01 / PRODUCT OVERVIEW

# 30 mm x 173, HE

30x173 mm HE

FIG 01 PRODUCT CONFIGURATION

| 1100 +/- 15 m/s | 357 +/- 5 g | approx. 36.9 g | 4300 bar |
|---|---|---|---|
| MUZZLE VELOCITY | PROJECTILE MASS | EXPLOSIVE MASS | MEAN MAX PIEZOPRESSURE (GROUP OF ROUNDS) |

## 01.1 / OVERVIEW

30x173 mm high-explosive round, 357 g projectile with approx. 36.9 g explosive at 1100 m/s, self-destructing fuze, for the MK30-2 and 30 mm TA M12 guns.

| TYPE | CALIBRE | STANDARD |
|---|---|---|
| HE | 30x173 mm | NATO |

**PROCUREMENT AND COMPLIANCE**
Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.


All data provided for information purposes; final specification is defined per contract.

02 / TECHNICAL SPECIFICATION

# TECHNICAL DATA

30 mm x 173, HE / AMMUNITION

## IDENTITY AND CONSTRUCTION

| | |
|---|---|
| **Projectile type** | HE (high explosive) |
| **Projectile mass** | 357 +/- 5 g |
| **Fuze arming distance** | 100 m |
| **Fuze self-destruct time** | 7.5 to 14.5 s |

## BALLISTIC PERFORMANCE

| | |
|---|---|
| **Muzzle velocity** | 1100 +/- 15 m/s |
| **Mean max piezopressure (group of rounds)** | 4300 bar |
| **Max single piezopressure** | 4500 bar |
| **Operating temperature** | -30 to +50 deg C |

## DIMENSIONS, MASS AND SUPPLY

| | |
|---|---|
| **Explosive mass** | approx. 36.9 g |
| **Propellant mass** | approx. 163.5 g |
| **Round length** | 288.1 to 289 mm |
| **Packing** | 30 rounds in an Al-bag, bag in a nailed case, 24 cases per pallet |

## ADDITIONAL TECHNICAL DATA

| | |
|---|---|
| **Weapon compatibility** | 30 mm guns MK30-2 and TA M12 |


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