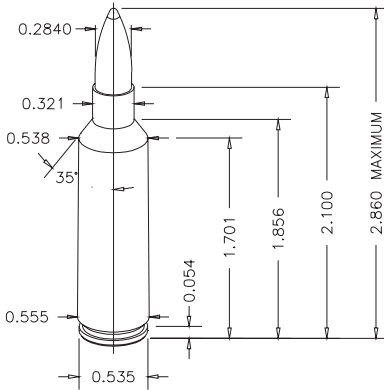


7mm Winchester Short Magnum



Test Specifications/ Components

Firearm Used: Winchester Model 70

Barrel Length: 24"

Twist: 1 x 9 1/4"

Case: Winchester

Trim-to Length: 2.090"

Primer: WLRM

Remarks:

Winchester's third entry in the rush to short-action magnums, the 7mm WSM offers a near ideal level of performance for most North American big game species. Providing the power of the venerable 7mm Remington Magnum in a shorter, lighter rifle, the 7mm WSM also dispenses with the

archaic belted design of the older cartridge. At nearly an inch shorter than some of the full-length magnum cartridges, the WSM makes sense when rifle weight is a primary consideration. In an action length previously reserved for cartridges like the 308 Winchester, the 7mm WSM generates true magnum power.

Like many of the other short magnums introduced in the last few years, the 7mm WSM is based on the old 404 Jefferey case. With a larger body diameter than our more established belted magnums, the new design allows similar performance in shorter cartridges. While this configuration is thought to offer improved accuracy, it places some constraints on bullet selection. Longer, heavier bullets that require deeper seating to stay within established OAL specifications intrude on powder capacity. Utilizing a larger action to accommodate longer or heavier bullets would be counterproductive, and defeat the whole concept of a short magnum. Designed more around the 140 to 160 grain weights, the 7mm WSM fulfills its intended role superbly. Sierra offers at least six bullets within this weight range that should be suitable for all but our largest and toughest big game.

Considering its similar capacity, the 7mm WSM is well adapted to powders normally associated with the 7mm Remington Magnum. Magnum primers should get the nod here to ensure proper ignition and best accuracy. For those shooters who have admired the stylish lines of Winchester's classy little Featherweight Model 70, the 7mm WSM is a very tempting option.

7mm Winchester Short Magnum continued

#1895 .284" 100 gr. HP
C.O.A.L. 2.745"



Powder↓/Velocity→	3200	3300	3400	3500	3600
H4895		54.9	56.9	58.9	60.9
Varget		55.9	57.9	59.9	61.9
H380			61.4	64.6	67.8
H414			65.6	67.6	
IMR-4350	62.8	64.4	66.0	67.6	69.2
H4350 EXT	62.9	64.7	66.5	68.3	70.1
RE-19	66.6	68.4	70.2	72.0	
XMR-3100	68.1	69.7	71.3	72.9	
Energy/ft.lbs.	2274	2418	2567	2720	2878
	Powder	Grains	Velocity	Ft. lbs.	
Accuracy Load	H4895	58.9	3500	2720	
Hunting Load	H4350 EXT	70.1	3600	2878	

#1900 .284" 120 gr. SPT
C.O.A.L. 2.795"

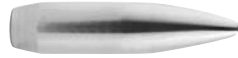


Powder↓/Velocity→	3100	3200	3300	3350	3400
Varget	54.1	56.1	58.1		
H380		60.1	64.2		
H414			65.1	66.3	67.5
IMR-4350	62.3	64.1	65.9	66.8	67.7
H4350 EXT	62.4	64.6	66.8	67.9	69.0
RE-19	66.1	68.0	69.9		
XMR-3100	68.0	69.5	71.0	71.8	
H4831 SC	66.3	68.4	70.5		
Energy/ft.lbs.	2561	2729	2902	2991	3081
	Powder	Grains	Velocity	Ft. lbs.	
Accuracy Load	Varget	58.1	3300	2902	
Hunting Load	XMR-3100	71.8	3350	2991	

INDICATES MAXIMUM LOAD – USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

7mm Winchester Short Magnum continued

#1903 .284" 130 gr. HPBT MatchKing
C.O.A.L. 2.825"



Powder↓/Velocity→	3000	3100	3200	3250	3300
Varget	52.1	54.2	56.3		
H380	55.7	57.7	59.7		
H414			63.8	64.8	65.7
IMR-4350	58.9	60.9	62.9	63.9	64.9
H4350 EXT	59.6	61.9	64.2		
RE-19	63.2	65.2	67.2		
XMR-3100	65.1	66.5	67.9	68.6	69.3
H4831 SC	63.7	65.7	67.7	68.7	
MagPro	68.8	71.0	73.2	74.2	
Energy/ft.lbs.	2598	2774	2956	3049	3144

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Varget	56.3	3200	2956

Sierra does not recommend MatchKing bullets for hunting applications.

#1905 .284" 140 gr. SBT
C.O.A.L. 2.800"



#1910 .284" 140 gr. SPT
C.O.A.L. 2.800"



Powder↓/Velocity→	2900	3000	3050	3100	3150	3200
Varget	51.5	53.6	54.7	55.7		
H380	53.8	57.2	58.9			
H414		60.7	61.7	62.6		
IMR-4350	58.4	60.3	61.3	62.2	63.2	
H4350 EXT	58.7	61.0	62.2	63.3	64.4	
RE-19	62.2	64.4	65.5	66.6	67.7	
XMR-3100	64.0	65.6	66.4	67.2	68.0	68.8
H4831 SC	62.0	64.4	65.6	66.8	68.0	
MagPro	67.9	69.9	70.9	71.9	72.9	73.9
Energy/ft.lbs.	2615	2798	2892	2988	3085	3184

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H4350 EXT	63.3	3100	2988
Hunting Load	IMR-4350	63.2	3150	3085

INDICATES MAXIMUM LOAD – USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

7mm Winchester Short Magnum continued

#1913 .284" 150 gr. SBT
C.O.A.L. 2.815"



#1915 .284" 150 gr. HPBT MatchKing
C.O.A.L. 2.825"



Powder↓/Velocity→	2800	2900	3000	3100	3150
H380	54.0	56.6			
H414	55.9	58.0	60.1		
IMR-4350	56.6	58.4	60.2	62.0	
H4350 EXT	56.1	58.4	60.7	63.0	
RE-19	60.0	62.0	64.0	66.0	
XMR-3100	60.8	62.8	64.8	66.8	
H4831 SC	60.0	62.2	64.4	66.6	
MagPro	64.8	67.0	69.2	71.4	72.5
RE-22	59.2	61.5	63.8	66.1	67.3
H1000	65.5	68.1	70.7		
Energy/ft.lbs.	2611	2801	2998	3201	3305

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H4831 SC	64.4	3000	2998
Hunting Load	H4350 EXT	63.0	3100	3201

Sierra does not recommend MatchKing bullets for hunting applications.

INDICATES MAXIMUM LOAD – USE CAUTION

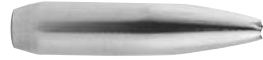
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

7mm Winchester Short Magnum continued

#1920 .284" 160 gr. SBT
C.O.A.L. 2.795"



#1925 .284" 160 gr. HPBT
C.O.A.L. 2.790"



Powder↓/Velocity→	2600	2700	2800	2850	2900	2950	3000
H380	51.0	53.1	55.2				
H414	53.4	55.4	57.4	58.4			
IMR-4350	52.6	54.7	56.8	57.9	58.9	60.0	61.0
H4350 EXT	52.7	54.9	57.1	58.2	59.3	60.4	61.5
XMR-3100	58.4	60.2	62.0	62.9	63.8	64.7	65.6
H4831 SC	55.0	57.5	60.0	61.3	62.5	63.8	65.0
MagPro	60.8	63.1	65.4	66.6	67.7	68.9	70.0
RE-22	57.0	58.8	60.6	61.5	62.4	63.3	64.2
H1000	62.7	64.8	66.9	68.0	69.0	70.1	71.1
Energy/ft.lbs.	2402	2590	2786	2886	2988	3092	3198

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	IMR-4350	58.9	2900	2988
Hunting Load	H4350 EXT	61.5	3000	3198

INDICATES MAXIMUM LOAD – USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

7mm Winchester Short Magnum continued

#1930 .284" 168 gr. HPBT MatchKing
C.O.A.L. 2.830"

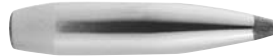


Powder↓/Velocity→	2500	2600	2700	2800	2850	2900
H380	49.9	52.0	54.1			
H414	53.4	54.7	56.0	57.3	58.0	
IMR-4350	51.6	53.7	55.8	57.9	59.0	60.0
H4350 EXT	51.4	53.6	55.8	58.0	59.1	60.2
XMR-3100	57.0	58.8	60.6	62.4	63.3	64.2
H4831 SC		56.2	58.5	60.8	62.0	63.1
MagPro		61.3	63.7	66.1	67.3	68.5
RE-22		56.2	58.6	61.0	62.2	63.4
H1000		62.4	64.8	67.2	68.4	69.6
Energy/ft.lbs.	2332	2522	2720	2925	3030	3138

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-22	62.2	2850	3030

Sierra does not recommend MatchKing bullets for hunting applications.

#1940 .284" 175 gr. SBT
C.O.A.L. 2.830"



Powder↓/Velocity→	2500	2600	2700	2800	2850
H414	52.5	54.0	55.5	57.0	
IMR-4350	50.9	53.3	55.7	58.1	
H4350 EXT	50.7	53.1	55.5	57.9	
XMR-3100	56.1	58.1	60.1	62.1	
H4831 SC	54.0	56.4	58.8	61.2	
MagPro	58.7	60.9	63.1	65.3	66.4
RE-22	54.1	56.5	58.9	61.3	
H1000	60.3	62.7	65.1	67.5	
Returnbo	62.3	64.4	66.5	68.6	69.7
Energy/ft.lbs.	2429	2627	2833	3047	3157

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	XMR-3100	60.1	2700	2833
Hunting Load	IMR-4350	58.1	2800	3047

INDICATES MAXIMUM LOAD – USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.