340gr	≤340gr
Muzzle Velocity	76m/s	≥240m/s	≥240m/s
Max Chamber Pressure	≤21Mpa	≤83Mpa	N/A
Max. Range	≥400m	≥2200m	≥2200m
Penetration Power (Rate against armor steel plate of 76mm)	N/A	N/A	≥85%
Effective lethal radius	≥8m	≥7m	≥7m
Dispersion	N/A	N/A	Ez x Ex≤0.7x1.7% Ground target at 2200m from muzzle
Effective lethal fragments	≥200pcs	≥300pcs	N/A
Reliable arming distance	≤28m	≤35m	≤35m
Operation environment temperature	-40°C – 55°C	-40°C – 50°C	-40°C – 50°C
Storage Life	15 years	15 years	15 years



GUN LAUNCHED GRENADES

	40x53mm Air Burst HE Grenade Type BGL3A	40x53mm HEI Grenade Type BGH1	40x53mm Incendiary Grenade Type BGR1
Total Length	112mm	112mm	112mm
Total Weight	≈340gr	≈340gr	≈340gr
Muzzle Velocity	≥240m/s	≥240m/s	≥240m/s
Max Chamber Pressure	N/A	N/A	N/A
Max. Range	N/A	≥2200m	≥2200m
Burning temperature	N/A	N/A	≥1200°C (Duration ≥60 sec)
Effective lethal radius	≥8m	≥7m	≥7m
Effective Ignition radius	N/A	≥7m	
Security distance	N/A	>8M	
Dispersion	Ez x Ex≤0.6x1.2m Vertical target at 800m from muzzle	N/A	N/A
Effective lethal fragments	N/A	N/A	N/A
Reliable arming distance	≤35m	≈30m	≈30m
Operation environment temperature	-40°C – 50°C	-40°C – 50°C	-45°C – 55°C
Storage Life	15 years	15 years	15 years