

270 WINCHESTER SHORT MAGNUM (WSM)

Test Specifications:

Firearm Used: Universal

Barrel Length: 24"

Twist: 1-10"

Components:

Case: Winchester

Trim-to Length: 2.090"

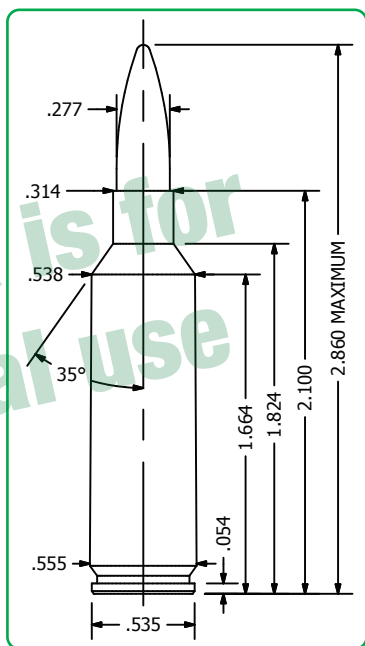
Primer: WLRM

Remarks:


The 270 WSM is another of Winchester's cartridge family, the Short Magnums. Designed from the ground up as a hunting cartridge, the 270 WSM has a lot going for it. Delivering another 200 fps above its older stablemate, it rivals the performance of the Weatherby offering. Like the other WSM family members, the 270 is designed around the short action concept. This alone makes it unique, as both of its competitors require conventional long actions. The weight reduction afforded by the more compact action is a worthwhile improvement, especially considering the type game this cartridge is best suited to. A lighter rifle, even by a half pound or so, makes a big difference on a long trek up a mountainside. US Repeating Arms and Browning have both capitalized on this fact by introducing the 270 WSM in their lightest hunting rifles, the Classic Featherweight and the A Bolt Stalker, respectively. Many other firearms Manufacturers have embraced the 270 WSM also. The bottom line here is, the WSM will do anything the 270 Winchester can, and then some. The fact that it will do it in a lighter, easier to handle package is simply icing on the cake.

Powders suitable for the 270 WSM range from 4350 (Hodgdon or IMR) on through such slow burning numbers as Reloder 22, IMR 7828 or H1000. Reloading the cartridge presents no special problems, and the .277 bore size presents an excellent range of bullets for the hunter. The 130 grain has traditionally been the "standard" weight for big game, but with the extra velocity the WSM has on tap, the 140 grain bullets may be better choices. The 140 TKG GameChanger bullet capitalizes on that fact. Built with heavier jacket walls and a "special" lead alloy core, the TKG's are capable of good expansion and very deep penetration. The short/fat case design should offer enhanced accuracy potential.

The 270 WSM has been said to probably have been the best of the short mag offerings. It and the 300 WSM have certainly been the most popular. Even though it has considerable performance advantages over the 270 Winchester, there is no threat that the old "standard" will become obsolete.





270 WINCHESTER SHORT MAGNUM (WSM)




Bullet		Caliber	Weight	Type	C.O.A.L.					
		#1800	.277"	90gr.	HP	2.720"				
Powder	Velocity	3600	3650	3700	3750	3800	3850	3900		
H4350		66.1	67.2	68.2	69.1					
RE 16		64.8	65.8	66.8	67.8	68.7	69.6			
RE 17		64.8	65.7	66.6	67.4	68.2	69.0			
Hybrid 100V		65.3	66.3	67.2	68.1	68.9	69.7			
H4831sc		71.1	72.3	73.4	74.5					
IMR 4955 End.		68.6	69.5							
N560		72.3	73.2	74.0	74.7					
RE 23		68.7	69.7	70.6	71.6	72.5				
IMR 7828ssc		71.8	72.6	73.5						
RE 26		72.5	73.4	74.3	75.1	76.0				
Energy Ft. Lbs		2589	2662	2735	2810	2885	2962	3039		
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs						
Accuracy Load	Hybrid 100V	69.7	3850	2962						
Hunting Load	RE 16	69.6	3850	2962						

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270 WINCHESTER SHORT MAGNUM (WSM)

Bullet		Caliber	Weight	Type	C.O.A.L.				
	#1810	.277"	110gr.	SPT	2.740"				
	#1815	.277"	115gr.	HPBT Match	2.760"				
Powder	Velocity	3200	3250	3300	3350	3400	3450	3500	
H4350		57.8	59.1	60.3	61.6	62.8	64.1		
RE 16			58.9	60.3	61.6	62.9	64.0	65.1	
RE 17			58.9	60.3	61.6	62.7	63.8	64.7	
Hybrid 100V		58.3	59.3	60.4	61.5	62.6	63.8	64.9	
H4831sc			64.3	65.6	66.9	68.2	69.6		
IMR 4955 End.		62.2	63.2	64.3	65.3	66.3			
N560		64.5	65.6	66.7	67.8	68.9	70.0	71.2	
RE 23			61.9	63.4	64.8	66.0	67.1	68.1	
IMR 7828ssc		63.6	64.8	66.0	67.2	68.5	69.8		
H1000			66.8	68.4	69.8	71.2	72.6	73.9	
RE 26				66.4	67.7	68.9	70.0	71.1	
Magnum		71.5	72.8	73.9	75.0	76.1	77.0	77.9	
Returnbo		68.2	69.4	70.6	71.8	73.0	74.3	75.5	
Energy Ft. Lbs		2501	2579	2659	2741	2823	2907	2992	
Special Load	Powder	Grains	Velocity	fps	Energy	Ft. lbs			
Accuracy Load	RE 16	65.1	3500		2992				
Hunting Load	RE 16	65.1	3500		2992				
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>									

270 WINCHESTER SHORT MAGNUM (WSM)




	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1820	.277"	130gr.	SBT	2.740"
	#1830	.277"	130gr.	SPT	2.740"
	#1833	.277"	135gr.	HPBT Match	2.875"

Powder ▾	Velocity >	3000	3050	3100	3150	3200	3250	3300
H4831sc		60.8	62.1	63.4	64.6	65.9	67.2	
IMR 4955 End.		58.5	59.8	61.2	62.7			
N560		59.9	61.1	62.3	63.5	64.7	65.8	
RE 23		57.8	59.1	60.3	61.6	62.8	64.0	65.2
IMR 7828ssc		59.7	60.8	61.9	63.0	64.1		
IMR 7977 End.		64.6	65.7	66.8	67.9	69.0	70.2	
H1000			63.4	64.7	66.0	67.4	68.8	
RE 26			60.6	62.0	63.3	64.6	65.7	66.8
Magnum			67.3	68.7	70.1	71.4	72.6	
Retumbo		63.2	64.3	65.5	66.8	68.1	69.5	
Energy Ft. Lbs		2597	2685	2774	2864	2955	3048	3143

Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	IMR 7977 End.	70.2	3250	3048
Hunting Load	RE 23	65.2	3300	3143

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270 WINCHESTER SHORT MAGNUM (WSM)

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#1835	.277"	140gr.	HPBT	2.665"
	#1845	.277"	140gr.	SBT	2.720"
	#4440	.277"	140gr.	TGK	2.840"

Powder	Velocity	2900	2950	3000	3050	3100	3150	3200
H4831sc	54.3	56.3	58.1	59.7				
N560	56.7	58.1	59.4	60.6	61.9	63.1		
RE 23	54.7	56.1	57.4	58.7	60.0			
IMR 7828ssc	56.8	58.2	59.5	60.9	62.3			
IMR 7977 End.	61.8	63.2	64.5	65.8	67.0	68.3		
H1000		57.9	59.8	61.6	63.4			
RE 26		57.3	58.7	60.1	61.6	63.0		
Magnum		66.1	67.4	68.7	70.0	71.4	72.7	
Retumbo		61.2	62.9	64.4	65.8	67.0		
N570		63.9	65.0	66.1	67.3	68.6	69.8	
Energy Ft. Lbs		2614	2705	2797	2891	2987	3084	3183

Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs
Accuracy Load	Magnum	72.7	3200	3183
Hunting Load	Magnum	72.7	3200	3183

270 WINCHESTER SHORT MAGNUM (WSM)

Bullet		Caliber	Weight	Type	C.O.A.L.				
	#1840	.277"	150gr.	SBT	2.750"				
Powder	Velocity	2800	2850	2900	2950	3000	3050	3100	
H4831sc		53.7	55.9	58.0	59.7				
N560		56.3	57.5	58.7	60.0	61.2	62.4		
RE 23		54.1	55.6	57.0	58.4	59.7			
IMR 7828ssc		56.7	57.9	59.1	60.3	61.6			
IMR 7977 End.		61.1	62.2	63.4	64.6	65.8	67.0		
H1000			57.4	59.1	60.7	62.3			
RE 26			56.5	57.8	59.1	60.6	62.3		
Magnum			64.8	66.1	67.3	68.5	69.7	70.7	
Retumbo			59.5	61.3	63.0	64.7	66.2		
N570			62.0	63.4	64.8	66.1	67.4	68.6	
Energy Ft. Lbs		2611	2705	2801	2898	2997	3098	3200	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lbs					
Accuracy Load	IMR 7828ssc	61.6	3000	2997					
Hunting Load	Magnum	70.7	3100	3200					

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