

300 PRC

Test Specifications:

Firearm Used: Universal Receiver

Barrel Length: 24"

Twist: 1x8.5"

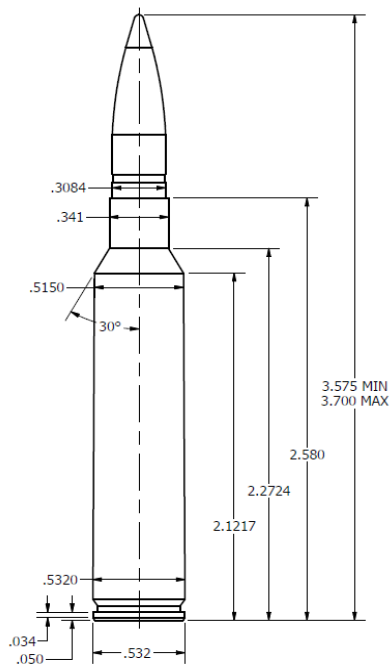
Components:

Case: Hornady

Trim-to-Length: 2.565"

Primer: Federal 215

Remarks:



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

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300 PRC

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2165	.308"	200gr.	SBT	3.450"
	#2230	.308"	200gr.	HPBT	3.450"
	#2231	.308"	200gr.	HPBT-CN	3.640" **
	#9240	.308"	210gr.	HPBT	3.590" *
* requires a 1x10" twist or faster					
** requires a 1x9" twist or faster					

Powder	v	Velocity >	2600	2700	2800	2850	2900	2925	2950
R 23			65.5	68.3	71.2	72.7			
IMR 7828 SC			67.2	69.8	72.4	73.7			
R 25			70.5	73.1	75.7	77.2	78.5		
N565			70.4	73.0	75.6	76.9			
H1000			70.5	73.2	75.9	77.3	78.6		
RS Magnum				74.5	77.9	79.6	81.2	82.1	
Staball HD			75.5	76.8	80.2	81.8			
IMR 8133			74.3	76.5	78.7				
N570			72.8	75.1	77.4	78.5	79.6	80.3	81.0

Energy Ft. Lbs	3152	3399	3655	3787	3921	3989	4057
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Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	N570	80.3	2925	3989
Hunting Load	RS Magnum	82.1	2925	3989

Sierra does not recommend MatchKing bullets for hunting applications.



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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2210	.308"	190gr.	HPBT	3.430"
	#7795	.308"	195gr.	TMK	3.600" *

* requires a 1x10" twist or faster

Powder	v	Velocity >	2700	2800	2900	2950	3000	3025	3050
4955 END			65.0	67.8					
R 23			67.9	70.4	72.9	74.2	75.4		
IMR 7828 SC			68.5	71.3	74.0	75.3			
R 25			73.3	75.5	77.7	78.8	79.9	80.5	
N565			71.9	74.7	77.5	78.9			
H1000			72.4	75.2	78.0	79.4	80.8		
RS Magnum				77.0	80.0	81.5	83.1	83.9	84.7
Staball HD			76.5	79.3	82.2	83.7			
IMR 8133			76.5	78.7	80.7	81.8			
N570			74.6	77.3	80.0	81.3	82.6	83.3	
Energy Ft. Lbs			3156	3394	3641	3767	3896	3961	4027

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	RE 23	75.4	3000	3896
Hunting Load	N570	83.3	3025	3961

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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2240	.308"	220gr.	HPBT	3.575" *
* requires a 1x10" twist or faster					

Powder	v	Velocity >	2500	2550	2600	2700	2750	2800	2850
R 23				63.6	65.2	68.4	70.0		
IMR 7828 SC				65.5	67.0	70.0	71.5		
R 25				68.2	69.8	72.9	74.4	76.0	
N565				68.0	69.5	72.5	74.0	75.5	
H1000				69.2	70.7	73.6	75.1	76.5	
RS Magnum					72.3	75.6	77.3	79.2	80.7
Staball HD		73.0	74.4	75.9	78.7	80.1	81.2		
IMR 8133		72.0	73.2	74.4	76.7	77.7			
N570				72.0	74.8	76.2	77.5	78.7	
Energy Ft. Lbs			3053	3176	3302	3561	3694	3829	3967

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	R 23	70.0	2750	3694

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300 PRC

	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2251	.308"	230gr.	HPBT	3.700" *
* requires a 1x8" twist or faster					

Powder	v	Velocity >	2450	2500	2600	2700	2750	2800	2850
R-25				70.1	72.7	75.3	76.6	77.9	
N565				69.6	72.3	75.1	76.5		
H 1000				69.2	72.0	74.8	76.3		
RS Magnum					73.2	76.7	78.5	80.2	
Staball HD		73.1	75.5	77.8	79.0	80.1			
IMR 8133		72.6	74.8	76.5	78.2				
N570				73.9	76.7	78.1	79.5	80.9	
US869		81.0	82.4	85.2	88.0				
Energy Ft. Lbs			3065	3191	3452	3722	3862	4003	4147

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	R-25	77.9	2800	4003

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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2275	.308"	175gr.	HPBT	3.370"
	#7775	.308"	175gr.	TMK	3.490"
	#2277	.308"	177gr.	HPBT	3.440"
	#2160	.308"	180gr.	SBT	3.350"
	#4680	.308"	180gr.	TGK	3.450"

Powder	v	Velocity >	2800	2900	3000	3050	3100	3125	3150
4955 END			65.9	68.8					
R 23			69.6	71.8	74.0	75.1	76.2	76.8	
IMR 7828 SC			71.4	73.8	76.2	77.3			
R 25			75.2	77.5	79.8	81.0	82.1	82.8	83.4
N565			73.6	76.1	78.6	79.8	81.1		
H1000			74.7	77.2	79.7	80.9	82.1	82.7	
RS Magnum			76.5	79.4	82.3	83.8	85.2		
Staball HD			79.7	82.5	85.2				
IMR 8133			76.5	79.3	82.0				
N570			75.9	78.7	81.5				

Energy Ft. Lbs	3133	3361	3597	3717	3840	3902	3965
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Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	N565	81.1	3100	3840
Hunting Load	RS Magnum	85.2	3100	3840

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LOADS FOR NEW #4610 210 TGK

Sierra Reloading Manual Sixth Edition

300 PRC

Bullet	Caliber	Weight	Type	C.O.A.L.
#4610	.308"	210gr.	TGK	3.575" *

* requires a 1x10" twist or faster

Powder	v	Velocity >	2700	2750	2800	2850	2900	2925	2950
IMR 4831		69.1	70.6	72.1					
H4831sc		69.4	70.9	72.4	73.8				
R 23		69.6	71.0	72.3	73.6	74.9			
IMR 7828ssc		70.0	71.4	72.8	74.2				
N565		74.1	75.4	76.7	77.9	79.2	79.8		
R 25		74.9	76.1	77.3	78.5	79.6	80.2	80.8	
N170		75.9	77.6	79.3	81.0				
7977 end		75.2	76.6	78.0	79.4	80.7			
R 26		70.6	71.9	73.1	74.4	75.7	76.3		
H 1000		74.2	75.5	76.8	78.1	79.4			
RS Magnum		75.4	77.0	78.5	80.0	81.6	82.4	83.2	
Retumbo		75.3	76.8	78.2	79.7	81.1	81.9		
Staball HD		78.4	79.9	81.4	82.9	84.3			
IMR 8133		76.4	77.7	79.0	80.4				
N570		76.4	77.8	79.2	80.6	82.0	82.7	83.4	

Energy Ft. Lbs	3399	3526	3655	3787	3921	3989	4057
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Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	IMR 4831	72.1	2800	3655
Hunting Load	R 26	76.3	2925	3989

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	Bullet	Caliber	Weight	Type	C.O.A.L.
	#2140	.308"	165 gr.	HPBT	3.325"
	#2145	.308"	165 gr.	SBT	3.340"
	#4665	.308"	165 gr.	TGK	3.485"
	#2200	.308"	168 gr.	HPBT	3.340"
	#7768	.308"	168 gr.	TMK	3.460"
	# 2269	.308"	169gr.	MK	3.530"

Powder	v	Velocity >	2900	3000	3050	3100	3150	3200	3225
4955 END			68.0	70.6	71.9	73.2			
R 23			72.7	74.9	76.0	77.1	78.2	79.3	79.9
IMR 7828 SC			73.6	76.1	77.3	78.5	79.7	80.9	
R 25			78.5	80.8	82.0	83.1	84.2	85.4	86.0
N565			77.9	80.4	81.6	82.9	84.1	85.3	
H1000			77.8	80.1	81.3	82.4	83.6	84.7	85.3
RS Magnum			80.9	83.2	84.3	85.4	86.5		
Staball HD			81.5	84.9	86.5				
Energy Ft. Lbs			3155	3377	3490	3606	3723	3842	3902

Special Load	Powder	Grains	Velocity fps	Energy Ft. Lbs
Accuracy Load	R 23	79.9	3225	3902
Hunting Load	H1000	85.3	3225	3902

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