

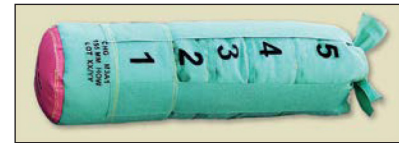
155 mm HOWITZER SYSTEM

Powder charges



Powder charge M3A 1 (green), projectile HE, M107, for howitzer M 1 and M65 155mm

Powder NCD-13	1	2	3	4	5
Charge weight, w, g	~950	~250	~350	~430	~700
Muzzle velocity, V_0 , m/s	207	235	274	317	375
Max. pressure, $P_{m\text{mean}}$, bar	-	-	-	-	≤ 1930
Range, m, max	-	-	-	-	9700



Powder charge M4A2, projectile HE, M 107, for howitzer M 1 and M65 155mm

Powder NCD-27	3	4	5	6	7
Charge weight, w, g	~2100	~600	~800	~1300	~1500
Muzzle velocity, V_0 , m/s	274	317	375	463	564
Max. pressure, $P_{m\text{mean}}$, bar	-	-	-	-	≤ 2648
Range, m, max	-	-	-	-	14500



Powder charge M119A2, projectile M107 for artillery systems 155mm

Powder NCD-26, NC-70

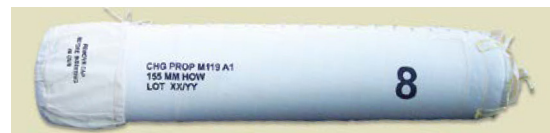
Charge weight, w, g	~9500
Muzzle velocity (at 21 °C), V_0 , m/s	678.5 - 693.7
Max. pressure (at 63°C), P_m , bar	2827



Powder charge M119A 1 (ZONE BJ, projectile M107, for artillery systems 155mm/39cal and 45cal

Powder NCD-26, NC-80

Charge weight, w, g	~9000
Muzzle velocity, V_0 , m/s	685
Max. pressure, $P_{m\text{mean}}$, bar	≤ 2206
Range, m, max	17800



Powder charge M203 (ZONE_9), projectile HE and HEER, for artillery systems 155mm/39cal and 45cal

Powder NCD-191, NC-80

Charge weight, w, g	~ 13000
Muzzle velocity, Vo, m/s	825
Max. pressure, Pm mean, bar	≤ 3250
Range, m, max	30100



Powder charge M11 (ZONE 10), projectile ERFB Mk 10/2 and ERFB-BB for artillery system 155 mm cal

Powder NCD-19, NC-80

Charge weight, w, g	~ 17000
Muzzle velocity, Vo, m/s	895
Max. pressure, Pm mean, bar	≤ 3000
Range, m, max	39000



MONO-BLOCK POWDER CHARGES for howitzer system 155 mm, 45 and 52 cal.

The powders are placed inside rigid combustible cases hermetically sealed and made from propulsive energetic material obtained by impregnation of nitrocellulose paper, having a geometry which is adjusted to the function of the automatic loading device on the weapon, in colours according to the buyer's request.

MC Zone 8, MC Zone 9 and MC Zone 10

Barrel length: 52 cal Powder chamber: 23 l	Projectile M107		ERFB-BT		ERFB-BB	
	Vo, mis	Range,m	Vo, mis	Range,m	Vo, mis	Range,m
MCZone8 (L = 530 ± 20mm; 0158 -1 mm)	690	18400	680	20620	-	-
MCZone9 (L = 720± 20mm; 0158 -1 mm)	-	-	820	26650	829	34000
MC Zone 10 (L = 920± 20mm; 0158 -1 mm)	-	-	920	32400	925	41200



PACKING: metal, plastic or fibre boxes in wooden case



Should you have any further enquires, please do not hesitate to contact us at office@yugoimport.com
 All the data given in the brochure are for information purposes only. The final configuration and/or technical specification are defined for each contract individually.