



01 / PRODUCT OVERVIEW

Mk12P1

120 mm Mk12P1 HE mortar bomb



FIG 01 PRODUCT CONFIGURATION

7400 m (0+8) (120 mm mortar M75, barrel length 1500 mm)

MAXIMUM RANGE

255 m (0)

MINIMUM RANGE

50 m

MUZZLE SAFETY AT LOWEST INITIAL VELOCITY

14800 g

MASS WITH FUZE

01.1 / OVERVIEW

120 mm high-explosive mortar bomb with 2900 g hexolite fill, fired with eight increment charges to 7400 m.

TYPE
HE

CALIBRE
120 mm

STANDARD
Both

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.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

Mk12P1 / AMMUNITION

IDENTITY AND CONSTRUCTION

Length with fuze	800 mm
Mass with fuze	14800 g
Fuze	UTU M93P SQ/D, impact
Ignition cartridge	M12, waterproof

BALLISTIC PERFORMANCE

Muzzle safety at lowest initial velocity	50 m
Maximum range	7400 m (0+8) (120 mm mortar M75, barrel length 1500 mm)
Minimum range	255 m (0)
Max. mean operating pressure	961 bars
Killing range (1 penetration/m2) radius	24 m
Operating temperature range	-46 deg C to +63 deg C

DIMENSIONS, MASS AND SUPPLY

Mass of explosive charge	2900 g
Packaging	1 shell per carton, 5 cartons per wooden box 93 x 35 x 18 cm, 44 kg, 0.058 m3

ADDITIONAL TECHNICAL DATA

Explosive charge	Hexolite (RDX/TNT) or trotyl (TNT)
Increment charges	Ignition cartridge and eight increment charges (0+8)