



125 mm



AMMUNITION

GENERAL SPECIFICATIONS (HEAT - T FS, 3BK18M)

This is SHOHADA MAHAM PARCHIN separate loading ammunition which is intended for use against armoured targets and fired with 2A46M main gun fitted to T-72 MBT. It is automatically loaded into the breach followed by a semi-combustible cartridge case. The projectile has a steel body encircled by two driving bands and its front, carries a standoff spike inside which is a piezoelectric contact sensor connected by an internal connection to a base-mounted fuze. This ammunition can penetrate 450mm of Rolled Homogenous Armour (RHA) at normal angle or 230mm at an angle of 60 deg. to the normal.

GENERAL SPECIFICATIONS (HE 3VOF19)

The product is a fin stabilized and separate loading ammunition which is fired with 2A46M main gun fitted to T-72 MBT and T-80 UD. It is automatically loaded into the breach followed by a semi-combustible cartridge case. Having a muzzle velocity of 850 m/s the projectile reaches a max. range of 9400 m in the field being effective against enemy's personnel and materials by producing both fragmentation and blasts.



TECHNICAL SPECIFICATIONS

| Type | HE, FS,3V0F19 | HEAT - T FS, 3BK18M |
|--|--|-------------------------|
| Total length, fused (mm) | 673 | 680 |
| Total weight, fused (kg) | 23.15 | 19 |
| Filling material | 3/1485 kg | 1.600 kg Composition A4 |
| Propellant charge (kg) | ж52 | ж52-5 |
| Cartridge case length | - | 408 mm |
| Cartridge case weight | About 3.4 kg (w/o charges) About 10 kg (with charges) | - |
| Fuze | V-429E / B429E | V-15 |
| Primer | ГYB-7 | ГYB-7 |
| Muzzle velocity (m/s) | 850 | 905 |
| Max. range (m) | 9400 | 4000 |
| Max. chamber pressure in ambient temperature (bar) | 3000 | 3000 |
| Armament | Tank T-72 & T-80 Gun | Tank T-72 Gun |

PACKING DATA

| Type | HE, FS,3V0F19 | HEAT - T FS, 3BK18M |
|------------------------|---------------|---------------------|
| Quantity per Box | 1 rds | 1 |
| Box Weight (kg) | 52 | 49 |
| Box Dim. (cm) | 74 x 47 x 28 | 80 x 48 x 28 |
| Box P/Pallet | 8 | 8 |
| Pallet Weight (kg) | About 450 | About 450 |
| Pallet Dimensions (cm) | 95× 75 ×127 | 95 × 80 × 127 |