

CARTRIDGE: .308 Win. (SAAMI)

Bullet: .308, 180, Flatline - F T/R

Useable Case Capacity: 46.229 grain H₂O = 3.002 cm³

Cartridge O.A.L. L6: 3.125 inch = 79.38 mm

Barrel Length: 31.0 inch = 787.4 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	46.0705	97.0000	2974.1673	54250.1842	98.8341	1.3282	5476.7206
Hodgdon BL-C2	45.3575	98.0000	2958.2057	54250.1842	99.3378	1.3421	5392.7314
Winchester 748	43.5591	95.0000	2956.6961	54250.1842	99.7727	1.3340	5195.1145
Accurate 2520	43.9612	98.0000	2933.4267	54250.1842	99.9503	1.3550	5052.3921
Hodgdon H4895	42.1378	99.0000	2930.6968	54250.1842	98.9270	1.3512	5273.8619
Lovex D073.6	43.9128	100.0000	2930.5635	54060.8384	99.9451	1.3570	5050.5348
Ramshot Wild Boar	44.3157	97.0000	2927.6931	54250.1842	98.4135	1.3452	5297.5225
Accurate 2495	41.4749	99.0000	2927.5107	54250.1842	100.0000	1.3779	4821.9590
ADI AR 2206H	42.2394	99.0000	2922.3977	54250.1842	98.4943	1.3532	5274.5708
SNPE Vectan SP 9	43.9265	100.0000	2915.4999	54250.1842	98.4230	1.3481	5235.7827
Somchem S321	43.2978	94.0000	2914.2609	54250.1842	99.4749	1.3557	5162.9315
PB Clermont PCL 507	42.7635	96.0000	2913.5106	54250.1842	99.3393	1.3499	5131.0733
PB Clermont PCL 516	45.3996	100.0000	2908.8952	54250.1842	96.5895	1.3480	5314.2391
IMR 4895	42.6158	100.0000	2907.3118	50947.3988	98.1309	1.3787	5392.9329
Norma 202	41.8370	100.0000	2905.5787	54250.1842	100.0000	1.3553	4912.6028
Somchem S341	45.0461	98.0000	2897.8264	54250.1842	98.3021	1.3489	5086.8737
Ramshot Big Game	45.3951	100.0000	2889.4608	49713.9538	97.5472	1.3775	5349.3998
ReloadSwiss RS 52	44.0055	100.0000	2887.3404	47618.3362	99.0196	1.3951	5349.6723
Norma 201	41.6894	100.0000	2885.2857	53883.8176	99.3134	1.3738	5052.1189
IMR 3031	39.8365	100.0000	2884.5642	49151.9948	100.0000	1.3861	4842.2383
SNPE Vectan SP 7	44.8030	98.0000	2883.8836	54250.1842	96.4920	1.3634	5171.7407
Accurate 2460	42.6327	93.0000	2882.3915	54250.1842	99.7194	1.3732	4900.0459
Lovex D073.5	42.6327	93.0000	2882.3915	54250.1842	99.7194	1.3732	4900.0459
Ramshot TAC	44.3523	97.0000	2876.0980	54250.1842	95.9078	1.3602	5199.9076
Rottweil R901	39.6686	98.0000	2871.9649	54250.1842	99.9909	1.3846	4804.2887
Alliant Reloder-15	42.6158	100.0000	2870.4097	49856.3560	97.3143	1.3945	5297.2279
Raufoss RA11	42.6158	100.0000	2870.4097	49856.3560	97.3143	1.3945	5297.2279
Lovex D073.4	41.8134	92.0000	2867.2520	54250.1842	99.6804	1.3714	4816.4049

Accurate 2230	42.6784	93.0000	2866.5554	54250.1842	98.9218	1.3683	4909.3400
Norma 203B	42.6158	100.0000	2859.4686	48951.1713	97.7053	1.4035	5273.3327
Vihtavuori N540	43.0790	100.0000	2858.0346	50805.9072	99.9376	1.3871	4985.2904
Accurate 2015	38.8198	95.0000	2839.6667	54250.1842	100.0000	1.3782	4381.7124
Rottweil R902	41.0872	100.0000	2826.8383	50906.3479	98.9609	1.4090	4923.6787
Norma 200	36.9180	89.0000	2826.5333	54250.1842	100.0000	1.3913	4288.7443
Lovex S062	41.4578	100.0000	2813.5431	48602.9251	98.7236	1.4234	4978.3732
SNPE Vectan SP 11	44.0055	100.0000	2809.3468	44952.2926	96.5931	1.4330	5279.8447
Hodgdon H380	43.5423	100.0000	2808.4231	47592.5580	95.2314	1.4270	5220.7297
Norma 203 old	43.0790	100.0000	2805.8670	45363.5007	97.9606	1.4492	5200.8613
Bofors RP3	43.0790	100.0000	2805.8670	45363.5007	97.9606	1.4492	5200.8613
Accurate 4064	41.6894	100.0000	2803.8311	45590.6478	99.8714	1.4679	4955.9362
IMR 4320	41.9210	100.0000	2803.2398	47437.3489	97.0363	1.4062	5029.4812
ReloadSwiss RS 50	44.3297	100.0000	2789.2610	48897.3071	93.3688	1.4185	5080.2456
Alliant Reloder-17	44.7003	100.0000	2784.9786	41297.0005	95.9490	1.4658	5545.4872
Elcho 17	44.7003	100.0000	2784.9786	41297.0005	95.9490	1.4658	5545.4872
ReloadSwiss RS 60	44.7003	100.0000	2775.3781	40393.3783	96.6112	1.4763	5627.3149
Hodgdon H414	45.0709	100.0000	2746.4259	42504.3078	90.2701	1.4669	5292.8228
Winchester 760	45.0709	100.0000	2746.4259	42504.3078	90.2701	1.4669	5292.8228
IMR 4064	40.2534	100.0000	2745.7089	46249.6924	96.4483	1.4405	4854.5396
Somchem S355	41.6894	100.0000	2743.8732	43604.2173	97.0080	1.4780	5032.5876
Rottweil R903	42.1526	100.0000	2735.5453	42328.0393	96.9526	1.4910	5044.5983
IMR 4007 SSC	43.2180	100.0000	2720.2927	46373.0242	90.7596	1.4582	4953.3345
Vihtavuori N550	43.5423	100.0000	2700.7904	39158.2895	92.9791	1.5148	5243.9378
PB Clermont PCL 511	45.3951	100.0000	2686.4889	39564.4764	90.0605	1.5084	5226.7653
Vihtavuori N135	38.6322	100.0000	2684.5029	41530.4813	99.9913	1.4943	4422.5586
Accurate 2700	44.4687	100.0000	2668.2250	46757.0418	90.2986	1.4675	4633.0119
Bofors RP7	41.8284	100.0000	2635.3169	42103.8144	89.2279	1.5168	4786.2957
Rottweil R907	41.8284	100.0000	2635.3169	42103.8144	89.2279	1.5168	4786.2957
ReloadSwiss RS 62	44.6540	100.0000	2620.8617	35195.9710	90.5661	1.5698	5159.1281
Lovex S065	41.6894	100.0000	2618.6413	40028.3401	91.5364	1.5436	4785.5142
Norma URP	42.1526	100.0000	2614.1516	35880.1103	91.5016	1.5663	5014.8598
Ramshot Hunter	44.0055	100.0000	2595.1530	35907.1776	88.2130	1.5698	5015.1496
Accurate 4350	42.6158	100.0000	2594.4055	34044.7756	91.1816	1.5931	5046.5784
Vihtavuori N150	40.2071	100.0000	2586.7706	37142.1220	96.7022	1.5710	4598.0551
Lovex S070	42.1526	100.0000	2583.5833	37818.7370	88.8073	1.5723	4797.4664
Norma 204	44.0055	100.0000	2578.5343	37792.1771	84.2544	1.5516	4818.7988
Alliant Reloder-16	41.5041	100.0000	2565.7345	32979.3493	91.3079	1.6102	5001.7129
IMR 4350	42.3842	100.0000	2561.7109	37689.1018	87.0790	1.5625	4637.3639
Somchem S365	42.3842	100.0000	2561.1834	32090.7374	94.0025	1.6226	5044.8893
Hodgdon Hybrid 100V	41.2262	100.0000	2519.8031	33284.7583	92.6159	1.6193	4640.7564
Hodgdon H4350	41.6894	100.0000	2513.5676	35744.9965	85.8858	1.5968	4530.7033
ReloadSwiss RS 70	45.3951	100.0000	2511.7926	33547.1963	82.8176	1.6154	4980.4846
Raufoss RA4	42.6158	100.0000	2492.6115	34363.5759	82.3242	1.6131	4613.8587
IMR 4831	40.8093	100.0000	2464.9196	30527.8883	89.0454	1.6757	4654.9493
ADI AR 2209	42.3842	100.0000	2463.0199	33227.5709	80.8739	1.6327	4579.4744
Alliant Reloder-19	42.6158	100.0000	2456.8049	32251.7399	81.1826	1.6497	4614.2683

Rottweil R904	42.0136	100.0000	2451.1636	34123.9999	80.7447	1.6299	4387.9702
Somchem S361	45.3951	100.0000	2432.7341	34455.8301	79.5772	1.6356	4306.4702
Alliant Reloder-26	45.8120	100.0000	2415.7074	28097.3647	81.9007	1.7180	5085.9892
Winchester Supreme 780	44.9319	100.0000	2412.9758	32470.3487	80.4160	1.6573	4408.1495
Norma MRP	44.4687	100.0000	2407.8874	28786.1594	79.2572	1.7084	4836.1447
Somchem S385	43.0790	100.0000	2405.4507	29977.7666	82.3262	1.6979	4492.9653