01 / PRODUCT OVERVIEW

30 mm x 220, HEI-T

30x220 mm HEI-T

FIG 01 PRODUCT CONFIGURATION

997 +/- 10 m/s	435 +/- 8 g	1140 g	3138 bar
MUZZLE VELOCITY	PROJECTILE MASS	ROUND MASS	MEAN MAX PRESSURE (GROUP OF ROUNDS)

01.1 / OVERVIEW

30x220 mm high-explosive incendiary tracer round, 435 g projectile with 35.7 g filling at 997 m/s, for the 30/2 M53/59 gun.

TYPE	CALIBRE	STANDARD
HE	30x220 mm	Eastern

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 220, HEI-T / AMMUNITION

IDENTITY AND CONSTRUCTION

Projectile type	HEI-T (high explosive incendiary, tracer)
Projectile mass	435 +/- 8 g
Fuze arming distance	100 m
Fuze self-destruct time	6 to 17 s

BALLISTIC PERFORMANCE

Muzzle velocity	997 +/- 10 m/s
Mean max pressure (group of rounds)	3138 bar
Operating temperature	-30 to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Round mass	1140 g
Explosive mass	35.7 g
Propellant mass	195 g
Round length	329.4 to 331.4 mm
Packing	40 rounds in a tin box, box in a nailed case with tow handle, 16 cases per pallet

ADDITIONAL TECHNICAL DATA

Tracer burning time	min. 4 s
Weapon compatibility	Antiaircraft gun 30/2 M53/59

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