

## CARTRIDGE: 6.5 mm RSAUM

Bullet: .264, 121, Flatline

Useable Case Capacity: 64.676 grain H<sub>2</sub>O = 4.199 cm<sup>3</sup>

Cartridge O.A.L. L6: 2.900 inch = 73.66 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: 56875 psi, or 392 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 70	62.5232	98.0000	3504.6876	56875.0761	99.8163	1.1698	11643.6877
Alliant Reloder-26	64.0928	100.0000	3500.8782	54027.2390	100.0000	1.2127	11894.3288
ReloadSwiss RS 60	57.6952	92.0000	3490.5988	56875.0761	100.0000	1.1728	10740.1547
Alliant Reloder-17	57.0724	91.0000	3465.1624	56875.0761	100.0000	1.1800	10669.7444
Elcho 17	57.0724	91.0000	3465.1624	56875.0761	100.0000	1.1800	10669.7444
Norma MRP	62.2134	100.0000	3448.4238	52925.0971	99.2093	1.2202	11884.0662
Alliant Reloder-16	56.7347	98.0000	3441.9847	56875.0761	100.0000	1.1897	10554.2249
ADI AR 2209	59.1273	100.0000	3439.2437	56875.0761	98.5482	1.1717	11150.5251
ReloadSwiss RS 62	59.1744	95.0000	3437.3522	56875.0761	100.0000	1.1990	10770.4266
PB Clermont PCL 511	58.9278	93.0000	3434.6859	56875.0761	99.8455	1.1863	10933.4558
Hodgdon H414	57.0889	91.0000	3433.5218	56875.0761	99.5305	1.1867	10963.6990
Winchester 760	57.0889	91.0000	3433.5218	56875.0761	99.5305	1.1867	10963.6990
Ramshot Hunter	59.0156	96.0000	3433.0786	56875.0761	99.8443	1.1865	10917.3620
Alliant Reloder-19	59.6212	100.0000	3427.8414	56423.0940	98.5485	1.1843	11185.7088
Somchem S365	58.0070	98.0000	3425.7185	56875.0761	100.0000	1.1960	10206.8168
Norma URP	56.3054	95.0000	3414.8756	56875.0761	100.0000	1.1913	10500.0526
Vihtavuori N550	56.4788	93.0000	3413.6431	56875.0761	100.0000	1.1957	10615.7201
Accurate 4350	56.6981	95.0000	3413.2652	56875.0761	100.0000	1.2094	10520.2283
IMR 7828 SSC	61.2413	100.0000	3411.8756	52778.2864	96.8539	1.2089	11623.0368
Raufoss RA4	58.5337	98.0000	3410.6663	56875.0761	98.4016	1.1801	10920.1660
Norma 204	58.5337	95.0000	3410.6663	56875.0761	98.4016	1.1801	10920.1660
SNPE Vectan SP 11	54.8504	89.0000	3390.4140	56875.0761	100.0000	1.1890	10101.2680
IMR 4831	57.0938	100.0000	3385.3004	56351.6158	100.0000	1.2059	10268.9837
IMR 4895	51.2258	86.0000	3384.9840	56875.0761	100.0000	1.1925	10047.9449
Ramshot Big Game	54.7609	86.0000	3384.5368	56875.0761	100.0000	1.1891	10005.7304
ReloadSwiss RS 52	53.4280	87.0000	3381.6892	56875.0761	100.0000	1.1964	9868.7341
Winchester Supreme 780	62.2233	99.0000	3380.2432	56875.0761	98.5281	1.1866	10631.0061
Alliant Reloder-15	51.6937	87.0000	3377.5445	56875.0761	100.0000	1.1921	10013.1117

Raufoss RA11	51.6937	87.0000	3377.5445	56875.0761	100.0000	1.1921	10013.1117
Vihtavuori N560	60.9173	100.0000	3376.0546	50150.1377	95.7757	1.2453	11824.7284
Rottweil R904	58.1165	99.0000	3375.8231	56875.0761	97.5649	1.1820	10622.5451
Somchem S385	60.2693	100.0000	3374.3088	55634.0952	99.0884	1.2127	10707.7683
Norma 203B	51.9456	87.0000	3372.3229	56875.0761	100.0000	1.1941	9930.7102
Lovex S070	56.0567	95.0000	3372.1944	56875.0761	99.5670	1.1991	10405.0318
Hodgdon H380	53.6855	88.0000	3370.7347	56875.0761	99.9975	1.1972	10151.0124
Hodgdon Hybrid 100V	56.5556	98.0000	3368.6209	56875.0761	100.0000	1.1915	9691.5658
Hodgdon H4350	56.8779	98.0000	3368.4927	56875.0761	99.1430	1.1841	10346.5460
IMR 4350	56.7534	96.0000	3367.8796	56875.0761	99.1999	1.1841	10328.5037
ADI AR 2213	60.2693	100.0000	3363.0360	51263.0640	96.3136	1.2237	11395.5935
Bofors RP3	53.4176	89.0000	3358.8530	56875.0761	100.0000	1.2092	9798.4251
Norma 203 old	53.4176	89.0000	3358.8530	56875.0761	100.0000	1.2092	9798.4251
IMR 4320	51.9538	89.0000	3357.6089	56875.0761	100.0000	1.1789	9655.9162
Rottweil R903	53.4422	91.0000	3353.8529	56875.0761	100.0000	1.2088	9723.4767
ReloadSwiss RS 50	54.5328	88.0000	3353.5402	56875.0761	99.6972	1.1911	10100.8589
Hodgdon H4831 SC	60.2693	100.0000	3350.7606	53950.3095	96.2747	1.2057	10853.1439
Rottweil R907	54.2532	93.0000	3350.6753	56875.0761	99.1422	1.1909	10217.4685
Bofors RP7	54.2532	93.0000	3350.6753	56875.0761	99.1422	1.1909	10217.4685
IMR 4007 SSC	54.2941	90.0000	3349.8902	56875.0761	99.1406	1.1910	10210.0972
Somchem S355	52.8244	91.0000	3348.4790	56875.0761	100.0000	1.2015	9708.2020
Lovex S065	54.7439	94.0000	3347.5815	56875.0761	99.8965	1.1977	10028.8329
Alliant Reloder-22	60.2693	100.0000	3346.9864	49623.2070	97.5354	1.2565	11454.0124
Raufoss RA15	60.2693	100.0000	3346.9864	49623.2070	97.5354	1.2565	11454.0124
Accurate MAGPRO	63.3799	100.0000	3339.2983	49064.1113	93.9145	1.2660	11764.7011
Somchem S361	62.1212	98.0000	3333.9158	56875.0761	96.8686	1.1957	10360.9306
IMR 4064	50.6075	90.0000	3331.8773	56875.0761	100.0000	1.1855	9488.1084
Lovex S062	50.8968	88.0000	3322.4220	56875.0761	100.0000	1.2005	9349.6101
IMR 3031	47.9668	86.0000	3321.6068	56875.0761	100.0000	1.1984	9052.9411
Norma 201	49.6885	85.0000	3315.5191	56875.0761	100.0000	1.1999	9315.0976
Accurate 4064	51.5832	88.0000	3313.6843	56875.0761	100.0000	1.2285	9253.4058
Ramshot Magnum	64.9353	100.0000	3306.9655	48868.9890	98.0752	1.2613	11021.6410
Rottweil R902	49.9116	87.0000	3305.9735	56875.0761	100.0000	1.2011	9204.2912
Vihtavuori N150	53.7295	96.0000	3297.8880	56875.0761	100.0000	1.2017	9132.5005
Accurate 2700	55.9105	90.0000	3294.1657	56875.0761	99.0263	1.1955	9631.1633
Vihtavuori N540	52.1785	87.0000	3293.8359	56875.0761	100.0000	1.2003	9122.8124
Rottweil R905	59.1676	100.0000	3265.2828	47666.1518	95.0250	1.2798	10950.5131
Vihtavuori N135	49.6580	92.0000	3253.9421	56875.0761	100.0000	1.2098	8497.6206
Bofors RP15	58.9731	100.0000	3248.9849	45189.2058	96.2606	1.3109	11181.4045
Winchester WXR	58.9731	100.0000	3248.9849	45189.2058	96.2606	1.3109	11181.4045
Alliant Reloder-23	58.3251	100.0000	3244.4006	45003.8121	99.9856	1.3163	10508.4983
Accurate 3100	59.6212	100.0000	3236.9207	48575.2967	99.1531	1.3049	10301.7910
SNPE Vectan SP 12	63.6391	100.0000	3232.9399	44140.3380	95.0857	1.3165	11358.3734
PB Clermont PCL 517	63.6391	100.0000	3226.0980	43871.7725	94.8658	1.3201	11349.5118
Hodgdon H4831	57.9363	100.0000	3209.1340	46915.0972	94.3854	1.2828	10440.7807
IMR 7828	57.9363	100.0000	3199.9747	43267.2234	93.9319	1.3229	11003.2034
ADI AP 2214	61.8894	100.0000	3180.8842	43894.9807	94.1887	1.3159	10833.2859

Vihtavuori N165	58.9731	100.0000	3177.8780	46300.8860	97.1548	1.3042	10046.2255
Vihtavuori N160	57.1586	100.0000	3172.9723	47390.5816	95.3501	1.2856	9926.1479
Alliant Reloder-25	59.2972	100.0000	3167.9433	40353.3707	98.3546	1.3714	11038.5971
Bofors RP30	59.6212	100.0000	3042.5555	36022.7655	91.7560	1.4570	10904.7501
Norma MRP 2	59.6212	100.0000	3042.5555	36022.7655	91.7560	1.4570	10904.7501
Lovex S071	56.3809	100.0000	3042.2496	39562.1741	97.3233	1.4328	9885.2117
Vihtavuori N570	62.8615	100.0000	2994.3305	34679.8656	83.3977	1.4809	11139.9103
Hodgdon H1000	58.9731	100.0000	2981.0134	36530.4879	90.5278	1.4337	10140.4946
ADI AR 2217	58.9731	100.0000	2981.0134	36530.4879	90.5278	1.4337	10140.4946
ADI AR 2225	59.9452	100.0000	2891.7501	31656.7719	91.6569	1.5414	10560.7238
Hodgdon Retumbo	59.9452	100.0000	2891.7501	31656.7719	91.6569	1.5414	10560.7238
Alliant Reloder-33	64.6760	100.0000	2883.7956	31954.1206	81.5887	1.5446	10625.4636
Lovex D100	64.1576	100.0000	2862.0330	35818.1950	78.8477	1.4694	9135.1667
Vihtavuori N170	58.9731	100.0000	2819.5654	32836.6624	81.8212	1.5421	9218.3016
ReloadSwiss RS 80	64.6760	100.0000	2812.7890	30212.2114	80.3894	1.5865	10351.3521
Vihtavuori 24N41	63.5095	100.0000	2809.5869	33270.4373	74.6600	1.5138	9290.2456
ADI AR 2218	63.5095	100.0000	2778.8767	31067.5038	75.7198	1.5616	10059.9623
Norma 217	58.7139	100.0000	2752.8443	26852.4789	87.0866	1.6773	10250.6299
Hodgdon H870	61.5654	100.0000	2716.4447	27302.8898	79.4977	1.6658	9824.5168