

# 300 H&H MAGNUM

## Test Specifications:

Firearm Used: Remington 721

Barrel Length: 26"

Twist: 1 x 10"

## Components:

Case: Winchester

Trim-to Length: 2.840"

Primer: Winchester WLRM

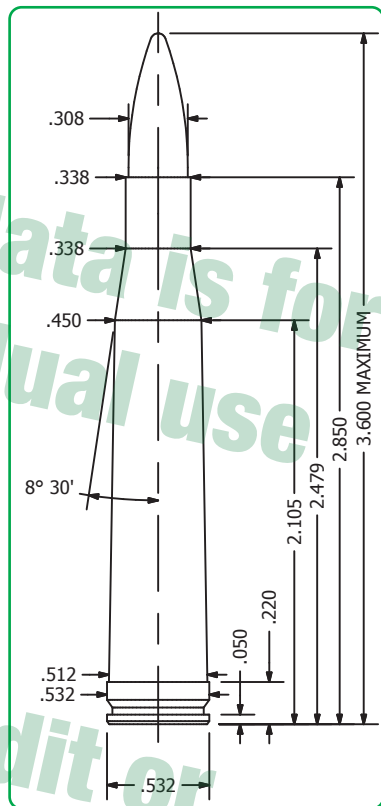
## Remarks:

Along with its older sibling the 375 H&H, the 300 H&H could rightfully be considered the forerunner of modern belted magnums. With few exceptions, today's belted magnums generally can trace their lineage back to these two British cartridges. Originally introduced as the Super Thirty Belted Magnum, it made its debut in 1920. With its obvious potential as a long range hunting cartridge, the Western Cartridge Company introduced the 300 H&H to the United States in 1925. Its real introduction to American shooters came ten years later, when Ben Comfort used a custombuilt 1917 Enfield to win the prestigious 1000 yard Wimbledon Cup match. A few years after Comfort's Wimbledon feat, Winchester began offering the 300 H&H as a standard chambering in its Model 70 bolt action.




Today, the terms "belted" and "magnum" have become synonymous in most shooters' minds. The belt is often mistakenly given credit for making the case stronger. Belts were originally intended to control headspace in cartridges designed for magazine fed, bolt action rifles. Bolt actions require a cartridge that can feed smoothly from the magazine, which is frequently a problem with rimmed cartridges. In effect, the belt acts as a miniature rim, providing both positive headspacing and smooth feeding.

The 300 and 375 H&H cartridges are two of the few magnum cartridges that actually need the belt. Both have long, sloping shoulders, making it difficult to accurately control headspace. Most of the more recent magnum cartridges have more pronounced shoulders that allow positive headspacing in the same manner as a conventional rimless case. Headspace issues aside, the 300 H&H is an accurate and versatile hunting cartridge, well suited to most North American big game.

With new bullet and powder developments, this cartridge has seen some new life. There are many devoted H&H owners that prove this cartridge is a long ways from being obsolete. Many custom rifles are built and the occasional chambering by firearms manufacturers keep the Super Thirty what it has always been. Super.



**300 H&H MAGNUM**

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2100	.308"	110gr.	RN	3.350"
	#2105	.308"	110gr.	FMJ	3.350"
	#2110	.308"	110gr.	HP	3.450"




  

Powder ▾	Velocity >	3300	3400	3500	3600	3700
IMR 3031		55.2	57.4	59.5	61.7	63.8
IMR 4895		59.1	61.2	63.3	65.3	67.4
IMR 4064		60.6	62.4	64.3	66.1	67.9
IMR 4320		60.4	62.4	64.5	66.5	68.5
H380		65.9	68.3	70.6	73.0	75.3
IMR 4350		70.5	72.4	74.3	76.2	78.1
IMR 4831		74.0	76.0			
H4831		77.4	80.0			
<b>Energy Ft. lbs</b>		<b>2659</b>	<b>2823</b>	<b>2992</b>	<b>3165</b>	<b>3343</b>

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	IMR 4064	66.1	3600	3165
<b>Hunting Load</b>	IMR 4064	66.1	3600	3165

## 300 H&amp;H MAGNUM

	Bullet	Caliber	Weight	Type	C.O.A.L.	
	#2120	.308"	125gr.	SPT	3.550"	
	#2121	.308"	125gr.	HP Match	3.550"	
	#7725	.308"	125gr.	TMK Match	3.550"	
Powder	Velocity	3200	3300	3400	3500	3600
IMR 3031	57.0	59.4	61.7			
IMR 4895	59.8	62.0	64.2	66.4		
IMR 4064	60.7	62.8	64.8	66.9		
IMR 4320	60.3	62.8	65.2	67.7		
H380	66.8	69.2	71.5			
IMR 4350	68.6	70.6	72.5	74.5	76.4	
IMR 4831	72.0	74.1				
H4831	76.5	79.1				
<b>Energy Ft. lbs</b>	<b>2842</b>	<b>3022</b>	<b>3208</b>	<b>3399</b>	<b>3597</b>	
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
<b>Accuracy Load</b>	IMR 4064	64.8	3400	3208		
<b>Hunting Load</b>	IMR 4350	74.5	3500	3399		

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## 300 H&amp;H MAGNUM

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2115	.308"	150gr.	FMJBT	3.625"
	#2130	.308"	150gr.	SPT	3.625"
	#2125	.308"	150gr.	SBT	3.625"
	#2190	.308"	150gr.	HPBT MatchKing	3.625"
	#2135	.308"	150gr.	RN	3.300"
	#2155	.308"	155gr.	HPBT Palma MatchKing	3.625"
	#7755	.308"	155gr.	TMK	3.625"






  

Powder ▾	Velocity >	3000	3100	3200	3300	3400
IMR 3031		54.6	57.6	60.6		
IMR 4895		57.3	59.6	62.0	64.3	
IMR 4064		58.7	61.1	63.4		
IMR 4320		58.0	60.6	63.3	65.9	
H380		63.9	66.6	69.2		
IMR 4350		65.0	67.4	69.7	72.1	74.4
IMR 4831		68.3	70.7	73.1		
H4831		74.0	76.6	79.1		
<b>Energy Ft. lbs</b>		<b>2997</b>	<b>3200</b>	<b>3410</b>	<b>3626</b>	<b>3850</b>

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	IMR 4350	72.1	3300	3626
<b>Hunting Load</b>	IMR 4350	72.1	3300	3626

# 300 H&H MAGNUM

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2145	.308"	165gr.	SBT	3.600"
	#2140	.308"	165gr.	HPBT	3.600"
	#4665	.308"	165gr.	TGK	3.655"
	#2200	.308"	168gr.	HPBT MatchKing	3.655"
	#7768	.308"	168gr.	TMK	3.655"







  

Powder	Velocity	2700	2800	2900	3000	3100
IMR 3031	49.9	52.7	55.4			
IMR 4895	51.7	54.3	56.9	59.5		
IMR 4064	53.3	55.6	57.9	60.2		
IMR 4320	53.7	56.1	58.4	60.8		
H380	58.4	60.8	63.2	65.5	67.9	
IMR 4350	60.5	62.7	64.8	67.0	69.1	
IMR 4831	63.5	65.7	68.0	70.2		
H4831	67.8	70.1	72.5	74.8		
<b>Energy Ft. lbs</b>	<b>2670</b>	<b>2872</b>	<b>3081</b>	<b>3297</b>	<b>3520</b>	

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	IMR 4350	67.0	3000	3297
<b>Hunting Load</b>	IMR 4350	69.1	3100	3520

## 300 H&amp;H MAGNUM

Bullet	Caliber	Weight	Type	C.O.A.L.
	#2275	.308"	175gr. HPBT MatchKing	3.655"
	#7775	.308"	175gr. TMK	3.655"
	#2150	.308"	180gr. SPT	3.600"
	#2160	.308"	180gr. SBT	3.600"
	#2220	.308"	180gr. HPBT MatchKing	3.655"
	#2170	.308"	180gr. RN	3.550"


  

Powder	Velocity	2500	2600	2700	2800	2900
IMR 3031		46.7	49.4	52.1	54.8	
IMR 4895		48.5	51.1	53.7	56.3	58.9
IMR 4064		50.2	52.4	54.7	56.9	59.1
IMR 4320		48.2	51.1	53.9	56.8	59.6
H380		53.9	56.5	59.2	61.8	64.4
IMR 4350			58.4	60.6	62.9	65.1
IMR 4831			61.3	63.7	66.0	68.4
H4831			65.5	67.6	69.8	71.9
<b>Energy Ft. lbs</b>		<b>2428</b>	<b>2626</b>	<b>2832</b>	<b>3046</b>	<b>3267</b>



Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	IMR 4350	62.9	2800	3046
<b>Hunting Load</b>	IMR 4831	68.4	2900	3267

# 300 H&H MAGNUM

Bullet Caliber Weight Type						C.O.A.L.
	#2210	.308"	190gr.	HPBT MatchKing		3.655"
Powder ∨	Velocity >	2500	2600	2700	2800	2900
IMR 3031		47.9	50.5	53.1		
IMR 4895		49.6	52.2	54.8	57.4	
IMR 4064		50.8	53.2	55.6	58.0	
IMR 4320		50.0	52.7	55.4	58.1	
H380		54.2	56.8	59.4	62.0	
IMR 4350		56.5	58.7	60.9	63.1	65.3
IMR 4831		59.0	61.3	63.6	65.9	68.2
H4831		62.2	64.5	66.8	69.1	71.4
<b>Energy Ft. lbs</b>		<b>2636</b>	<b>2851</b>	<b>3075</b>	<b>3307</b>	<b>3547</b>
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
<b>Accuracy Load</b>	H4831	69.1	2800	3307		
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>						

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# 300 H&H MAGNUM

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2165	.308"	200gr.	SBT	3.600"
	#2230	.308"	200gr.	HPBT MatchKing	3.655"

Powder ▾	Velocity >	2400	2500	2600	2700	2800
IMR 3031		47.2	49.7	52.2		
IMR 4895		49.4	51.8	54.3	56.7	
IMR 4064		50.0	52.5	54.9	57.4	
IMR 4320		49.7	52.2	54.7	57.2	
H380		54.0	56.4	58.8	61.2	
IMR 4350		56.0	58.2	60.4	62.6	64.8
IMR 4831		58.5	60.8	63.1	65.4	67.7
H4831		61.5	63.9	66.3	68.6	71.0
<b>Energy Ft. lbs</b>		<b>2558</b>	<b>2775</b>	<b>3002</b>	<b>3237</b>	<b>3481</b>



  

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	H4831	68.6	2700	3237
<b>Hunting Load</b>	H4831	71.0	2800	3481

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# 300 H&H MAGNUM

Bullet	Caliber	Weight	Type	C.O.A.L.
	#2240	.308"	220gr. HPBT MatchKing	3.655"*
	#2180	.308"	220gr. RN	3.550"

\*requires 1 x 10" twist or faster twist

Powder	Velocity	2300	2400	2500	2600	2700
IMR 3031		46.0	48.5	51.0		
IMR 4895		48.1	50.4	52.7	55.0	57.3
IMR 4064		48.3	50.5	52.8	55.0	
IMR 4320		48.4	50.8	53.2	55.5	57.9
H380		51.4	54.0	56.7	59.3	
IMR 4350		53.3	55.8	58.3	60.7	63.2
IMR 4831		55.7	58.3	60.9	63.4	66.0
H4831		59.8	62.1	64.3	66.6	68.8
<b>Energy Ft. lbs</b>		<b>2584</b>	<b>2813</b>	<b>3053</b>	<b>3302</b>	<b>3561</b>

Special Load	Powder	Grains	Velocity fps	Energy Ft. lb
<b>Accuracy Load</b>	H4831	66.6	2600	3302
<b>Hunting Load</b>	H4831	66.6	2600	3302

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