

## CARTRIDGE: .308 Win. (SAAMI)

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

Useable Case Capacity: 46.220 grain H<sub>2</sub>O = 3.001 cm<sup>3</sup>

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

Barrel Length: 27.0 inch = 685.8 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	45.3084	95.0000	2816.8521	54250.1842	98.8410	1.2511	6412.7626
Hodgdon BL-C2	44.5641	96.0000	2798.4667	54250.1842	99.3257	1.2654	6305.8955
Winchester 748	42.7806	93.0000	2797.3104	54250.1842	99.7691	1.2573	6083.7053
IMR 4895	42.6080	100.0000	2794.6945	53755.2596	98.5411	1.2712	6383.3036
Ramshot Big Game	45.3868	100.0000	2780.6598	52425.2386	98.0424	1.2698	6340.5726
ReloadSwiss RS 52	43.9974	100.0000	2777.0781	50431.6155	99.3403	1.2872	6320.5531
Accurate 2520	43.1592	96.0000	2774.7765	54250.1842	99.9476	1.2785	5919.9737
Lovex D073.6	43.1592	98.0000	2774.7765	54250.1842	99.9476	1.2785	5919.9737
Hodgdon H4895	41.4079	97.0000	2772.8994	54250.1842	98.9280	1.2730	6167.3685
Ramshot Wild Boar	43.5653	96.0000	2771.3270	54250.1842	98.4157	1.2664	6197.6702
IMR 3031	39.8292	100.0000	2768.4987	52155.2327	100.0000	1.2800	5710.1590
Accurate 2495	40.6587	98.0000	2765.8948	54250.1842	100.0000	1.3025	5646.1942
ADI AR 2206H	41.5180	97.0000	2765.6260	54250.1842	98.5001	1.2744	6168.7448
SNPE Vectan SP 9	43.1935	98.0000	2760.3345	54250.1842	98.4320	1.2691	6126.1819
Alliant Reloder-15	42.6080	100.0000	2759.9389	52564.9390	97.8009	1.2864	6277.1914
Raufoss RA11	42.6080	100.0000	2759.9389	52564.9390	97.8009	1.2864	6277.1914
Somchem S321	42.5614	93.0000	2757.6469	54250.1842	99.4746	1.2770	6035.9123
PB Clermont PCL 507	42.0307	95.0000	2757.1078	54250.1842	99.3408	1.2711	6001.8252
PB Clermont PCL 516	44.6500	98.0000	2754.9302	54250.1842	96.6033	1.2693	6220.3006
Norma 203B	42.6080	100.0000	2749.0469	51649.1125	98.1585	1.2954	6244.3185
Norma 202	41.1065	98.0000	2748.6628	54250.1842	100.0000	1.2772	5746.4543
Somchem S341	44.2771	97.0000	2744.0234	54250.1842	98.3094	1.2696	5960.9105
Vihtavuori N540	43.0711	100.0000	2743.1190	53524.2836	99.9926	1.2808	5868.7532
Norma 201	41.0703	99.0000	2735.7475	54250.1842	99.3529	1.2906	5916.6426
SNPE Vectan SP 7	44.0685	96.0000	2732.4324	54250.1842	96.5258	1.2829	6061.5432
Accurate 2460	41.8802	91.0000	2727.5910	54250.1842	99.7213	1.2946	5739.7049
Lovex D073.5	41.8802	92.0000	2727.5910	54250.1842	99.7213	1.2946	5739.7049
Ramshot TAC	43.6557	95.0000	2725.4771	54250.1842	95.9505	1.2786	6088.2097

Rottweil R901	38.9695	96.0000	2716.5305	54250.1842	99.9916	1.3058	5621.5171
Rottweil R902	41.0797	100.0000	2715.9471	53566.8012	99.2605	1.2993	5821.4306
Accurate 2230	41.9646	91.0000	2714.8849	54250.1842	98.9421	1.2879	5752.6354
Lovex D073.4	41.0934	90.0000	2714.1933	54250.1842	99.6881	1.2920	5642.3080
Lovex S062	41.4502	100.0000	2703.4763	51219.3635	99.0598	1.3136	5887.4985
Hodgdon H380	43.5343	100.0000	2702.9031	50258.8422	95.8748	1.3162	6194.5943
SNPE Vectan SP 11	43.9974	100.0000	2702.5653	47373.8284	97.1597	1.3228	6257.3562
Norma 203 old	43.0711	100.0000	2699.4850	48159.9942	98.4153	1.3376	6151.6812
Bofors RP3	43.0711	100.0000	2699.4850	48159.9942	98.4153	1.3376	6151.6812
IMR 4320	41.9133	100.0000	2695.4013	49814.8536	97.5561	1.2990	5961.6874
Accurate 4064	41.6818	100.0000	2694.7742	48490.6618	99.9690	1.3570	5839.5554
Accurate 2015	38.1251	94.0000	2686.0026	54250.1842	100.0000	1.2986	5131.9653
ReloadSwiss RS 50	44.3216	100.0000	2685.0020	51434.6143	94.0860	1.3074	6041.1935
Alliant Reloder-17	44.6921	100.0000	2682.5106	43480.8037	96.6512	1.3522	6573.4263
Elcho 17	44.6921	100.0000	2682.5106	43480.8037	96.6512	1.3522	6573.4263
ReloadSwiss RS 60	44.6921	100.0000	2673.9305	42488.2647	97.3112	1.3622	6665.7958
Norma 200	36.2337	87.0000	2671.8568	54250.1842	100.0000	1.3120	5019.9035
Hodgdon H414	45.0626	100.0000	2646.9738	44800.9759	91.1759	1.3527	6305.0827
Winchester 760	45.0626	100.0000	2646.9738	44800.9759	91.1759	1.3527	6305.0827
IMR 4064	40.2461	100.0000	2638.9067	48565.5314	96.9865	1.3314	5755.9319
Somchem S355	41.6818	100.0000	2637.9057	46049.6672	97.5219	1.3651	5958.0181
Rottweil R903	42.1449	100.0000	2632.3161	44920.2864	97.5046	1.3767	5974.5498
IMR 4007 SSC	43.2101	100.0000	2619.0266	48743.4890	91.5639	1.3443	5893.8384
Vihtavuori N550	43.5343	100.0000	2599.3295	41379.6500	93.7459	1.3997	6223.4272
PB Clermont PCL 511	45.3868	100.0000	2588.4804	41629.7467	90.9749	1.3918	6220.6274
Vihtavuori N135	38.6251	100.0000	2576.7852	44003.0942	100.0000	1.3831	5206.7606
Accurate 2700	44.4605	100.0000	2570.4142	49094.2804	91.1273	1.3515	5521.2817
Bofors RP7	41.8207	100.0000	2536.5453	44236.9355	90.0660	1.3997	5695.2355
Rottweil R907	41.8207	100.0000	2536.5453	44236.9355	90.0660	1.3997	5695.2355
ReloadSwiss RS 62	44.6458	100.0000	2527.1447	37187.7221	91.5342	1.4489	6140.4846
Lovex S065	41.6818	100.0000	2519.3205	42130.0362	92.3091	1.4259	5685.8080
Norma URP	42.1449	100.0000	2516.7842	37822.6423	92.3577	1.4470	5958.5591
Accurate 4350	42.6080	100.0000	2501.8716	36245.2977	92.1310	1.4705	6000.3944
Ramshot Hunter	43.9974	100.0000	2499.8426	37752.2087	89.1722	1.4497	5970.9172
Lovex S070	42.1449	100.0000	2487.3190	39879.7206	89.6829	1.4520	5708.1548
Vihtavuori N150	40.1997	100.0000	2486.1174	39271.8006	97.2435	1.4525	5438.8949
Norma 204	43.9974	100.0000	2485.4434	39689.5514	85.2830	1.4309	5749.7716
Alliant Reloder-16	41.4965	100.0000	2471.3801	34754.5621	92.2387	1.4884	5947.0416
Somchem S365	42.3765	100.0000	2467.8458	33836.3016	94.8709	1.4993	5986.9455
IMR 4350	42.3765	100.0000	2466.2038	39554.2240	87.9894	1.4425	5526.2289
Hodgdon Hybrid 100V	41.2186	100.0000	2426.6993	35024.5298	93.4811	1.4963	5515.3201
ReloadSwiss RS 70	45.3868	100.0000	2424.0114	35204.2800	84.0799	1.4900	5955.9836
Hodgdon H4350	41.6818	100.0000	2419.5875	37499.5630	86.8151	1.4752	5399.8323
Raufoss RA4	42.6080	100.0000	2401.8082	36058.0755	83.3689	1.4889	5505.7948
ADI AR 2209	42.3765	100.0000	2373.5976	34822.8317	81.9744	1.5071	5469.4422
IMR 4831	40.8018	100.0000	2373.5895	32226.2414	89.9924	1.5495	5536.1204
Alliant Reloder-19	42.6080	100.0000	2366.6486	33823.5061	82.2387	1.5240	5506.2727

Rottweil R904	42.0059	100.0000	2361.5448	35785.2300	81.7717	1.5039	5239.9129
Somchem S361	45.3868	100.0000	2345.7863	36207.6387	80.6218	1.5081	5147.1000
Alliant Reloder-26	45.8036	100.0000	2335.3534	29584.0783	83.3748	1.5830	6089.3777
Winchester Supreme 780	44.9237	100.0000	2328.6160	34109.1704	81.5754	1.5272	5267.2883
Norma MRP	44.4605	100.0000	2324.0531	30253.9103	80.5473	1.5765	5783.9024
Somchem S385	43.0711	100.0000	2319.2079	31614.7563	83.4133	1.5678	5361.3691
IMR 7828 SSC	43.7658	100.0000	2284.4176	31574.8856	75.3641	1.5660	5311.7877
Hodgdon H4831 SC	43.0711	100.0000	2282.7323	32655.6879	77.1706	1.5569	5092.3096