

45-70 Government

Test Specifications:

Firearm Used: Universal Receiver

Barrel Length: 24"

Twist: 1x20"

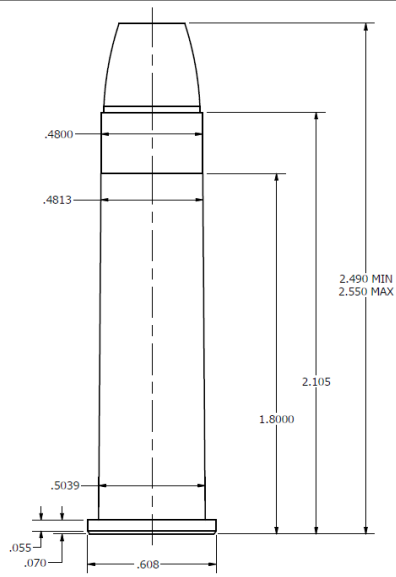
Components:

Case: Starline

Trim-to-Length: 2.090"

Primer: Federal 210

Remarks:



INDICATES MAXIMUM LOAD - USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT

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45-70 Government

1873 Trapdoor- 18,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#8900	0.458"	300gr.	GK	2.520"

* Loads for Model 1873 Springfield, Remington Rolling Block, other black powder rifles, replicas, and modern reproductions

Powder	Velocity >	1500	1550	1650	1700	1750	1800	1825
IMR 4227	27.4	27.8						
R-7		35.3	38.3	40.0				
H 4198			36.9	38.5				
N 130		35.3	37.8					
R-10x	34.3	36.8						
H 335				48.6	49.7			
H 4895				50.2	51.3	51.9		
SW Tactical Rifle					50.7	52.2	52.8	
Varget		48.3	50.8	51.0				
Staball Match					57.0	58.2		
Energy Ft. Lbs	1499	1600	1813	1925	2040	2158	2218	

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	R-10x	36.5	1575	1652
Hunting Load	SW Tactical Rifle	52.2	1800	2158

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1886 Winchester -28,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#8900	0.458"	300gr.	GK	2.520"

*Loads for the Model 1886, Sharps Borchardt, Remington and Navy Arms Rolling Block designs

Powder	Velocity >	1900	1950	2000	2050	2100	2150	2175
R-7		45.8	47.3	48.8	50.1			
IMR 4198		42.2	43.4	44.4				
H 4198		43.0	44.3	45.5	46.0			
N 130		44.8	46.1	46.4				
R-10x		45.8	46.6					
IMR 3031		52.9	53.9	54.4				
H 335		53.8	55.1	56.2				
X-Terminator				55.4	56.8	58.1	59.0	
H 4895		54.3	55.3	56.3	57.4	58.4	58.8	
IMR 4895		53.5	54.9	55.6				
SW Tactical Rifle			56.6	58.0	59.5	61.0	62.4	63.1
Varget		57.0	58.3	59.5	60.8	62.0	62.6	
Staball Match		60.7	62.0	63.2	64.0			
Energy Ft. Lbs		2405	2533	2664	2799	2937	3079	3151

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	Staball Match	63.2	2000	2664
Hunting Load	SW Tactical Rifle	62.7	2160	3108

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Marlin 1895-38,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#8900	0.458"	300gr.	GK	2.520"

* Loads for Model 1895 Marlin and Ruger #1, and #3 rifles, and Siamese Mauser actions

Powder	Velocity >	2050	2100	2150	2200	2250	2300	2350
IMR 4227		40.5	42.5					
R-7		50.3	51.7	53.2	54.7	56.2	56.7	
IMR 4198		45.9	47.1	48.3	49.6	50.9		
H 4198		46.7	47.9	49.2	50.4	51.6	52.7	
N 130		48.8	50.2	51.6	52.9	54.0		
R-10x		50.1	51.6	53.0	54.4	55.9	56.4	
IMR 3031		55.9	57.0	58.0				
H 335		57.7	59.0	60.3	61.9			
X-Terminator		56.8	58.1	59.5	60.8	62.2	63.5	64.6
H 4895			58.4	59.4	60.4	62.0		
IMR 4895		57.7	59.1	60.5	61.5			
SW Tactical Rifle		59.5	61.0	62.4	63.9	64.6		
Energy Ft. Lbs		2799	2937	3079	3224	3374	3524	3678

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	H 4198	50	2164	3119
Hunting Load	N 130	53.6	2226	3300

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1873 Trapdoor- 18,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#8950	.458"	400gr.	PH	2.520"

* Loads for Model 1873 Springfield, Remington Rolling Block, other black powder rifles, replicas, and modern reproductions

Powder	Velocity >	2250	2300	2350	2375	2400	2450	2500
IMR 4227		23.7	24.5	25.3				
IMR 4198				28.8	29.9	31.0	31.6	32.2
H 4198				28.3	29.5	30.8	31.4	
IMR 3031				38.0	39.1	40.1	40.6	
IMR 4895				36.1	37.4	38.8	39.4	
Varget				39.2	40.4	41.6	42.2	
Energy Ft. Lbs		1075	1174	1279	1388	1501	1559	1618

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	Varget	42.2	2450	1559
Hunting Load	IMR 3031	40.6	2450	1559

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1886 Winchester -28,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#8950	.458"	400gr.	PH	2.520"

*Loads for the Model 1886, Sharps Borchardt, Remington and Navy Arms Rolling Block designs

Powder	Velocity >	1400	1450	1500	1550	1600	1650	1700
IMR 4227		28.5	29.3	30.1				
R-7				37.0	38.4	39.8	41.2	
IMR 4198		33.3	34.4	35.5	36.7	37.8	38.9	
H 4198		33.2	34.4	35.6	36.8	38.0	39.2	
R-10x			35.7	37.0	38.3	39.6		
IMR 3031		42.0	43.0	43.9	44.9	45.9		
H 335		41.6	43.0	44.4	45.8			
X-Terminator							46.5	48.2
H 4895				42.9	44.1	45.3	46.6	47.8
IMR 4985	41.4	42.8	44.1	45.4	46.8			
IMR 4064		44.9	46.2	47.4	48.7	49.9		
SW Match			45.5	47.1	48.7			
Varget	44.0	45.2	46.4	47.6	48.8	50.0		
SW Precision	45.7	46.9	48.1	49.3	50.5	51.7	52.9	
Staball Match	45.1	46.4	47.8	49.1	50.4	51.8	53.1	
PP 2000-mr		48.2	49.6	51.1	52.6			
Energy Ft. Lbs	1741	1867	1998	2133	2273	2418	2566	

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	IMR 4895	46.8	1600	2273
Hunting Load	SW Match	48.7	1600	2273

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Marlin 1895-38,000 PSI

Bullet	Caliber	Weight	Type	C.O.A.L.
#8950	.458"	400gr.	PH	2.520"

* Loads for Model 1895 Marlin and Ruger #1, and #3 rifles, and Siamese Mauser actions

Powder	Velocity >	1650	1700	1750	1800	1850	1900	1950
R-7				44.1	45.4	46.8	48.2	
IMR 4198			40.0	41.2	42.3	43.4	44.4	
H 4198			40.4	41.6	42.8	44.0	45.4	
R-10x			42.2	43.5	44.8	46.1		
IMR 3031	46.9	47.8	48.8	49.8	51.1			
H 335	48.6	50.0	51.3	52.7				
X-Terminator			49.6	51.4	53.1	54.7		
H 4895			49.1	50.3	51.5	52.8	54.0	
IMR 4895	48.1	49.4	50.8	52.1	53.4			
IMR 4064	49.9	51.2	52.5					
SW Match			53.6	55.3	56.9	58.5		
Varget	50.0	51.2	52.4	53.6	54.8	56.2		
SW Precision	51.7	52.9	54.1	55.5				
Staball Match		53.1	54.5	55.8	57.1	58.4	59.6	
PP-2000mr	54.1	55.6	57.1	58.6	60.5			
Energy Ft. Lbs	2418	2566	2720	2877	3039	3206	3377	

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	IMR 3031	51.1	1850	3039
Hunting Load	Varget	56.2	1900	3206

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