

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: 20.0 inch = 508.0 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)
Winchester 748	45.9852	100.0000	2914.0755	53593.6667	96.7297	0.9448	9010.6479
Somchem S321	45.8608	100.0000	2881.6181	54250.1842	96.1791	0.9549	8838.4277
Lovex D073.5	45.2800	99.0000	2861.9587	54250.1842	96.8999	0.9673	8552.7587
Accurate 2460	45.2800	98.0000	2861.9587	54250.1842	96.8999	0.9673	8552.7587
Hodgdon CFE223	47.6109	100.0000	2851.5367	50269.6269	93.3601	0.9714	9048.8889
Lovex D073.4	44.3407	97.0000	2847.4186	54250.1842	96.8001	0.9640	8386.5224
Norma 200	39.4313	94.0000	2845.9202	54250.1842	100.0000	0.9766	7835.9824
Accurate 2230	45.1695	98.0000	2838.3207	54250.1842	95.0815	0.9618	8401.3635
PB Clermont PCL 507	44.5917	100.0000	2836.2609	51533.7011	95.2590	0.9715	8660.9732
Hodgdon BL-C2	46.6355	100.0000	2822.0848	48467.6844	94.2845	0.9939	8930.5395
Accurate 2015	40.8757	100.0000	2820.0233	52369.8250	99.8170	0.9818	7930.8421
Ramshot Wild Boar	45.6600	100.0000	2805.5330	49468.4397	92.7363	0.9857	8688.9324
Accurate 2520	45.0562	100.0000	2797.1787	47283.6601	96.2702	1.0140	8652.4744
Ramshot TAC	46.0781	100.0000	2783.3006	51664.5642	89.6401	0.9781	8422.3814
Hodgdon H4895	42.7337	100.0000	2765.3745	46936.4073	93.0173	1.0160	8592.9157
Somchem S341	45.9852	100.0000	2753.2366	48030.3474	92.0902	1.0001	8300.3226
Rottweil R901	40.5970	100.0000	2753.2348	48016.6096	97.0117	1.0323	8243.9750
ADI AR 2206H	42.7337	100.0000	2750.1864	46733.0540	92.0875	1.0195	8511.1011
Accurate 2495	41.8047	100.0000	2743.4201	43033.9058	98.6649	1.0808	8567.6706
SNPE Vectan SP 7	45.8458	100.0000	2737.8402	48225.0332	89.3019	1.0111	8304.4113
Norma 202	42.0370	100.0000	2732.3801	45253.1925	96.5726	1.0326	8269.0040
Lovex D073.6	44.0343	100.0000	2727.2950	43574.3832	95.2521	1.0517	8469.2750
SNPE Vectan SP 9	44.1272	100.0000	2722.3165	45584.1478	91.5378	1.0244	8352.3756
PB Clermont PCL 516	45.5207	100.0000	2699.2925	45253.6517	88.2352	1.0280	8273.4647
Norma 201	41.8047	100.0000	2694.1476	44807.0018	93.4445	1.0531	8197.2384
IMR 3031	39.9467	100.0000	2693.1609	40093.8259	97.1903	1.0732	8346.0205
IMR 4895	42.7337	100.0000	2688.1529	41799.3214	90.3698	1.0647	8524.1503
Vihtavuori N540	43.1982	100.0000	2664.8387	41897.9933	95.4014	1.0653	8146.2383

Ramshot Big Game	45.5207	100.0000	2660.6085	41363.8575	88.8735	1.0625	8367.4971
Alliant Reloder-15	42.7337	100.0000	2651.6584	40964.5484	88.9775	1.0768	8299.0063
Raufoss RA11	42.7337	100.0000	2651.6584	40964.5484	88.9775	1.0768	8299.0063
ReloadSwiss RS 52	44.1272	100.0000	2650.6707	38980.1759	91.3290	1.0879	8518.6342
Norma 203B	42.7337	100.0000	2638.5388	40027.5715	89.5049	1.0869	8277.2734
Rottweil R902	41.2009	100.0000	2632.6131	42159.5946	92.4819	1.0839	7933.6918
Lovex S062	41.5725	100.0000	2608.1030	39903.8423	91.6570	1.1010	7961.8814
IMR 4320	42.0370	100.0000	2591.9532	39902.4097	88.3851	1.0807	7826.8986
Hodgdon H380	43.6627	100.0000	2577.3914	38693.1325	85.5472	1.1096	7978.5594
ReloadSwiss RS 50	44.4523	100.0000	2572.8880	40518.5825	83.5993	1.0893	7720.5078
SNPE Vectan SP 11	44.1272	100.0000	2569.7604	37225.7913	86.9085	1.1153	8092.9083
Accurate 4064	41.8047	100.0000	2566.7446	35354.8683	93.9322	1.1790	8204.5475
Bofors RP3	43.1982	100.0000	2561.9662	35848.9166	89.1387	1.1460	8133.1219
Norma 203 old	43.1982	100.0000	2561.9662	35848.9166	89.1387	1.1460	8133.1219
IMR 4064	40.3648	100.0000	2543.5099	38394.0572	87.8722	1.1104	7547.0213
Somchem S355	41.8047	100.0000	2513.4567	35121.0287	87.8889	1.1601	7780.9395
IMR 4007 SSC	43.3375	100.0000	2502.1111	38487.2628	80.3725	1.1236	7397.9553
Alliant Reloder-17	44.8239	100.0000	2498.1550	34081.0637	83.5413	1.1595	8195.8121
Elcho 17	44.8239	100.0000	2498.1550	34081.0637	83.5413	1.1595	8195.8121
Rottweil R903	42.2692	100.0000	2488.3194	33280.7096	87.1894	1.1863	7794.3773
Hodgdon H414	45.1955	100.0000	2485.5795	35024.0067	78.0823	1.1510	7748.8068
Winchester 760	45.1955	100.0000	2485.5795	35024.0067	78.0823	1.1510	7748.8068
Vihtavuori N135	38.7390	100.0000	2483.4866	33145.6206	95.2367	1.1832	7399.7502
ReloadSwiss RS 60	44.8239	100.0000	2472.8476	33388.5065	83.0478	1.1718	8196.4694
Accurate 2700	44.5917	100.0000	2464.4415	39029.6073	80.1457	1.1229	6961.3399
Vihtavuori N550	43.6627	100.0000	2435.6809	31769.9945	81.0933	1.2035	7706.6075
PB Clermont PCL 511	45.5207	100.0000	2415.8032	32607.9983	77.1331	1.1911	7521.4540
Bofors RP7	41.9441	100.0000	2413.1829	34729.3745	78.3086	1.1787	7064.4937
Rottweil R907	41.9441	100.0000	2413.1829	34729.3745	78.3086	1.1787	7064.4937
Lovex S065	41.8047	100.0000	2388.0691	32537.9828	80.5549	1.2130	7101.0248
Vihtavuori N150	40.3183	100.0000	2356.0616	29936.7715	86.8408	1.2400	7004.7543
Norma URP	42.2692	100.0000	2343.8265	29139.6643	78.5753	1.2488	7259.6930
Lovex S070	42.2692	100.0000	2337.5989	30181.4964	76.8071	1.2485	6985.0312
IMR 4350	42.5014	100.0000	2328.4137	31243.6436	75.1177	1.2218	6716.7316
Norma 204	44.1272	100.0000	2323.5685	31267.9380	71.2468	1.2206	6807.3186
ReloadSwiss RS 62	44.7775	100.0000	2322.9467	28275.9107	76.2668	1.2698	7351.1882
Ramshot Hunter	44.1272	100.0000	2321.5257	29433.7002	74.5874	1.2477	7099.4709
Accurate 4350	42.7337	100.0000	2294.2120	26510.0695	77.0981	1.3040	7253.6945
Hodgdon H4350	41.8047	100.0000	2278.7306	29544.2033	73.6329	1.2511	6510.1461
Alliant Reloder-16	41.6189	100.0000	2273.3535	26647.5082	76.7584	1.2936	7103.8283
Hodgdon Hybrid 100V	41.3402	100.0000	2252.4765	27021.7192	79.1521	1.2898	6725.9912
Somchem S365	42.5014	100.0000	2250.1132	25747.1107	78.7236	1.3120	7157.3086
Raufoss RA4	42.7337	100.0000	2236.3180	28268.9826	68.8933	1.2731	6431.8103
Rottweil R904	42.1299	100.0000	2210.9799	28122.8197	67.9788	1.2801	6162.8592
ReloadSwiss RS 70	45.5207	100.0000	2210.1766	27518.1438	65.7807	1.2961	6517.0772
ADI AR 2209	42.5014	100.0000	2200.0443	27382.4392	66.6447	1.2903	6259.2500