

CARTRIDGE: 6.5 Grendel (SAAMI)

Bullet: .264, 121, Flatline

Useable Case Capacity: 31.066 grain H₂O = 2.017 cm³

Cartridge O.A.L. L6: 2.450 inch = 62.23 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: 45500 psi, or 313 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 BL-C2	30.5359	98.0000	2659.3601	45500.0609	94.9910	1.1495	7212.2232
Winchester 748	29.1942	95.0000	2657.3959	45500.0609	96.1306	1.1439	7044.9048
Hodgdon CFE223	30.8461	97.0000	2654.9876	45500.0609	93.5399	1.1432	7227.4786
Accurate 2495	28.0157	100.0000	2654.7990	44454.3659	99.5877	1.1942	6927.8110
Accurate 2520	29.6794	98.0000	2652.5442	45500.0609	97.1264	1.1598	6984.3641
Lovex D073.6	29.5099	100.0000	2636.7979	44627.8381	96.9220	1.1697	6951.4847
Hodgdon H4895	28.1734	98.0000	2626.3461	45500.0609	94.1713	1.1610	6977.9225
Norma 202	28.0285	99.0000	2623.5223	45500.0609	97.8071	1.1607	6749.1926
Ramshot Wild Boar	29.6754	97.0000	2622.7966	45500.0609	93.1469	1.1526	6959.5853
Somchem S321	28.9876	94.0000	2617.3708	45500.0609	95.4237	1.1632	6888.3291
ADI AR 2206H	28.2134	99.0000	2615.4639	45500.0609	93.3448	1.1631	6928.6796
SNPE Vectan SP 9	29.3871	99.0000	2612.1744	45500.0609	93.2068	1.1554	6874.4295
IMR 3031	26.7706	100.0000	2604.0851	41071.3663	98.5860	1.1932	6806.8273
IMR 4895	28.6383	100.0000	2602.2377	42742.5354	92.5837	1.1856	7079.8449
Lovex D073.5	28.6430	93.0000	2598.9964	45500.0609	96.2195	1.1787	6666.5495
Accurate 2460	28.6430	93.0000	2598.9964	45500.0609	96.2195	1.1787	6666.5495
Somchem S341	30.1743	98.0000	2597.7080	45500.0609	92.9407	1.1548	6709.1813
Norma 201	27.9573	100.0000	2596.0836	45500.0609	95.1750	1.1780	6749.4700
Rottweil R901	26.5209	97.0000	2590.6298	45500.0609	97.6018	1.1924	6591.5607
Accurate 2015	25.9773	95.0000	2584.5839	45500.0609	99.7333	1.1790	6198.4013
Lovex D073.4	28.0347	91.0000	2583.8466	45500.0609	96.1035	1.1761	6529.6095
Norma 200	24.6732	88.0000	2579.4655	45500.0609	100.0000	1.1921	6065.4986
SNPE Vectan SP 7	30.0542	98.0000	2579.2775	45500.0609	90.1567	1.1699	6716.3775
Ramshot Big Game	30.5060	100.0000	2577.1515	42159.6250	91.2331	1.1846	6971.3348
Vihtavuori N540	28.9496	100.0000	2576.4830	42801.2594	97.0299	1.1876	6732.3786
Accurate 2230	28.6079	92.0000	2576.2853	45500.0609	94.2663	1.1732	6544.9517
ReloadSwiss RS 52	29.5721	100.0000	2571.5043	39857.5027	93.6559	1.2093	7082.9288
Alliant Reloder-15	28.6383	100.0000	2566.9324	41899.9413	91.2761	1.1994	6902.5220

Raufoss RA11	28.6383	100.0000	2566.9324	41899.9413	91.2761	1.1994	6902.5220
Ramshot TAC	29.5441	96.0000	2562.6513	45500.0609	89.3221	1.1687	6645.2905
Norma 203B	28.6383	100.0000	2555.5183	40964.9651	91.8090	1.2096	6885.8719
Rottweil R902	27.6110	100.0000	2543.8354	43144.1817	94.4340	1.2078	6554.1697
Lovex S062	27.8601	100.0000	2523.6570	40891.8274	93.7627	1.2250	6593.5424
IMR 4320	28.1714	100.0000	2507.9709	40703.2400	90.7555	1.2068	6518.2903
Hodgdon H380	29.2609	100.0000	2498.1731	39656.0270	88.0671	1.2347	6673.9448
Accurate 4064	28.0157	100.0000	2495.8438	36646.6789	96.0804	1.2982	6766.3275
SNPE Vectan SP 11	29.5721	100.0000	2494.4092	38040.2466	89.5375	1.2406	6778.1204
ReloadSwiss RS 50	29.7900	100.0000	2489.1606	41375.6903	86.0163	1.2164	6455.2486
Bofors RP3	28.9496	100.0000	2489.0360	36904.8469	91.6800	1.2685	6784.9193
Norma 203 old	28.9496	100.0000	2489.0360	36904.8469	91.6800	1.2685	6784.9193
IMR 4064	27.0507	100.0000	2459.9906	39289.2023	90.2113	1.2391	6279.5929
Somchem S355	28.0157	100.0000	2439.8567	36125.6031	90.4492	1.2855	6500.2761
Alliant Reloder-17	30.0391	100.0000	2437.1517	34882.5107	86.9232	1.2818	6949.1683
Elcho 17	30.0391	100.0000	2437.1517	34882.5107	86.9232	1.2818	6949.1683
IMR 4007 SSC	29.0430	100.0000	2421.9185	39361.9642	82.8948	1.2541	6207.4727
Rottweil R903	28.3270	100.0000	2419.8568	34330.9700	89.9366	1.3066	6517.1436
ReloadSwiss RS 60	30.0391	100.0000	2416.7299	34178.6825	86.8511	1.2933	6994.7950
Hodgdon H414	30.2881	100.0000	2416.6919	35834.2177	81.0533	1.2767	6546.1017
Winchester 760	30.2881	100.0000	2416.6919	35834.2177	81.0533	1.2767	6546.1017
Vihtavuori N135	25.9612	100.0000	2407.6187	34172.9563	97.1315	1.3068	6079.6558
Accurate 2700	29.8834	100.0000	2381.7116	39853.6397	82.5429	1.2561	5826.2884
Vihtavuori N550	29.2609	100.0000	2373.3815	32637.6491	84.1839	1.3237	6521.7019
PB Clermont PCL 511	30.5060	100.0000	2353.7970	33394.9971	80.3195	1.3148	6390.9692
Bofors RP7	28.1091	100.0000	2339.2193	35629.2865	80.9870	1.3099	5945.3623
Rottweil R907	28.1091	100.0000	2339.2193	35629.2865	80.9870	1.3099	5945.3623
Lovex S065	28.0157	100.0000	2319.1161	33496.6690	83.3541	1.3395	5978.2096
Vihtavuori N150	27.0196	100.0000	2291.3816	30859.9952	89.6556	1.3649	5878.5428
Norma URP	28.3270	100.0000	2287.3829	29996.4249	81.9373	1.3702	6165.8628
Lovex S070	28.3270	100.0000	2274.5792	31133.4202	79.8031	1.3711	5907.7238
ReloadSwiss RS 62	30.0079	100.0000	2272.9961	29134.0692	79.9026	1.3855	6274.4912
Ramshot Hunter	29.5721	100.0000	2265.8619	30233.7594	77.9715	1.3711	6058.0956
IMR 4350	28.4826	100.0000	2262.0624	32035.4389	78.0363	1.3501	5680.9105
Norma 204	29.5721	100.0000	2261.2347	32043.9332	74.3263	1.3465	5794.4245
Accurate 4350	28.6383	100.0000	2247.0615	27491.2826	80.7702	1.4143	6178.6746
Alliant Reloder-16	27.8912	100.0000	2226.2888	27503.4669	80.6169	1.4165	6074.2172
Hodgdon H4350	28.0157	100.0000	2215.6463	30340.1622	76.6342	1.3813	5517.5090
Somchem S365	28.4826	100.0000	2209.3031	26608.0783	82.9489	1.4348	6145.4116
Hodgdon Hybrid 100V	27.7044	100.0000	2200.2230	27865.3544	82.7473	1.4165	5716.3726
Raufoss RA4	28.6383	100.0000	2179.7166	29061.4465	72.1148	1.4025	5494.6252
ReloadSwiss RS 70	30.5060	100.0000	2164.0139	28284.0022	69.8461	1.4182	5676.0570
Rottweil R904	28.2336	100.0000	2151.6067	28912.7956	71.0135	1.4116	5247.8576