



# BELOM



**BELOM** is manufacturer of small arms ammunition.

Founded in the 2016. and with production started in the 2017. we are a newcomer among ammunition manufacturers. Company is created, equipped and organized to participate in the ammunition market by the high quality products thoroughly tested according to the relevant C.I.P, SAAMI, MIL and MOPI requirements.

**BELOM** is newcomer (2018) member of AFEMS.

**BELOM** produces pistol and rifle ammunition for sport, for armed force and for law enforcement customer segment. In order to provide high quality and well proven products, the manufacturing process is established on modern, efficient and safe equipment deployed in the new workshops which provide required working conditions and safe environment for our employees. Besides these products, **BELOM** provides complete engineering, procurements and commissioning services pertaining to small arms ammunition production and inspection.

**BELOM** has been established by the Jugoinport SDPR state owned company with a decades-long tradition in the trade of armaments, defence equipment and transfer technology.

**CARTRIDGE 12.7 x 108 mm, API (Armor Piercing Incendiary)**

Description		Full metal jacket bullet, steel/lead/antimony core/incendiary mixture. For military applications. UN transport classification UN0012, 1.4S	
Dimensions and weight	Maximum round overall length	[mm]	147
	Bullet length, max	[mm]	64.5
	Case length, max	[mm]	108
	Round weight, approx.	[g]	134
	Bullet weight	[g]	48.2 ± 0.8
Powder charge	Type	Spherical propellant	
	Weight	[g]	16.5 – 17.5
Cartridge	Average velocity at 24m, 21±2°C, standard proof barrel of 1008 mm length	[m/s]	810 – 825
	Range of experimental velocities for the testing group of rounds		35
	Maximum average case mouth pressure (piezo, K6215), standard proof barrel of 1008mm length, at 21°C, -54°C and 52°C.	[bar]	≤3400
	Maximum individual case mouth pressure (piezo, K6215), standard proof barrel of 1008mm length, at 21°C, -54°C and 52°C.		≤3600
	Precision, target at 100m, standard proof barrel of 1008 mm length, average mean radius, maximum	[mm]	≤65
	Penetration, complete, for minimum 90% of rounds in testing group, 90° angle of incidence, armor plate at 100m from muzzle, thickness	[mm]	15
	Incendiary performance: on diesel in the 10 liters jerry can behind armor plate of 15mm, for minimum 75% of rounds in testing group, 90° angle of incidence, armor plate at 100m from muzzle, distance of jerry can from armor plate	[mm]	100
	Bullet extraction force	[N]	2000 - 5500
	Waterproofness	Cartridges are waterproof (bubbles test)	
	Operating temperature	[°C]	-54 to +52
	Storage temperature	[°C]	-15 to +35
	Functioning	Cartridges function all specified weapons without casualty at 21°C, -54°C and +52°C	
	Shelf life under storage conditions, minimum, years	15	
Round elements	Case	Material	Brass 70/30
	Bullet jacket	Material	Steel plated with gilding metal
	Core	Material	Steel core enveloped with lead/antimony alloy (with incendiary in tip)
	Primer	Type, model	Berdan type, 12.7 DSK, noncorrosive



Packaging (suggested, can vary according to the specific requirements)

Type	104 rounds in the metal sheet box, 70 boxes (7280 rounds) on the pallet	
Packages dimensions	[mm]	Metal box: 310x165x156 Pallet: 1140x760x920
Case/box gross weight	[kg]	Metal box: approx. 16.8 pallet: approx. 1180
Case/box volume	[dm <sup>3</sup> ]	Metal box: 7.98 Pallet: 797.1



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