

CARTRIDGE: .308 Win. (SAAMI)

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

Useable Case Capacity: 46.220 grain H₂O = 3.001 cm³

Cartridge O.A.L. L6: 3.125 inch = 79.38 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	45.6793	96.0000	2913.3224	54250.1842	98.9772	1.3193	5676.0587
Hodgdon BL-C2	44.9515	97.0000	2895.9727	54250.1842	99.4381	1.3340	5583.8612
Winchester 748	43.1645	94.0000	2894.1894	54250.1842	99.8325	1.3257	5376.3423
Accurate 2520	43.5509	97.0000	2870.7171	54250.1842	99.9755	1.3471	5226.2364
Lovex D073.6	43.5509	99.0000	2870.7171	54250.1842	99.9755	1.3471	5226.2364
IMR 4895	42.6080	100.0000	2869.5936	52351.5117	98.5065	1.3551	5621.7812
Hodgdon H4895	41.7607	98.0000	2868.9680	54250.1842	99.0545	1.3428	5461.4526
Ramshot Wild Boar	43.9299	96.0000	2866.9225	54250.1842	98.5694	1.3363	5490.0323
Accurate 2495	41.0577	99.0000	2862.4986	54250.1842	100.0000	1.3708	4984.5386
ADI AR 2206H	41.8663	98.0000	2861.2243	54250.1842	98.6450	1.3446	5464.2835
SNPE Vectan SP 9	43.5514	99.0000	2855.3080	54250.1842	98.5813	1.3392	5426.4641
Ramshot Big Game	45.3868	100.0000	2853.6648	51061.4456	97.9936	1.3539	5581.6035
Somchem S321	42.9209	94.0000	2853.0701	54250.1842	99.5660	1.3469	5344.8102
PB Clermont PCL 507	42.3915	95.0000	2852.5008	54250.1842	99.4423	1.3411	5312.9648
ReloadSwiss RS 52	43.9974	100.0000	2850.8163	49016.5663	99.3124	1.3715	5567.8164
PB Clermont PCL 516	45.0134	99.0000	2849.4726	54250.1842	96.8115	1.3397	5514.0929
Norma 202	41.4634	99.0000	2843.4365	54250.1842	100.0000	1.3471	5078.8445
IMR 3031	39.8292	100.0000	2843.2482	50641.0368	100.0000	1.3619	5022.5392
Somchem S341	44.6543	97.0000	2838.0108	54250.1842	98.4648	1.3401	5274.3440
Raufoss RA11	42.6080	100.0000	2833.6781	51210.6515	97.7578	1.3709	5527.3953
Alliant Reloder-15	42.6080	100.0000	2833.6781	51210.6515	97.7578	1.3709	5527.3953
Norma 201	41.4154	99.0000	2830.0902	54250.1842	99.4486	1.3613	5237.1886
SNPE Vectan SP 7	44.4269	97.0000	2825.5409	54250.1842	96.7250	1.3540	5367.8098
Norma 203B	42.6080	100.0000	2822.7450	50300.0099	98.1205	1.3798	5499.9658
Accurate 2460	42.2511	92.0000	2821.5931	54250.1842	99.7861	1.3648	5071.6753
Lovex D073.5	42.2511	92.0000	2821.5931	54250.1842	99.7861	1.3648	5071.6753
Ramshot TAC	43.9957	96.0000	2818.3398	54250.1842	96.1564	1.3504	5398.0074
Vihtavuori N540	43.0711	100.0000	2817.9782	52166.3732	99.9906	1.3655	5176.2694

Rottweil R901	39.3105	97.0000	2810.3351	54250.1842	99.9993	1.3765	4966.3539
Accurate 2230	42.3130	92.0000	2807.2701	54250.1842	99.0572	1.3594	5087.2138
Lovex D073.4	41.4416	91.0000	2806.7196	54250.1842	99.7520	1.3628	4985.4948
Rottweil R902	41.0797	100.0000	2788.7856	52238.3412	99.2337	1.3853	5125.8451
Accurate 2015	38.4647	94.0000	2777.6042	54250.1842	100.0000	1.3698	4531.3762
Lovex S062	41.4502	100.0000	2776.2047	49912.0607	99.0316	1.3992	5184.7548
SNPE Vectan SP 11	43.9974	100.0000	2774.8567	46156.2289	97.1144	1.4089	5513.9309
Hodgdon H380	43.5343	100.0000	2774.3358	48924.7021	95.8124	1.4025	5457.4849
Bofors RP3	43.0711	100.0000	2771.2884	46760.2647	98.3748	1.4241	5421.2618
Norma 203 old	43.0711	100.0000	2771.2884	46760.2647	98.3748	1.4241	5421.2618
IMR 4320	41.9133	100.0000	2767.3061	48623.3275	97.5076	1.3838	5250.3044
Accurate 4064	41.6818	100.0000	2767.0144	47040.6307	99.9627	1.4436	5141.6802
Norma 200	36.5663	88.0000	2763.5590	54250.1842	100.0000	1.3834	4433.9786
ReloadSwiss RS 50	44.3216	100.0000	2755.4300	50165.3125	94.0112	1.3940	5318.1128
Alliant Reloder-17	44.6921	100.0000	2753.8669	42383.4629	96.5953	1.4399	5796.6713
Elcho 17	44.6921	100.0000	2753.8669	42383.4629	96.5953	1.4399	5796.6713
ReloadSwiss RS 60	44.6921	100.0000	2745.1751	41435.8691	97.2582	1.4502	5879.9010
Hodgdon H414	45.0626	100.0000	2716.1472	43646.1488	91.0846	1.4416	5552.3535
Winchester 760	45.0626	100.0000	2716.1472	43646.1488	91.0846	1.4416	5552.3535
IMR 4064	40.2461	100.0000	2710.0032	47407.8854	96.9393	1.4178	5069.4024
Somchem S355	41.6818	100.0000	2709.2792	44826.3155	97.4836	1.4533	5251.8687
Rottweil R903	42.1449	100.0000	2702.4548	43622.3398	97.4549	1.4655	5264.0703
IMR 4007 SSC	43.2101	100.0000	2687.9512	47557.6604	91.4809	1.4335	5191.4837
Vihtavuori N550	43.5343	100.0000	2669.6111	40260.5879	93.6955	1.4895	5490.6525
PB Clermont PCL 511	45.3868	100.0000	2657.1161	40589.8177	90.8999	1.4821	5484.4926
Vihtavuori N135	38.6251	100.0000	2647.1057	42781.5654	100.0000	1.4711	4584.5471
Accurate 2700	44.4605	100.0000	2636.7564	47925.1435	91.0264	1.4422	4857.7588
Bofors RP7	41.8207	100.0000	2604.1610	43169.5470	89.9891	1.4916	5019.1579
Rottweil R907	41.8207	100.0000	2604.1610	43169.5470	89.9891	1.4916	5019.1579
ReloadSwiss RS 62	44.6458	100.0000	2593.8859	36184.2877	91.4508	1.5425	5412.8105
Lovex S065	41.6818	100.0000	2587.3075	41078.1537	92.2497	1.5180	5012.9244
Norma URP	42.1449	100.0000	2584.7802	36845.1050	92.2973	1.5403	5256.1038
Accurate 4350	42.6080	100.0000	2567.7561	35128.2063	92.0403	1.5652	5290.3902
Ramshot Hunter	43.9974	100.0000	2566.9741	36824.5796	89.1042	1.5430	5266.8960
Vihtavuori N150	40.1997	100.0000	2554.2525	38198.1511	97.2096	1.5455	4799.4768
Lovex S070	42.1449	100.0000	2554.1000	38847.9784	89.6130	1.5459	5032.4867
Norma 204	43.9974	100.0000	2550.8306	38738.6262	85.1846	1.5247	5067.9899
Alliant Reloder-16	41.4965	100.0000	2538.2018	33869.0422	92.1736	1.5831	5245.1975
Somchem S365	42.3765	100.0000	2534.3954	32958.2335	94.8114	1.5946	5282.4102
IMR 4350	42.3765	100.0000	2532.1441	38600.0928	87.9120	1.5365	4869.5996
Hodgdon Hybrid 100V	41.2186	100.0000	2491.7812	34150.2521	93.4100	1.5923	4862.1184
ReloadSwiss RS 70	45.3868	100.0000	2487.9480	34373.1465	83.9756	1.5871	5254.2577
Hodgdon H4350	41.6818	100.0000	2484.6742	36619.8190	86.7412	1.5708	4759.5004
Raufoss RA4	42.6080	100.0000	2465.8380	35207.0575	83.2807	1.5857	4855.3198
IMR 4831	40.8018	100.0000	2438.2198	31370.4871	89.9316	1.6477	4884.8980
ADI AR 2209	42.3765	100.0000	2437.0104	34021.1806	81.8842	1.6053	4824.3032