

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: 22.0 inch = 558.8 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)
ReloadSwiss RS 52	43.5191	99.0000	2573.8275	54250.1842	99.7216	1.1636	8038.1189
Hodgdon CFE223	43.8895	92.0000	2559.7615	54250.1842	98.9595	1.1621	8064.1919
Ramshot Big Game	44.4646	98.0000	2555.5716	54250.1842	98.4896	1.1619	8050.2052
IMR 4895	41.3610	97.0000	2543.8549	54250.1842	98.7283	1.1779	8030.5716
Hodgdon BL-C2	43.1373	93.0000	2540.0965	54250.1842	99.4033	1.1778	7913.6864
Winchester 748	41.3527	90.0000	2537.3025	54250.1842	99.8130	1.1702	7641.6413
Norma 203B	41.9192	98.0000	2533.8489	54250.1842	98.6710	1.1793	7937.0898
IMR 3031	38.9353	98.0000	2533.7178	54250.1842	100.0000	1.1743	7208.0180
SNPE Vectan SP 11	44.0055	100.0000	2532.9822	52302.3444	98.2625	1.1798	8069.0124
Alliant Reloder-15	41.6892	98.0000	2531.3486	54250.1842	98.2268	1.1795	7953.0554
Raufoss RA11	41.6892	98.0000	2531.3486	54250.1842	98.2268	1.1795	7953.0554
Norma 203 old	43.0790	100.0000	2530.2009	53694.6021	99.2361	1.1917	7897.0509
Bofors RP3	43.0790	100.0000	2530.2009	53694.6021	99.2361	1.1917	7897.0509
Elcho 17	44.7003	100.0000	2521.0289	47924.2661	98.0079	1.2067	8481.4989
Alliant Reloder-17	44.7003	100.0000	2521.0289	47924.2661	98.0079	1.2067	8481.4989
Accurate 4064	41.6894	100.0000	2519.9701	54196.2784	100.0000	1.2100	7427.3408
IMR 4320	41.8357	100.0000	2518.5463	54250.1842	98.5039	1.1626	7674.5477
Ramshot Wild Boar	42.2151	93.0000	2518.3638	54250.1842	98.5611	1.1756	7789.9173
Hodgdon H4895	40.1044	94.0000	2518.0993	54250.1842	99.0498	1.1823	7743.0238
Lovex D073.6	41.7119	95.0000	2517.0093	54250.1842	99.9682	1.1910	7440.3619
Accurate 2520	41.7119	93.0000	2517.0093	54250.1842	99.9682	1.1910	7440.3619
Hodgdon H380	43.2230	99.0000	2516.8385	54250.1842	96.9306	1.1830	7960.1687
ReloadSwiss RS 60	44.7003	100.0000	2514.3371	46738.8070	98.6101	1.2154	8583.9819
ADI AR 2206H	40.2301	94.0000	2512.5916	54250.1842	98.6503	1.1830	7749.1482
SNPE Vectan SP 9	41.8677	95.0000	2508.8982	54250.1842	98.5836	1.1774	7701.2119
PB Clermont PCL 516	43.3203	95.0000	2507.1251	54250.1842	96.8400	1.1762	7836.0105
PB Clermont PCL 507	40.7280	92.0000	2504.6684	54250.1842	99.4402	1.1798	7537.0996
Somchem S321	41.2345	90.0000	2504.0378	54250.1842	99.5564	1.1863	7571.8661

Accurate 2495	39.1933	94.0000	2503.1311	54250.1842	100.0000	1.2175	7083.5713
Vihtavuori N540	41.9141	97.0000	2498.6183	54250.1842	100.0000	1.1833	7360.9118
Lovex S062	40.9217	99.0000	2498.0340	54250.1842	99.4696	1.1913	7488.2568
Somchem S341	42.9169	94.0000	2496.0176	54250.1842	98.4781	1.1778	7514.0622
Norma 202	39.7908	95.0000	2493.9888	54250.1842	100.0000	1.1869	7204.4368
Winchester 760	45.0709	100.0000	2490.3474	49488.7877	93.0763	1.2054	8224.8176
Hodgdon H414	45.0709	100.0000	2490.3474	49488.7877	93.0763	1.2054	8224.8176
ReloadSwiss RS 50	43.7672	99.0000	2487.5951	54250.1842	95.0844	1.1836	7752.7540
SNPE Vectan SP 7	42.7454	93.0000	2487.2988	54250.1842	96.7808	1.1896	7648.2572
Norma 201	39.7969	95.0000	2484.8595	54250.1842	99.4553	1.1990	7428.0463
Ramshot TAC	42.3986	92.0000	2481.8720	54250.1842	96.2303	1.1834	7673.3329
Accurate 2460	40.5477	88.0000	2477.5395	54250.1842	99.7875	1.2031	7218.3709
Lovex D073.5	40.5477	89.0000	2477.5395	54250.1842	99.7875	1.2031	7218.3709
Rottweil R902	39.9764	97.0000	2476.9022	54250.1842	99.4336	1.2002	7334.8508
Somchem S355	41.6894	100.0000	2469.4863	50876.1997	98.5164	1.2193	7667.9592
Accurate 2230	40.6781	88.0000	2468.8167	54250.1842	99.0883	1.1954	7245.0492
IMR 4064	40.2534	100.0000	2468.5463	53118.8362	98.0463	1.1918	7427.9684
Rottweil R903	42.1526	100.0000	2468.3911	50060.6609	98.5549	1.2288	7691.6862
Lovex D073.4	39.8080	87.0000	2466.2919	54250.1842	99.7642	1.1996	7097.3678
Rottweil R901	37.7192	93.0000	2464.6790	54250.1842	99.9994	1.2139	7050.8223
IMR 4007 SSC	43.2180	100.0000	2458.6512	53424.2136	93.2585	1.1970	7672.5603
Vihtavuori N550	43.5423	100.0000	2439.6563	45961.8861	95.3477	1.2501	8063.5994
Accurate 2015	36.8787	90.0000	2435.8752	54250.1842	100.0000	1.2070	6445.7467
PB Clermont PCL 511	45.3951	100.0000	2434.7216	45828.5558	92.9120	1.2417	8106.6518
Accurate 2700	44.4687	100.0000	2415.1221	53707.7549	92.8639	1.2020	7205.1388
Vihtavuori N135	38.6322	100.0000	2403.6213	48775.0263	100.0000	1.2418	6626.9942
ReloadSwiss RS 62	44.6540	100.0000	2380.6720	41312.2633	93.5572	1.2935	7999.2886
Bofors RP7	41.8284	100.0000	2380.5426	48455.9619	91.8553	1.2494	7418.8168
Rottweil R907	41.8284	100.0000	2380.5426	48455.9619	91.8553	1.2494	7418.8168
Norma URP	42.1526	100.0000	2363.9356	41801.8674	94.1581	1.2938	7739.0494
Lovex S065	41.6894	100.0000	2362.4829	46291.0100	93.9446	1.2744	7382.6601
Accurate 4350	42.6158	100.0000	2357.1470	40926.9186	94.0951	1.3120	7801.1606
Ramshot Hunter	44.0055	100.0000	2350.7878	41501.6556	91.2349	1.2952	7791.6970
Norma 204	44.0055	100.0000	2339.7181	43509.0568	87.5117	1.2759	7538.1649
Lovex S070	42.1526	100.0000	2335.9278	43980.5079	91.5604	1.2975	7436.7068
Vihtavuori N150	40.2071	100.0000	2326.5814	43563.7251	98.3049	1.2890	6993.7020
Alliant Reloder-16	41.5041	100.0000	2323.8182	38364.1670	94.1826	1.3314	7731.9575
Somchem S365	42.3842	100.0000	2321.9540	37424.4737	96.6114	1.3405	7748.5498
IMR 4350	42.3842	100.0000	2315.8289	43310.1320	89.9537	1.2888	7221.0223
ReloadSwiss RS 70	45.3951	100.0000	2288.5451	38554.2701	86.8194	1.3286	7848.9169
Hodgdon Hybrid 100V	41.2262	100.0000	2280.3652	38573.5160	95.2590	1.3382	7159.9951
Hodgdon H4350	41.6894	100.0000	2271.8377	41032.3734	88.8333	1.3189	7060.1406