

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: 16.0 inch = 406.4 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	2662.0070	54250.1842	93.3002	0.8559	11698.6846
Winchester 748	44.4536	97.0000	2661.9875	54250.1842	95.8774	0.8590	11453.7301
Hodgdon BL-C2	46.2795	99.0000	2652.1387	54250.1842	94.5507	0.8662	11609.8680
Accurate 2520	44.8939	100.0000	2644.8685	54250.1842	96.7493	0.8758	11302.9657
Ramshot Wild Boar	45.2083	99.0000	2626.0609	54250.1842	92.8413	0.8648	11278.5906
PB Clermont PCL 507	43.6146	98.0000	2619.4993	54250.1842	94.8228	0.8681	11101.0156
Somchem S321	44.1600	96.0000	2618.1343	54250.1842	95.1219	0.8739	11155.4221
Accurate 2495	41.8047	100.0000	2614.3482	51674.8456	99.1897	0.9186	11142.3302
Hodgdon H4895	42.7337	100.0000	2613.6727	53288.6142	93.6108	0.8785	11267.6306
Somchem S341	45.9267	100.0000	2604.7340	54250.1842	92.6951	0.8642	10902.6386
Accurate 2460	43.5035	95.0000	2598.7527	54250.1842	95.9234	0.8866	10832.5520
Lovex D073.5	43.5035	95.0000	2598.7527	54250.1842	95.9234	0.8866	10832.5520
ADI AR 2206H	42.7337	100.0000	2598.7178	52946.4396	92.6937	0.8821	11165.6987
Rottweil R901	40.4870	100.0000	2593.3727	54250.1842	97.3969	0.8968	10768.2007
Lovex D073.6	44.0343	100.0000	2590.0179	50907.4342	95.9770	0.9013	11098.3644
Accurate 2015	39.6451	97.0000	2589.4314	54250.1842	99.6501	0.8858	10166.3313
Lovex D073.4	42.6529	93.0000	2587.8439	54250.1842	95.8516	0.8825	10632.6271
Norma 200	37.7161	90.0000	2583.9424	54250.1842	99.9960	0.8968	9989.6381
SNPE Vectan SP 7	45.6557	100.0000	2583.4354	54250.1842	89.8401	0.8767	10886.4243
Norma 202	42.0370	100.0000	2583.3417	51729.5165	97.0600	0.8914	10808.7026
Accurate 2230	43.5157	94.0000	2581.3802	54250.1842	93.9975	0.8793	10644.8261
SNPE Vectan SP 9	44.1272	100.0000	2574.6259	51795.3261	92.1783	0.8849	10958.9123
Ramshot TAC	45.1746	98.0000	2573.8852	54250.1842	89.1488	0.8728	10812.1234
PB Clermont PCL 516	45.5207	100.0000	2556.5830	51413.7669	88.9875	0.8866	10877.6979
IMR 3031	39.9467	100.0000	2552.6021	46346.0203	97.7670	0.9212	10893.4233
Norma 201	41.8047	100.0000	2547.3868	51156.8954	94.0868	0.9091	10744.0944
IMR 4895	42.7337	100.0000	2546.2056	48239.3169	91.1676	0.9148	11181.5680
Ramshot Big Game	45.5207	100.0000	2526.8426	47155.3967	89.8115	0.9111	11001.7414

Vihtavuori N540	43.1982	100.0000	2520.4743	48168.7501	95.9675	0.9135	10628.7474
ReloadSwiss RS 52	44.1272	100.0000	2520.2078	44997.1850	92.3111	0.9284	11172.6929
Alliant Reloder-15	42.7337	100.0000	2511.9908	47245.2673	89.8152	0.9244	10898.0201
Raufoss RA11	42.7337	100.0000	2511.9908	47245.2673	89.8152	0.9244	10898.0201
Norma 203B	42.7337	100.0000	2500.5563	46340.4932	90.3631	0.9314	10862.1767
Rottweil R902	41.2009	100.0000	2490.2735	48326.6770	93.1995	0.9328	10404.9149
Lovex S062	41.5725	100.0000	2469.8843	46072.9122	92.4534	0.9441	10439.9392
IMR 4320	42.0370	100.0000	2457.1527	45169.6784	89.2742	0.9288	10280.8998
Accurate 4064	41.8047	100.0000	2448.9112	42796.1853	95.0570	0.9878	10734.4816
Hodgdon H380	43.6627	100.0000	2447.0467	45030.6446	86.5634	0.9464	10495.9331
SNPE Vectan SP 11	44.1272	100.0000	2441.9627	42668.4405	87.9790	0.9512	10634.1570
Norma 203 old	43.1982	100.0000	2439.5885	42672.8280	90.3056	0.9680	10679.6000
Bofors RP3	43.1982	100.0000	2439.5885	42672.8280	90.3056	0.9680	10679.6000
ReloadSwiss RS 50	44.4523	100.0000	2438.6078	46456.9561	84.4978	0.9344	10172.1237
IMR 4064	40.3648	100.0000	2406.4593	43990.3688	88.6995	0.9542	9911.4366
Alliant Reloder-17	44.8239	100.0000	2389.1336	39235.3691	85.2001	0.9784	10819.4019
Elcho 17	44.8239	100.0000	2389.1336	39235.3691	85.2001	0.9784	10819.4019
Somchem S355	41.8047	100.0000	2386.2452	41251.9312	88.9467	0.9847	10212.5566
Rottweil R903	42.2692	100.0000	2371.5554	39795.2429	88.4989	0.9966	10251.9443
IMR 4007 SSC	43.3375	100.0000	2371.0342	44092.3760	81.3179	0.9606	9751.7442
ReloadSwiss RS 60	44.8239	100.0000	2370.3666	38407.1547	85.0185	0.9865	10854.0736
Hodgdon H414	45.1955	100.0000	2370.1938	40338.9659	79.4511	0.9730	10245.8794
Winchester 760	45.1955	100.0000	2370.1938	40338.9659	79.4511	0.9730	10245.8794
Vihtavuori N135	38.7390	100.0000	2358.5714	39082.9775	96.1015	1.0045	9664.8245
Accurate 2700	44.5917	100.0000	2336.0199	44508.2424	81.0774	0.9613	9197.8334
Vihtavuori N550	43.6627	100.0000	2321.6012	37078.5229	82.4993	1.0115	10150.6500
PB Clermont PCL 511	45.5207	100.0000	2307.4425	37612.4410	78.6695	1.0019	9946.0526
Bofors RP7	41.9441	100.0000	2287.4825	40053.5238	79.3484	1.0018	9313.3385
Rottweil R907	41.9441	100.0000	2287.4825	40053.5238	79.3484	1.0018	9313.3385
Lovex S065	41.8047	100.0000	2266.6909	38010.5246	81.7142	1.0254	9352.8368
Vihtavuori N150	40.3183	100.0000	2241.3677	35147.2231	88.1203	1.0463	9193.1669
Norma URP	42.2692	100.0000	2240.0413	34052.3280	80.2537	1.0452	9592.1751
ReloadSwiss RS 62	44.7775	100.0000	2231.8643	33334.6083	78.3297	1.0505	9766.8223
Lovex S070	42.2692	100.0000	2224.9843	35767.6380	78.1737	1.0460	9224.0043
Ramshot Hunter	44.1272	100.0000	2220.7927	34162.8570	76.3116	1.0441	9404.0087
Norma 204	44.1272	100.0000	2219.7592	36002.0407	72.7820	1.0236	9024.8543
IMR 4350	42.5014	100.0000	2215.8273	35911.2343	76.4275	1.0311	8875.9109
Accurate 4350	42.7337	100.0000	2208.2315	32022.1537	79.2958	1.0694	9636.8582
Alliant Reloder-16	41.6189	100.0000	2183.5330	31334.2278	78.9338	1.0778	9435.3533
Hodgdon H4350	41.8047	100.0000	2170.0563	34076.5686	75.0255	1.0546	8608.7339
Somchem S365	42.5014	100.0000	2169.9678	30455.1949	81.2989	1.0891	9531.6094
Hodgdon Hybrid 100V	41.3402	100.0000	2159.8872	31643.3853	81.1571	1.0789	8916.7390
Raufoss RA4	42.7337	100.0000	2139.3590	32754.0267	70.5846	1.0654	8539.8849