

CARTRIDGE: .308 Win. (SAAMI)

Bullet: .308, 160, Flatline

Useable Case Capacity: 48.249 grain H₂O = 3.133 cm³

Cartridge O.A.L. L6: 2.950 inch = 74.93 mm

Barrel Length: 30.0 inch = 762.0 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	48.2326	97.0000	3078.3734	54250.1842	98.4147	1.2569	5917.7232
Winchester 748	45.6230	95.0000	3064.0256	54250.1842	99.5619	1.2615	5641.9967
Hodgdon BL-C2	47.4983	98.0000	3063.0957	54250.1842	99.0119	1.2699	5834.0862
Accurate 2520	46.0477	98.0000	3040.5115	54250.1842	99.8322	1.2820	5496.4933
Accurate 2495	43.4737	100.0000	3038.8931	54250.1842	100.0000	1.3036	5260.7114
Hodgdon H4895	44.1352	99.0000	3036.0717	54250.1842	98.5337	1.2778	5709.7174
Ramshot Wild Boar	46.4075	98.0000	3031.6200	54250.1842	97.9549	1.2722	5722.9340
Lovex D073.6	45.8318	100.0000	3027.6062	53426.2539	99.7895	1.2904	5486.0912
ADI AR 2206H	44.2390	99.0000	3027.0263	54250.1842	98.0440	1.2797	5704.6236
Somchem S321	45.3439	95.0000	3019.0149	54250.1842	99.1838	1.2824	5591.1433
PB Clermont PCL 507	44.7861	96.0000	3018.6750	54250.1842	99.0203	1.2763	5558.4214
SNPE Vectan SP 9	45.9285	100.0000	3014.9899	54005.9194	97.9267	1.2777	5650.5805
Norma 202	43.7530	100.0000	3008.8686	53960.6265	99.9623	1.2839	5343.2107
Somchem S341	47.1682	99.0000	3001.1329	54250.1842	97.8378	1.2749	5498.1737
PB Clermont PCL 516	47.3789	100.0000	3001.0951	53695.7502	95.8530	1.2806	5707.8115
IMR 4895	44.4782	100.0000	2999.7944	50385.9663	97.5153	1.3104	5811.1605
Accurate 2460	44.6541	93.0000	2987.7579	54250.1842	99.4975	1.2990	5323.1538
Lovex D073.5	44.6541	94.0000	2987.7579	54250.1842	99.4975	1.2990	5323.1538
SNPE Vectan SP 7	46.9094	98.0000	2985.2608	54250.1842	95.8714	1.2896	5575.6994
IMR 3031	41.5774	100.0000	2982.4304	48526.5561	100.0000	1.3174	5278.1584
Norma 201	43.5112	100.0000	2980.3310	53308.1242	98.9225	1.3056	5462.7258
Ramshot Big Game	47.3789	100.0000	2980.0173	49212.5745	96.8536	1.3093	5754.7090
Rottweil R901	41.5610	98.0000	2979.1389	54250.1842	99.9212	1.3096	5235.3344
ReloadSwiss RS 52	45.9285	100.0000	2978.0925	47089.2346	98.5147	1.3267	5773.4947
Ramshot TAC	46.4324	97.0000	2976.6765	54250.1842	95.2553	1.2866	5597.4517
Lovex D073.4	43.7959	92.0000	2972.6208	54250.1842	99.4467	1.2966	5232.3482
Accurate 2230	44.6948	93.0000	2970.3691	54250.1842	98.5360	1.2938	5317.9694
Alliant Reloder-15	44.4782	100.0000	2961.2236	49314.9514	96.6075	1.3253	5700.8124

Raufoss RA11	44.4782	100.0000	2961.2236	49314.9514	96.6075	1.3253	5700.8124
Vihtavuori N540	44.9616	100.0000	2951.9313	50267.0005	99.7742	1.3169	5394.1664
Accurate 2015	40.6855	96.0000	2950.0320	54250.1842	100.0000	1.3016	4780.8566
Norma 203B	44.4782	100.0000	2949.7953	48412.0592	97.0333	1.3340	5677.1538
Norma 200	38.6949	89.0000	2937.7798	54250.1842	100.0000	1.3143	4682.1236
Rottweil R902	42.8827	100.0000	2919.2594	50354.4003	98.4911	1.3388	5320.2210
Lovex S062	43.2695	100.0000	2904.2721	48065.3784	98.1991	1.3526	5374.4733
SNPE Vectan SP 11	45.9285	100.0000	2895.4970	44490.5696	95.7719	1.3623	5667.0929
Hodgdon H380	45.4451	100.0000	2895.0958	47071.7355	94.3467	1.3569	5598.2991
Accurate 4064	43.5112	100.0000	2893.5678	44999.1379	99.6409	1.3972	5381.0539
Bofors RP3	44.9616	100.0000	2892.6046	44811.9003	97.2865	1.3784	5599.0091
Norma 203 old	44.9616	100.0000	2892.6046	44811.9003	97.2865	1.3784	5599.0091
IMR 4320	43.7530	100.0000	2892.3225	46957.8632	96.2875	1.3395	5409.0180
ReloadSwiss RS 50	46.2669	100.0000	2875.9675	48410.3299	92.4213	1.3476	5440.8090
Alliant Reloder-17	46.6537	100.0000	2865.6716	40886.4678	94.9327	1.3950	5935.6864
Elcho 17	46.6537	100.0000	2865.6716	40886.4678	94.9327	1.3950	5935.6864
ReloadSwiss RS 60	46.6537	100.0000	2854.2813	39998.5013	95.5683	1.4053	6022.7327
IMR 4064	42.0125	100.0000	2833.2762	45761.8984	95.6630	1.3738	5220.3932
Somchem S355	43.5112	100.0000	2828.8184	43105.9198	96.2352	1.4052	5409.2070
Hodgdon H414	47.0405	100.0000	2827.1043	42075.3516	89.0827	1.3948	5646.3720
Winchester 760	47.0405	100.0000	2827.1043	42075.3516	89.0827	1.3948	5646.3720
Rottweil R903	43.9947	100.0000	2819.1375	41806.2500	96.1498	1.4182	5424.2150
IMR 4007 SSC	45.1066	100.0000	2803.7183	45906.2090	89.6968	1.3852	5292.8658
Vihtavuori N550	45.4451	100.0000	2779.5904	38731.0853	91.8681	1.4413	5599.0373
Vihtavuori N135	40.3204	100.0000	2773.0912	40975.5699	99.8832	1.4319	4813.3726
Accurate 2700	46.4120	100.0000	2751.1102	46309.8475	89.2618	1.3933	4953.2792
Bofors RP7	43.6563	100.0000	2714.9904	41670.7572	88.0851	1.4417	5108.2681
Rottweil R907	43.6563	100.0000	2714.9904	41670.7572	88.0851	1.4417	5108.2681
Lovex S065	43.5112	100.0000	2697.3288	39600.6595	90.4376	1.4677	5113.3769
ReloadSwiss RS 62	46.6054	100.0000	2693.8493	34822.6614	89.2435	1.4942	5494.9563
Norma URP	43.9947	100.0000	2689.3545	35493.4571	90.2665	1.4901	5348.3683
Ramshot Hunter	45.9285	100.0000	2668.6212	35553.3251	86.8692	1.4928	5331.2462
Accurate 4350	44.4782	100.0000	2666.8881	33617.2597	89.8831	1.5170	5382.4101
Vihtavuori N150	41.9642	100.0000	2665.8222	36701.4275	95.8601	1.4936	4935.5030
Lovex S070	43.9947	100.0000	2659.2788	37398.1218	87.5856	1.4952	5114.4211
Norma 204	45.9285	100.0000	2652.8501	37434.5903	82.9019	1.4742	5116.5055
IMR 4350	44.2364	100.0000	2637.7188	37317.8536	85.8320	1.4843	4939.1173
Alliant Reloder-16	43.3179	100.0000	2637.3786	32637.2775	89.9512	1.5324	5330.2041
Somchem S365	44.2364	100.0000	2631.5285	31747.5582	92.7118	1.5446	5383.9372
Hodgdon Hybrid 100V	43.0278	100.0000	2592.4744	32932.0003	91.3766	1.5403	4956.1371
Hodgdon H4350	43.5112	100.0000	2587.5835	35389.5914	84.5948	1.5170	4821.4400
ReloadSwiss RS 70	47.3789	100.0000	2578.9284	33241.3088	81.1291	1.5367	5254.6469
Raufoss RA4	44.4782	100.0000	2563.5803	34027.6612	80.9064	1.5328	4892.5722
IMR 4831	42.5927	100.0000	2533.7321	30182.1237	87.6588	1.5944	4954.2994
ADI AR 2209	44.2364	100.0000	2532.3109	32909.5545	79.3722	1.5517	4846.8355
Alliant Reloder-19	44.4782	100.0000	2525.3983	31941.2660	79.7010	1.5683	4885.2436
Rottweil R904	43.8497	100.0000	2522.0612	33790.4396	79.3666	1.5482	4655.7598
Somchem S361	47.3789	100.0000	2502.5872	34131.5864	78.2417	1.5538	4566.1190