

CARTRIDGE: .308 Win. (SAAMI)

Bullet: .308, 160, Flatline

Useable Case Capacity: 46.357 grain H₂O = 3.010 cm³

Cartridge O.A.L. L6: 2.850 inch = 72.39 mm

Barrel Length: 28.0 inch = 711.2 mm



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Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 54250 psi, or 374 Mpa

These calculations refer to your specified settings in QuickLOAD 'Cartridge Dimensions' window.

CAUTION: any load listed can result in a powder charge that falls below minimum suggested loads or exceeds maximum suggested loads as presented in current handloading manuals. Understand that all of the listed powders can be unsuitable for the given combination of cartridge, bullet and gun. Actual load order can vary, depending upon lot-to-lot powder and component variations. While none of the following loads should yield pressure signs, we recommend a 2 to 3 grain reduction in the load prior to starting your ladder test(s) **USE ONLY FOR COMPARISON**

Type	mc (gr)	fill (%)	vel (fps)	Pmax (psi)	Z (%)	t (ms)	Pmuz (psi)
Hodgdon CFE223	46.9576	99.0000	3011.5508	54250.1842	97.7285	1.2062	6207.0237
Winchester 748	44.4536	97.0000	3001.7234	54250.1842	99.1741	1.2099	5946.4908
Hodgdon BL-C2	46.2795	99.0000	2999.7179	54250.1842	98.4736	1.2179	6131.4630
Accurate 2520	44.8939	100.0000	2980.7208	54250.1842	99.5690	1.2290	5807.0257
Ramshot Wild Boar	45.2083	99.0000	2968.0021	54250.1842	97.2542	1.2201	5998.8970
Somchem S321	44.1600	96.0000	2956.3328	54250.1842	98.6987	1.2305	5876.1828
Hodgdon H4895	42.7337	100.0000	2955.9520	53288.6142	97.7653	1.2354	5966.2163
PB Clermont PCL 507	43.6146	98.0000	2955.7724	54250.1842	98.5001	1.2246	5840.1285
Accurate 2495	41.8047	100.0000	2945.5068	51674.8456	100.0000	1.2759	5553.5630
ADI AR 2206H	42.7337	100.0000	2940.3694	52946.4396	97.1203	1.2410	5941.4756
Somchem S341	45.9267	100.0000	2937.2347	54250.1842	97.1051	1.2228	5762.5309
Lovex D073.6	44.0343	100.0000	2927.2438	50907.4342	99.2644	1.2614	5750.7741
Accurate 2460	43.5035	95.0000	2927.0809	54250.1842	99.1028	1.2463	5608.6652
Lovex D073.5	43.5035	95.0000	2927.0809	54250.1842	99.1028	1.2463	5608.6652
Rottweil R901	40.4870	100.0000	2919.5325	54250.1842	99.7298	1.2573	5528.8587
SNPE Vectan SP 7	45.6557	100.0000	2918.9870	54250.1842	94.9255	1.2380	5823.2100
SNPE Vectan SP 9	44.1272	100.0000	2913.7703	51795.3261	96.7957	1.2471	5856.5298
Norma 202	42.0370	100.0000	2913.6191	51729.5165	99.6667	1.2529	5602.4493
Lovex D073.4	42.6529	93.0000	2911.8180	54250.1842	99.0369	1.2440	5509.4665
Ramshot TAC	45.1746	98.0000	2909.9852	54250.1842	94.2802	1.2353	5837.0063
Accurate 2230	43.5157	94.0000	2907.7870	54250.1842	97.9221	1.2414	5582.0677
PB Clermont PCL 516	45.5207	100.0000	2896.9136	51413.7669	94.3673	1.2511	5886.9520
IMR 4895	42.7337	100.0000	2895.7704	48239.3169	96.2617	1.2799	6015.0555
Accurate 2015	39.6451	97.0000	2895.5454	54250.1842	100.0000	1.2482	5059.3773
IMR 3031	39.9467	100.0000	2887.0008	46346.0203	99.9467	1.2865	5563.6415
Norma 200	37.7161	90.0000	2884.8678	54250.1842	100.0000	1.2602	4952.8407
Norma 201	41.8047	100.0000	2881.6837	51156.8954	98.0582	1.2752	5682.4531
Ramshot Big Game	45.5207	100.0000	2874.1603	47155.3967	95.4016	1.2790	5946.9996

ReloadSwiss RS 52	44.1272	100.0000	2872.5733	44997.1850	97.3801	1.2968	5994.6460
Alliant Reloder-15	42.7337	100.0000	2857.6200	47245.2673	95.2091	1.2945	5888.4195
Raufoss RA11	42.7337	100.0000	2857.6200	47245.2673	95.2091	1.2945	5888.4195
Vihtavuori N540	43.1982	100.0000	2855.7149	48168.7501	99.2606	1.2832	5629.8172
Norma 203B	42.7337	100.0000	2846.5514	46340.4932	95.6882	1.3031	5868.2823
Rottweil R902	41.2009	100.0000	2821.3580	48326.6770	97.5043	1.3070	5525.5089
Lovex S062	41.5725	100.0000	2805.2167	46072.9122	97.1121	1.3209	5575.3616
Accurate 4064	41.8047	100.0000	2792.9260	42796.1853	98.9824	1.3668	5629.8422
IMR 4320	42.0370	100.0000	2791.4935	45169.6784	94.8262	1.3075	5578.6241
SNPE Vectan SP 11	44.1272	100.0000	2790.3657	42668.4405	94.1416	1.3310	5835.1082
Hodgdon H380	43.6627	100.0000	2790.0176	45030.6446	92.6364	1.3260	5754.9174
Norma 203 old	43.1982	100.0000	2787.6434	42672.8280	95.8997	1.3481	5790.0602
Bofors RP3	43.1982	100.0000	2787.6434	42672.8280	95.8997	1.3481	5790.0602
ReloadSwiss RS 50	44.4523	100.0000	2772.6623	46456.9561	90.6071	1.3159	5580.9495
Alliant Reloder-17	44.8239	100.0000	2753.4434	39235.3691	92.8876	1.3647	6083.5413
Elcho 17	44.8239	100.0000	2753.4434	39235.3691	92.8876	1.3647	6083.5413
ReloadSwiss RS 60	44.8239	100.0000	2739.9702	38407.1547	93.4180	1.3753	6167.6853
IMR 4064	40.3648	100.0000	2735.0317	43990.3688	94.1944	1.3408	5379.7614
Somchem S355	41.8047	100.0000	2727.2673	41251.9312	94.7425	1.3733	5577.4259
Hodgdon H414	45.1955	100.0000	2717.7327	40338.9659	86.8230	1.3636	5755.3364
Winchester 760	45.1955	100.0000	2717.7327	40338.9659	86.8230	1.3636	5755.3364
Rottweil R903	42.2692	100.0000	2715.1293	39795.2429	94.5708	1.3872	5594.2114
IMR 4007 SSC	43.3375	100.0000	2701.1000	44092.3760	87.7308	1.3526	5409.7539
Vihtavuori N135	38.7390	100.0000	2680.7333	39082.9775	99.4431	1.3987	5042.5933
Vihtavuori N550	43.6627	100.0000	2672.8480	37078.5229	89.7916	1.4094	5720.8430
PB Clermont PCL 511	45.5207	100.0000	2655.1839	37612.4410	86.4583	1.4024	5660.6549
Accurate 2700	44.5917	100.0000	2651.3950	44508.2424	87.2985	1.3600	5065.0264
Bofors RP7	41.9441	100.0000	2614.1911	40053.5238	86.0371	1.4074	5210.0189
Rottweil R907	41.9441	100.0000	2614.1911	40053.5238	86.0371	1.4074	5210.0189
Lovex S065	41.8047	100.0000	2596.9902	38010.5246	88.4580	1.4341	5225.4745
Norma URP	42.2692	100.0000	2583.9914	34052.3280	88.0163	1.4572	5449.3123
ReloadSwiss RS 62	44.7775	100.0000	2583.3251	33334.6083	86.7357	1.4632	5586.4545