



01 / PRODUCT OVERVIEW

BR-VZ-128-M15

128 mm unguided air-to-surface rocket BR-VZ-128-M15



FIG 01 PRODUCT CONFIGURATION

13,000 m

MAXIMUM RANGE

128 mm

CALIBER

2500-3000 m

MAXIMUM EFFECTIVE RANGE

≤600 m/s

MAXIMUM VELOCITY

01.1 / OVERVIEW

An unguided air-to-surface rocket with a dual-purpose HE/HEAT warhead intended for ground targets including tanks, self-propelled artillery, armoured vehicles and personnel carriers, launch ramps, radar stations, parked aircraft and helicopters, ammunition and fuel stores, and enemy personnel.

TYPE
HEAT

CALIBRE
128 mm

STANDARD
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.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

BR-VZ-128-M15 / AMMUNITION

IDENTITY AND CONSTRUCTION

Caliber	128 mm
Warhead length without fuze	557 mm
Warhead length with fuze	707 mm
Warhead mass without fuze	22 kg
Fuze type	mechanical, impact, superquick, front and rear safety arming mechanism

BALLISTIC PERFORMANCE

Effective time of operation of rocket motor at $t=+15^{\circ}\text{C}$	1.2 s
Maximum velocity	≤ 600 m/s
Starting velocity	35 m/s
Maximum range	13,000 m
Maximum effective range	2500-3000 m
Fragmentation effect – lethal radius	>25 m

DIMENSIONS, MASS AND SUPPLY

Length	1970 mm
Mass	52.7 kg
Length of active part of trajectory	360 m

ADDITIONAL TECHNICAL DATA

Electrical resistance of igniter train	0.7 to 2.0 Ω
Warhead type	dual purpose HE/HEAT
Type of explosive charge	TNT-RDX (60/40)
Penetrability	≤ 600 mm