



# AHEAD/KETF 35 MM x 228 AMMUNITION/PMD062

## PROGRAMMABLE FUZE AMMUNITION/KINETIC ENERGY TIME FUZE

- AHEAD ammunition is designed to defeat a wide range of targets by the release of the subprojectiles just ahead of the target.
- AHEAD ammunition contains an electronic timer module which is programmed inductively at the muzzle with compensation for variations in projectile velocity to ensure precise downrange payload release.
- The payload consists of 152 cylindrical tungsten alloy subprojectiles, each weighing 3.3 g, which are released by a small ejection charge (<1 g) just ahead of the target.
- The individual subprojectiles are spin stabilised and form a lethal cone of “fragments”, which significantly increases hit probability, especially at extended ranges.
- The ability to adjust the stand-off distance ensures that AHEAD ammunition is able to defeat a wide range of modern threats including, helicopters and attack aircraft as well as small, fast and stealthy aerial targets, such as missiles and drones.
- AHEAD ammunition is the ideal solution for terrestrial air defence and naval applications, as well as for modern vehicle armament.
- A practice round with a totally inert projectile is available for the purpose of gun testing.

### MAIN FEATURES

|                   |                                 |
|-------------------|---------------------------------|
| Performance       | Defeats a wide range of targets |
| Firing mode       | Single shot and automatic mode  |
| Safety            | Insensitive munition (<1 g HE)  |
| Environment       | No toxic elements               |
| Transport/Storage | UN Classification 1.2E          |
| Gun/System        | BushmasterIII, KDA, KDC, KDG    |

### TECHNICAL DATA

|                                |                        |
|--------------------------------|------------------------|
| Total length of round          | 387 mm                 |
| Mass of round                  | approx. 1,770 g        |
| Mass of projectile             | 750 g                  |
| Mass of payload                | 500 g (tungsten-alloy) |
| Propellant                     | NC type                |
| Muzzle velocity                | 1,050 m/s              |
| Cartridge case                 | Steel                  |
| Temperature range (functional) | -30°C to +50°C         |
| Fuze programming at the muzzle |                        |
| Muzzle safety                  | >60 m                  |
| Time resolution                | 2 ms                   |
| Self destruct                  | 8.2s (approx. 5 km)    |
| Dispersion                     | ≤1.0 mil               |

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