

25 WSSM

Test Specifications:

Firearm Used: Savage 116 BSS

Barrel Length: 26"

Twist: 1 X 10"

Components:

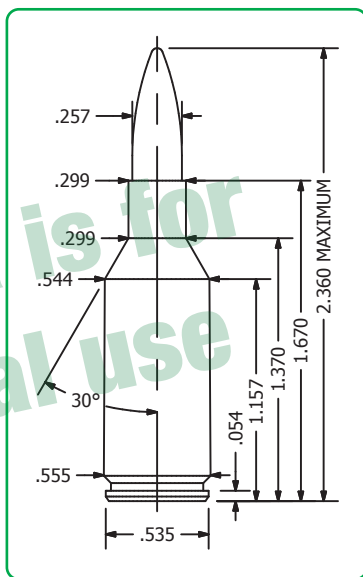
Case: WW

Trim-to Length: 1.660"

Primer: WLR

Remarks:

While Remington was cornering the large magnum market with the Remington Ultra Magnums (RUM), Winchester was introducing a series of shortened magnum cartridges called Winchester Short Magnums (WSM). In 2003 they took things even farther with the introduction of the Winchester Super Short Magnums (WSSM). These were shortened WSM cases, closely resembling a really fat BR case. The first of these was the .223 WSSM followed by the .243 WSSM. Everyone was curious about the next addition and it turned out to be the .25 WSSM. Winchester claimed that it approximated the 25-06 in a shorter cartridge used in a shorter action, which in turn made a lighter, faster handling rifle. Our testing with the available canister powders found it lacked about 100 FPS of equaling the 25-06. Nevertheless, the .25 WSSM is a good cartridge that will see a wide variety of uses.



75 WSSM

Bullet Caliber Weight Type				C.O.A.L.		
	#1600	.257"	75 gr.	HP	2.230"	
	#1605	.257"	70gr.	BlitzKing	2.230"	
Powder ▾	Velocity >	3400	3450	3500	3550	3600 3650
IMR-4895		41.8	42.5	43.1	43.8	44.4
Varget		42.0	42.7	43.4	44.2	44.9 45.6
IMR-4064		43.0	43.5	44.0	44.4	44.9 45.4
A 2520		40.9	42.0	43.1		
IMR-4320		43.9	44.6	45.2	45.9	46.5
BigGame		46.9	47.6	48.2	48.9	49.5
RE-15		43.3	44.0	44.7	45.3	46.0
H380		47.1	47.8	48.4	49.1	49.7
760		49.0	49.6	50.1		
Energy/ft. lbs.		1925	1982	2040	2099	2158 2219
Special Load	Powder	Grains		Velocity fps	Energy Ft. lbs	
Accuracy Load	RE-15	46.0		3600	2158	
Hunting Load	IMR-4064	45.4		3650	2219	

Do not edit or redistribute.

25 WSSM

Bullet		Caliber	Weight	Type	C.O.A.L.			
	#1610	.257"	87 gr.	SPT	2.260"			
	#1615	.257"	90 gr.	HPBT	2.230"			
Powder	Velocity	3100	3150	3200	3250	3300	3350	3400
IMR-4895		38.5	39.3	40.0	40.8	41.5	42.3	
Varget		38.5	39.3	40.1	41.0	41.8	42.6	
IMR-4064		39.6	40.3	41.0	41.7	42.3	43.0	43.7
A-2520			38.7	39.6	40.4	41.3		
IMR-4320		40.7	41.4	42.0	42.7	43.3	44.0	44.6
Viht N140			39.5	40.3	41.1	41.9	42.7	
A-2700		44.8	45.6	46.4	47.2	48.0	48.8	49.6
BigGame				44.6	45.4	46.3	47.1	47.9
RE-15		39.4	40.2	41.0	41.8	42.5	43.3	44.1
H380			44.1	44.9	45.6	46.4		
760			45.9	46.6	47.4	48.1	48.9	49.6
IMR-4350		44.8	45.5	46.3	47.0			
RE-19			48.5	49.0	49.5	50.0		
Energy/ft. lbs.		1920	1983	2046	2111	2176	2243	2310
Special Load	Powder	Grains		Velocity fps		Energy Ft. lbs		
Accuracy Load	IMR-4895	42.3		3350		2243		
Hunting Load	BigGame	47.9		3400		2310		

7.5 WSSM

Bullet Caliber Weight Type					C.O.A.L.			
	#1620	.257"	100 gr.	SPT	2.300"			
	#1625	.257"	100 gr.	SBT	2.300"			
	#1628	.257"	100 gr.	HPBT MatchKing	2.320"			
Powder ▾	Velocity >	2900	3000	3050	3100	3150	3200	3250
IMR-4895		36.5	38.0	38.7	39.4	40.2	40.9	
Varget		36.9	38.2	38.9	39.6	40.3	40.9	41.6
IMR-4064		37.3	38.6	39.3	40.0	40.6	41.3	
A 2520		37.1	38.3	38.9	39.5	40.1		
RE-15		37.3	38.8	39.6	40.3	41.1	41.8	42.6
H380		41.0	42.6	43.5	44.3	45.1	45.9	
760			43.4	44.3	45.2	46.2	47.1	48.0
IMR-4350		41.8	43.4	44.2	45.0	45.8	46.6	
Hunter		42.8	44.6	45.5	46.4			
RE-19		44.8	46.1	46.8	47.5	48.1	48.8	
IMR-4831		43.1	44.7	45.5	46.3	47.1	47.9	
WXR		45.7	47.3	48.1	48.9			
Energy/ft. lbs.		1867	1998	2066	2134	2203	2274	2345
Special Load	Powder	Grains		Velocity fps		Energy Ft. lbs		
Accuracy Load	IMR-4064	40.6		3150		2203		
Hunting Load	Varget	41.6		3250		2345		
Sierra does not recommend MatchKing bullets for hunting applications.								

25 WSSM

Bullet		Caliber	Weight	Type	C.O.A.L.				
	#1630	.257"	117 gr.	SBT	2.320"				
	#1640	.257"	117 gr.	SPT	2.320"				
	#1650	.257"	120 gr.	HPBT	2.320"				
Powder	Velocity	2700	2750	2800	2850	2900	2950	3000	
IMR-4064		35.6	36.4	37.2	38.0	38.8			
760			40.6	41.5	42.5	43.4	44.3	45.3	
IMR-4350		39.5	40.3	41.2	42.0	42.8	43.7	44.5	
Hunter		41.1	42.2	43.3	44.4				
RE-19			42.5	43.3	44.1	45.0	45.8	46.6	
IMR-4831		40.7	41.6	42.5	43.4	44.3			
H4831 SC		42.7	43.5	44.3	45.0	45.8			
WXR			43.9	44.7	45.4	46.2			
Energy/ft. lbs.		1942	2015	2089	2164	2241	2319	2398	
Special Load	Powder	Grains		Velocity fps		Energy Ft. lbs			
Accuracy Load	IMR-4064	38.8		2900		2241			
Hunting Load	760	45.3		3000		2398			