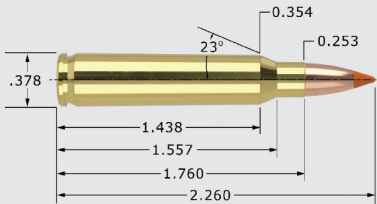


Cartridge

223 Rem - 34/35 grain

Version 9.0

NOSLER®



223 Rem - 34/35 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.				2.260"	TESTED O.A.C.L.	B.C.	S.D.	
Nosler®		C&D	34gr. FBHP		2.080"	0.113	0.097	
Ballistic Tip® Lead-Free		BTLF	35gr. Spitzer		2.260"	0.201	0.100	
CASE TYPE:	Nosler		PRIMER TYPE			Rem 7 1/2		
CASE HOLDS:	28.2	Gr. WATER	BARREL Length/Make			24" Lilja		
			BARREL Twist			1-12"		
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.			LOAD DENSITY (VOLUME)		
AA 5744	21.5	MAX.	3576				88%	
	20.5		3452				84%	
	19.5	*	3328				79%	
RL7	23.5	MAX.	3738				91%	
	22.5		3622				87%	
	21.5	*	3505				83%	
H322	26.0	MAX.	3803				100%	
	25.0		3737				96%	
	24.0	*	3672				92%	
TAC	28.5	MAX.	3829	**			103%	
Most Accurate	27.5	*	3773				99%	
Powder Tested	26.5		3717				95%	
IMR 4198	22.5	* MAX.	3848				93%	
	21.5		3689				88%	
	20.5		3530				84%	
N133	25.5	MAX.	3849	**			105%	
	24.5	*	3656				**	101%
	23.5		3463				97%	
H335	27.5	MAX.	3850				99%	
	26.5	*	3751				95%	
	25.5		3651				92%	
X-Terminator	28.0	MAX.	3887	**			102%	
	27.0	*	3803				98%	
	26.0		3720				95%	
RL10x	25.0	MAX.	3892				100%	
	24.0	*	3710				96%	
	23.0		3528				92%	
AA 2230	28.5	MAX.	3920	**			103%	
	27.5		3847				100%	
	26.5	*	3775				96%	

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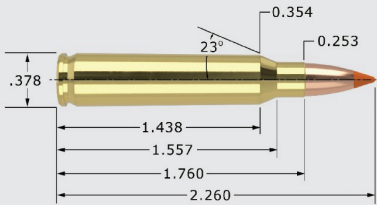
* = Most accurate load tested
** = Compressed load

Cartridge

223 Rem - 40 grain

Version 9.0

NOSLER®



223 Rem - 40 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.			2.260"	TESTED O.A.C.L.	B.C.	S.D.
Ballistic Tip® Lead-Free	BTLF	40gr. Spitzer		2.260"	0.220	0.114
Ballistic Tip® Varmint	BTV	40gr. Spitzer		2.260"	0.221	0.114
Varmageddon®	VMG	40gr. FB Tipped		2.225"	0.211	0.114
CASE TYPE:	Nosler		PRIMER TYPE		Rem 7 1/2	
CASE HOLDS:	29.2	Gr. WATER	BARREL Length/Make		24" Lilja	
			BARREL Twist		1-12"	
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.		LOAD DENSITY (VOLUME)	
Varget	27.0	MAX. 3383			100%	
	26.0	3247			96%	
	25.0	* 3111			93%	
W748	28.0	* MAX. 3547			100%	
Most Accurate	27.0	3426			96%	
Powder Tested	26.0	3304			93%	
H322	25.0	MAX. 3570			93%	
	24.0	3437			89%	
	23.0	* 3304			85%	
RL7	23.5	* MAX. 3614			87%	
	22.5	3492			84%	
	21.5	3370			80%	
PP Varmint	29.0	MAX. 3642			100%	
	28.0	3476			97%	
	27.0	* 3311			93%	
H335	27.5	* MAX. 3681			96%	
	26.5	3544			92%	
	25.5	3406			89%	
IMR 4198	23.0	MAX. 3682			91%	
	22.0	3492			87%	
	21.0	* 3302			83%	
AA 2015	25.5	MAX. 3796			99%	
	24.5	3627			95%	
	23.5	* 3458			91%	
N120	23.5	MAX. 3810			98%	
	22.5	3677			94%	
	21.5	* 3543			90%	
Benchmark	28.0	* MAX. 3867			**	104%
	27.0	3738				100%
	26.0	3609				96%

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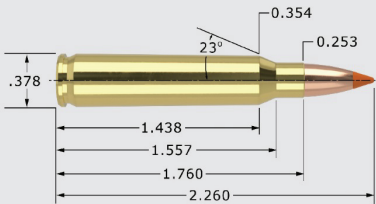
** = Compressed load

Cartridge

223 Rem - 50/52/53 grain

Version 9.0

NOSLER®



223 Rem - 50/52/53 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.		2.260"	TESTED O.A.C.L.	B.C.	S.D.
Ballistic Tip® Lead-Free	BT ^{LF}	50gr. Spitzer	2.260"	0.251	0.142
Ballistic Tip® Varmint	BT ^V	50gr. Spitzer	2.260"	0.238	0.142
Nosler®	CG ^D	50gr. FBHP	2.200"	0.192	0.142
Nosler®	CG ^D	50gr. FBSP	2.230"	0.195	0.142
Varmageddon®	VM ^G	50gr. FB Tipped	2.260"	0.227	0.142
Custom Competition®	CC	52gr. HPBT	2.260"	0.220	0.148
Varmageddon®	VM ^G	53gr. FB Tipped	2.260"	0.303	0.152

CASE TYPE:	Nosler		PRIMER TYPE	Rem 7 1/2
CASE HOLDS:	27.5	Gr. WATER	BARREL Length/Make	24" Lilja
			BARREL Twist	1-12"

POWDER TYPE	POWDER CHG. GRS.	MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
Varget	26.0 * MAX.	3220	** 102%
	25.0	3092	98%
	24.0	2963	94%
IMR 4198	22.0 * MAX.	3230	93%
	21.0	3110	89%
	20.0	2990	84%
W748	26.5 * MAX.	3260	100%
	25.5	3150	97%
	24.5	3040	93%
H335	26.0 MAX.	3260	96%
	25.0	3170	92%
	24.0 *	3080	89%
PP Varmint	27.0 MAX.	3262	99%
	26.0	3119	96%
	25.0 *	2977	92%
CFE 223	29.0 MAX.	3379	** 105%
	28.0	3233	** 102%
	27.0 *	3088	98%
TAC	27.0 MAX.	3379	100%
	26.0	3267	96%
	25.0 *	3156	92%
N133	25.0 MAX.	3412	** 106%
	24.0	3301	** 101%
	23.0 *	3190	97%
AA 2460	28.0 MAX.	3497	** 103%
	27.0	3391	99%
	26.0 *	3285	96%
Benchmark	26.5 MAX.	3540	** 104%
Most Accurate	25.5 *	3412	100%
Powder Tested	24.5	3285	96%

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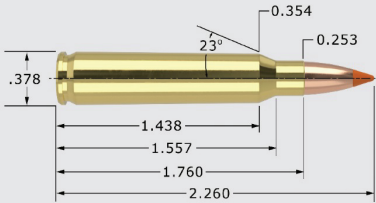
** = Compressed load

Cartridge

223 Rem - 55 grain

Version 9.0

NOSLER®



223 Rem - 55 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.		2.260"	TESTED O.A.C.L.	B.C.	S.D.
Ballistic Tip® Varmint	BTV	55gr. Spitzer	2.260"	0.267	0.157
Expansion Tip®	ET	55gr. Spitzer	2.250"	0.305	0.157
Due to internal construction differences, always begin with starting loads when using Expansion Tip® products. 55 grain E-Tip® requires a minimum 1-10" twist rate to reliably stabilize.					
Nosler®	C&D	55gr. FBHP	2.260"	0.210	0.157
Nosler®	C&D	55gr. FBSP	2.260"	0.218	0.157
Varmageddon®	VMG	55gr. FB Tipped	2.260"	0.255	0.157

CASE TYPE:	Nosler	PRIMER TYPE	Rem 7 1/2
CASE HOLDS:	27.4 Gr. WATER	BARREL Length/Make	24" Lilja
		BARREL Twist	1-12"

POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
Varget	25.0	MAX.	3037	99%
	24.0		2921	95%
	23.0	*	2805	91%
	25.0	* MAX.	3140	93%
H335	24.0		3030	89%
	23.0		2920	85%
	26.0	* MAX.	3140	96%
PP Varmint	25.0		3018	92%
	24.0		2897	88%
	26.0	MAX.	3140	99%
W748	25.0		3060	95%
	24.0	*	2980	91%
	21.0	* MAX.	3149	93%
N120	20.0		3020	89%
	19.0		2892	85%
	25.5	* MAX.	3178	101%
IMR 4895	24.5		3083	97%
	23.5		2988	93%
	25.0	MAX.	3195	106%
N135	24.0		3091	102%
	23.0	*	2987	98%
	26.0	MAX.	3243	96%
TAC	25.0		3082	93%
	24.0	*	2920	89%
	28.0	* MAX.	3292	102%
CFE 223	27.0		3155	99%
	26.0		3018	95%
	25.0	* MAX.	3308	99%
Benchmark	24.0		3182	95%
	23.0		3056	91%

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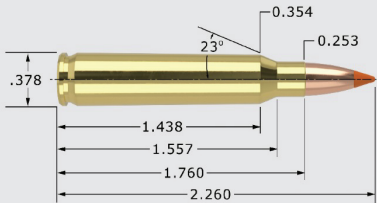
** = Compressed load

Cartridge

223 Rem - 60/62 grain

Version 9.0

NOSLER®



223 Rem - 60/62 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.		2.260"	TESTED O.A.C.L.	B.C.	S.D.
Ballistic Tip® Varmint	BTV	60gr. Spitzer	2.260"	0.270	0.171
Partition®	PT	60gr. Spitzer	2.260"	0.228	0.171
Varmageddon®	VMG	62gr. FBHP	2.180"	0.251	0.176

CASE TYPE:	Nosler	PRIMER TYPE	Rem 7 1/2
CASE HOLDS:	27.6	Gr. WATER	BARREL Length/Make
		BARREL Twist	26" Pac-Nor
			1-7"

POWDER TYPE	POWDER CHG. GRS.	MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
Varget	24.5 MAX. 2990		96%
	23.5 * 2877		92%
	22.5 2764		88%
AA 2460	23.0 * MAX. 3017		84%
	22.0 2906		81%
	21.0 2794		77%
RL15	25.5 * MAX. 3063		96%
	24.5 2929		92%
	23.5 2794		89%
TAC	24.5 MAX. 3070		90%
	23.5 * 2965		86%
	22.5 2861		83%
H322	23.5 * MAX. 3070		92%
	22.5 2966		88%
	21.5 2863		84%
H335	25.0 * MAX. 3105		92%
	24.0 3008		88%
	23.0 2912		85%
IMR 4895	25.5 * MAX. 3126		101%
	24.5 2990		97%
	23.5 2855		93%
H4895	25.5 * MAX. 3134	**	102%
	24.5 3050		98%
	23.5 2965		94%
Benchmark	23.5 MAX. 3141		92%
Most Accurate	22.5 * 3039		88%
Powder Tested	21.5 2937		84%
CFE 223	27.0 * MAX. 3152		98%
	26.0 3037		94%
	25.0 2922		91%

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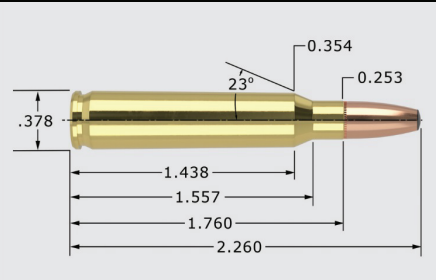
** = Compressed load

Cartridge

223 Rem - 64 grain

Version 9.0

NOSLER®



223 Rem - 64 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.			2.260"	TESTED O.A.C.L.	B.C.	S.D.
Bonded Solid Base®			 64gr. PPT	2.175"	0.231	0.182
CASE TYPE:	Nosler		PRIMER TYPE			WMSR #41
CASE HOLDS:	27.0	Gr. WATER	BARREL Length/Make			24" H-S Prec.
			BARREL Twist			1-12"
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.		LOAD DENSITY (VOLUME)	
IMR 4895	25.0	* MAX.	2894		101%	
	24.0		2771		97%	
	23.0		2648		93%	
Varget	25.0	* MAX.	2899		100%	
	24.0		2779		96%	
	23.0		2658		92%	
Benchmark	23.0	* MAX.	2907		92%	
	22.0		2837		88%	
	21.0		2768		84%	
H322	22.5	MAX.	2919		90%	
	21.5	*	2823		86%	
	20.5		2727		82%	
CFE 223	26.0	* MAX.	2933		96%	
Most Accurate	25.0		2783		93%	
Powder Tested	24.0		2634		89%	
RL15	25.0	* MAX.	2933		96%	
	24.0		2789		93%	
	23.0		2646		89%	
H335	24.5	MAX.	2945		92%	
	23.5	*	2834		88%	
	22.5		2723		85%	
TAC	24.5	* MAX.	2981		92%	
	23.5		2885		88%	
	22.5		2789		85%	
AA 2460	23.5	MAX.	2989		88%	
	22.5		2871		84%	
	21.5	*	2752		80%	
H4895	24.0	MAX.	2993		98%	
	23.0		2858		94%	
	22.0	*	2724		90%	

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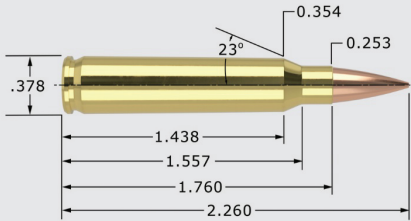
** = Compressed load

Cartridge

223 Rem - 69/70 grain

Version 9.0

NOSLER®



223 Rem - 69/70 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.			2.260"	TESTED O.A.C.L.	B.C.	S.D.
Custom Competition®			CC 69gr. HPBT	2.260"	0.305	0.196
AccuBond®			AB 70gr. Spitzer	2.260"	0.370	0.199
Reduced Drag Factor™			RDF 70gr. HPBT	2.260"	0.416	0.199
CASE TYPE:			Nosler	PRIMER TYPE		WSR
CASE HOLDS:			27.5 Gr. WATER	BARREL Length/Make		20" Pac-Nor
				BARREL Twist		1-7'
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)		
RL15	24.5	MAX.	2786	93%		
	23.5	*	2641	89%		
	22.5		2495	85%		
N540	25.5	MAX.	2807	** 103%		
	24.5		2639	99%		
	23.5	*	2470	95%		
IMR 4895	23.5	MAX.	2809	93%		
	22.5	*	2666	89%		
	21.5		2522	85%		
H4895	24.0	MAX.	2810	96%		
	23.0		2669	92%		
	22.0	*	2528	88%		
TAC	24.5	MAX.	2826	90%		
	23.5		2686	87%		
	22.5	*	2546	83%		
Varget	25.0	MAX.	2845	98%		
	24.0		2729	94%		
	23.0	*	2613	90%		
N135	23.5	MAX.	2854	99%		
	22.5		2731	95%		
	21.5	*	2607	91%		
H335	24.0	MAX.	2862	89%		
	23.0		2738	85%		
	22.0	*	2614	81%		
AA 2230	23.5	* MAX.	2866	87%		
Most Accurate	22.5		2791	83%		
Powder Tested	21.5		2716	80%		
W748	26.0	MAX.	2957	98%		
	25.0		2840	95%		
	24.0	*	2723	91%		

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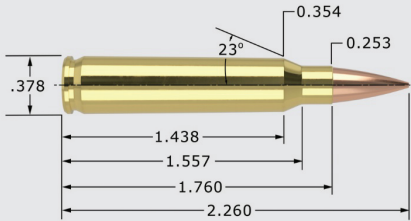
* = Most accurate load tested
** = Compressed load

Cartridge

223 Rem - 77/80 grain

Version 9.0

NOSLER®



223 Rem - 77/80 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.			2.260"	TESTED O.A.C.L.	B.C.	S.D.
Custom Competition®	CC	77gr. HPBT		2.260"	0.340	0.219
Reduced Drag Factor™	RDF	77gr. HPBT		2.260"	0.454	0.219
Custom Competition®	CC	80gr. HPBT		2.260"	0.415	0.228
CASE TYPE:	Nosler		PRIMER TYPE			WSR
CASE HOLDS:	26.5	Gr. WATER	BARREL Length/Make			20" Pac-Nor
			BARREL Twist			1-7"
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)		
AA 2015	21.0	MAX.	2554	90%		
	20.0	*	2449	86%		
	19.0		2344	81%		
H335	23.0	MAX.	2592	88%		
	22.0	*	2479	84%		
	21.0		2367	80%		
N540	24.5	MAX.	2600	** 103%		
	23.5	*	2474	99%		
	22.5		2348	94%		
W748	24.0	MAX.	2604	94%		
	23.0	*	2494	90%		
	22.0		2385	86%		
N140	23.5	MAX.	2635	** 103%		
	22.5	*	2529	99%		
	21.5		2423	94%		
Varget	24.0	MAX.	2655	98%		
	23.0		2553	94%		
	22.0	*	2451	90%		
TAC	23.5	MAX.	2656	90%		
	22.5	*	2534	86%		
	21.5		2411	82%		
IMR 4064	23.5	MAX.	2667	98%		
	22.5	*	2567	94%		
	21.5		2466	90%		
RL15	24.0	MAX.	2686	94%		
Most Accurate	23.0	*	2563	90%		
Powder Tested	22.0		2440	86%		
H4895	23.5	* MAX.	2697	97%		
	22.5		2585	93%		
	21.5		2473	89%		

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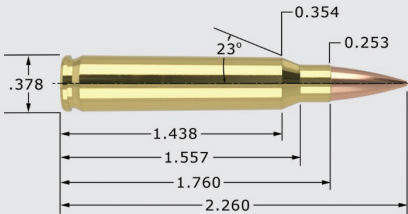
* = Most accurate load tested
** = Compressed load

Cartridge

223 Rem - 85 grain

Version 9.0

NOSLER®



223 Rem - 85 grain

22 Cal. (.224")

MAXIMUM SAAMI O.A.C.L.				2.260"	TESTED O.A.C.L.	B.C.	S.D.
Reduced Drag Factor™		RDF	85gr. HPBT	2.260"		0.498	0.242
CASE TYPE:	Nosler		PRIMER TYPE			WSR	
CASE HOLDS:	24.7	Gr. WATER	BARREL Length/Make			24" PAC-NOR	
			BARREL Twist			1-7"	
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.			LOAD DENSITY (VOLUME)	
AA 2015	20.0	MAX.	2384				92%
	19.0	*	2236				87%
	18.0		2088				83%
H335	22.0	* MAX.	2525				90%
	21.0		2395				86%
	20.0		2265				82%
TAC	22.0	* MAX.	2541				90%
	21.0		2432				86%
	20.0		2323				82%
W748	23.0	* MAX.	2542				97%
	22.0		2392				93%
	21.0		2242				89%
Varget	22.0	MAX.	2571				96%
	21.0	*	2485				92%
	20.0		2399				88%
N540	23.0	MAX.	2577	**			103%
	22.0	*	2495				99%
	21.0		2413				94%
IMR 4064	22.5	* MAX.	2597				101%
	21.5		2447				96%
	20.5		2297				92%
RL15	23.5	* MAX.	2608				99%
	22.5		2472				95%
	21.5		2336				91%
H4895	22.0	* MAX.	2622				98%
Most Accurate Powder Tested	21.0		2491				93%
	20.0		2360				89%
CFE 223	24.0	MAX.	2654				97%
	23.0	*	2527				93%
	22.0		2399				89%

All cartridge measurements are SAAMI maximum and due to variations from manufacturers actual measurements may vary
* Because Nosler, Inc. has no control over the actual components selected, the manner in which they are assembled or the condition of the firearm used, no responsibility, either expressed or implied is assumed for the use of this data.
In no event shall Nosler, Inc. be liable for any damages resulting from the use of this data.*

* = Most accurate load tested
** = Compressed load