

CARTRIDGE: 6.5 mm RSAUM

Bullet: .264, 121, Flatline

Useable Case Capacity: 64.676 grain H₂O = 4.199 cm³

Cartridge O.A.L. L6: 2.900 inch = 73.66 mm

Barrel Length: 28.0 inch = 711.2 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	3535.6365	56875.0761	99.8915	1.1935	11155.1338
Alliant Reloder-26	64.0928	100.0000	3532.5184	54027.2390	100.0000	1.2364	11381.0033
ReloadSwiss RS 60	57.6952	92.0000	3519.2723	56875.0761	100.0000	1.1965	10282.0961
Alliant Reloder-17	57.0724	91.0000	3493.8567	56875.0761	100.0000	1.2040	10215.1398
Elcho 17	57.0724	91.0000	3493.8567	56875.0761	100.0000	1.2040	10215.1398
Norma MRP	62.2134	100.0000	3480.5199	52925.0971	99.3745	1.2442	11401.1412
Alliant Reloder-16	56.7347	98.0000	3470.5519	56875.0761	100.0000	1.2139	10099.3777
ADI AR 2209	59.1273	100.0000	3469.4472	56875.0761	98.7453	1.1959	10703.2915
ReloadSwiss RS 62	59.1744	95.0000	3466.5394	56875.0761	100.0000	1.2232	10305.0607
PB Clermont PCL 511	58.9278	93.0000	3464.3390	56875.0761	99.9087	1.2104	10476.4055
Hodgdon H414	57.0889	91.0000	3463.2623	56875.0761	99.6426	1.2109	10508.7590
Winchester 760	57.0889	91.0000	3463.2623	56875.0761	99.6426	1.2109	10508.7590
Ramshot Hunter	59.0156	96.0000	3462.7081	56875.0761	99.9078	1.2107	10460.8610
Alliant Reloder-19	59.6212	100.0000	3458.2357	56423.0940	98.7455	1.2085	10738.2745
Somchem S365	58.0070	98.0000	3453.4801	56875.0761	100.0000	1.2202	9767.6032
IMR 7828 SSC	61.2413	100.0000	3443.5877	52778.2864	97.1580	1.2332	11167.3637
Norma URP	56.3054	95.0000	3443.5267	56875.0761	100.0000	1.2156	10051.9412
Vihtavuori N550	56.4788	93.0000	3442.6244	56875.0761	100.0000	1.2200	10166.5335
Accurate 4350	56.6981	95.0000	3441.9766	56875.0761	100.0000	1.2337	10065.5917
Raufoss RA4	58.5337	98.0000	3440.4908	56875.0761	98.6026	1.2044	10483.2477
Norma 204	58.5337	95.0000	3440.4908	56875.0761	98.6026	1.2044	10483.2477
SNPE Vectan SP 11	54.8504	89.0000	3418.1821	56875.0761	100.0000	1.2135	9672.6046
IMR 4831	57.0938	100.0000	3413.5621	56351.6158	100.0000	1.2304	9827.7413
IMR 4895	51.2258	86.0000	3412.6511	56875.0761	100.0000	1.2170	9622.2691
Ramshot Big Game	54.7609	86.0000	3412.0871	56875.0761	100.0000	1.2136	9578.5137
Winchester Supreme 780	62.2233	99.0000	3409.5397	56875.0761	98.7239	1.2111	10203.8850
ReloadSwiss RS 52	53.4280	87.0000	3408.8900	56875.0761	100.0000	1.2210	9449.8619
Vihtavuori N560	60.9173	100.0000	3408.6553	50150.1377	96.1245	1.2699	11373.2824

Alliant Reloder-15	51.6937	87.0000	3405.1741	56875.0761	100.0000	1.2167	9587.3217
Raufoss RA11	51.6937	87.0000	3405.1741	56875.0761	100.0000	1.2167	9587.3217
Rottweil R904	58.1165	99.0000	3405.1292	56875.0761	97.8004	1.2065	10201.3740
Somchem S385	60.2693	100.0000	3403.8546	55634.0952	99.2452	1.2372	10269.6502
Lovex S070	56.0567	95.0000	3400.9358	56875.0761	99.6701	1.2237	9975.1893
Norma 203B	51.9456	87.0000	3399.7697	56875.0761	100.0000	1.2188	9509.5263
Hodgdon H380	53.6855	88.0000	3398.7986	56875.0761	100.0000	1.2218	9719.7801
Hodgdon H4350	56.8779	98.0000	3397.0998	56875.0761	99.2867	1.2087	9923.9485
IMR 4350	56.7534	96.0000	3396.4446	56875.0761	99.3388	1.2088	9905.9658
Hodgdon Hybrid 100V	56.5556	98.0000	3395.4279	56875.0761	100.0000	1.2161	9273.1269
ADI AR 2213	60.2693	100.0000	3394.5979	51263.0640	96.6378	1.2483	10957.6117
Bofors RP3	53.4176	89.0000	3386.0425	56875.0761	100.0000	1.2339	9382.2642
Norma 203 old	53.4176	89.0000	3386.0425	56875.0761	100.0000	1.2339	9382.2642
IMR 4320	51.9538	89.0000	3384.4136	56875.0761	100.0000	1.2037	9245.2752
ReloadSwiss RS 50	54.5328	88.0000	3381.5955	56875.0761	99.7810	1.2158	9681.2383
Hodgdon H4831 SC	60.2693	100.0000	3380.9327	53950.3095	96.5733	1.2305	10432.6676
Rottweil R903	53.4422	91.0000	3380.8710	56875.0761	100.0000	1.2335	9307.6224
Rottweil R907	54.2532	93.0000	3379.0870	56875.0761	99.2829	1.2157	9802.2297
Bofors RP7	54.2532	93.0000	3379.0870	56875.0761	99.2829	1.2157	9802.2297
Raufoss RA15	60.2693	100.0000	3378.8509	49623.2070	97.8118	1.2813	11007.4915
Alliant Reloder-22	60.2693	100.0000	3378.8509	49623.2070	97.8118	1.2813	11007.4915
IMR 4007 SSC	54.2941	90.0000	3378.2883	56875.0761	99.2814	1.2158	9795.1411
Somchem S355	52.8244	91.0000	3375.5037	56875.0761	100.0000	1.2262	9297.1282
Lovex S065	54.7439	94.0000	3375.5025	56875.0761	99.9436	1.2225	9608.6974
Accurate MAGPRO	63.3799	100.0000	3372.0872	49064.1113	94.3208	1.2909	11323.1201
Somchem S361	62.1212	98.0000	3362.8656	56875.0761	97.1292	1.2206	9952.9256
IMR 4064	50.6075	90.0000	3358.4197	56875.0761	100.0000	1.2104	9084.5200
Lovex S062	50.8968	88.0000	3348.6540	56875.0761	100.0000	1.2255	8953.0455
IMR 3031	47.9668	86.0000	3347.0144	56875.0761	100.0000	1.2234	8667.9750
Norma 201	49.6885	85.0000	3341.7117	56875.0761	100.0000	1.2249	8922.0678
Accurate 4064	51.5832	88.0000	3339.7110	56875.0761	100.0000	1.2536	8857.9364
Ramshot Magnum	64.9353	100.0000	3337.9854	48868.9890	98.3339	1.2864	10582.2735
Rottweil R902	49.9116	87.0000	3331.9273	56875.0761	100.0000	1.2262	8814.2500
Vihtavuori N150	53.7295	96.0000	3323.7063	56875.0761	100.0000	1.2268	8747.8240
Accurate 2700	55.9105	90.0000	3321.4047	56875.0761	99.1715	1.2207	9236.3994
Vihtavuori N540	52.1785	87.0000	3319.6693	56875.0761	100.0000	1.2255	8745.9458
Rottweil R905	59.1676	100.0000	3296.4928	47666.1518	95.3860	1.3052	10534.0861
Winchester WXR	58.9731	100.0000	3281.0158	45189.2058	96.6007	1.3364	10757.0274
Bofors RP15	58.9731	100.0000	3281.0158	45189.2058	96.6007	1.3364	10757.0274
Vihtavuori N135	49.6580	92.0000	3278.2886	56875.0761	100.0000	1.2353	8135.9605
Alliant Reloder-23	58.3251	100.0000	3274.5755	45003.8121	99.9999	1.3419	10063.1808
Accurate 3100	59.6212	100.0000	3266.5449	48575.2967	99.3153	1.3305	9880.4867
SNPE Vectan SP 12	63.6391	100.0000	3265.6389	44140.3380	95.5012	1.3421	10932.6347
PB Clermont PCL 517	63.6391	100.0000	3258.8396	43871.7725	95.2899	1.3458	10925.6104
Hodgdon H4831	57.9363	100.0000	3239.4261	46915.0972	94.7517	1.3086	10048.6360
IMR 7828	57.9363	100.0000	3231.9751	43267.2234	94.3560	1.3489	10594.0970
ADI AP 2214	61.8894	100.0000	3212.5731	43894.9807	94.6239	1.3419	10430.5960

Vihtavuori N165	58.9731	100.0000	3207.3110	46300.8860	97.4348	1.3303	9652.7357
Vihtavuori N160	57.1586	100.0000	3202.1025	47390.5816	95.6752	1.3117	9546.0696
Alliant Reloder-25	59.2972	100.0000	3200.3665	40353.3707	98.6277	1.3976	10608.2422
Bofors RP30	59.6212	100.0000	3075.8676	36022.7655	92.2831	1.4843	10518.6471
Norma MRP 2	59.6212	100.0000	3075.8676	36022.7655	92.2831	1.4843	10518.6471
Lovex S071	56.3809	100.0000	3072.4594	39562.1741	97.6206	1.4600	9501.9782
Vihtavuori N570	62.8615	100.0000	3028.8967	34679.8656	84.0809	1.5085	10775.7737
Hodgdon H1000	58.9731	100.0000	3012.6505	36530.4879	91.0790	1.4615	9784.3106
ADI AR 2217	58.9731	100.0000	3012.6505	36530.4879	91.0790	1.4615	9784.3106
ADI AR 2225	59.9452	100.0000	2925.6816	31656.7719	92.3081	1.5700	10205.8429
Hodgdon Retumbo	59.9452	100.0000	2925.6816	31656.7719	92.3081	1.5700	10205.8429
Alliant Reloder-33	64.6760	100.0000	2918.0188	31954.1206	82.3202	1.5734	10290.1760
Lovex D100	64.1576	100.0000	2891.6933	35818.1950	79.4184	1.4983	8827.3354
Vihtavuori N170	58.9731	100.0000	2849.9313	32836.6624	82.3970	1.5715	8908.5010
ReloadSwiss RS 80	64.6760	100.0000	2846.9654	30212.2114	81.1734	1.6159	10034.0474
Vihtavuori 24N41	63.5095	100.0000	2840.3037	33270.4373	75.2995	1.5433	8993.0940
ADI AR 2218	63.5095	100.0000	2812.4908	31067.5038	76.6034	1.5914	9774.9422
Norma 217	58.7139	100.0000	2787.3686	26852.4789	87.8559	1.7074	9925.4396
Hodgdon H870	61.5654	100.0000	2749.9871	27302.8898	80.2877	1.6963	9527.5017
Alliant Reloder-50	64.4816	100.0000	2645.3724	24214.4057	74.6021	1.8140	9382.7867
Hodgdon 50BMG	60.5285	100.0000	2627.1534	26861.9750	66.2805	1.7107	8112.8873
Hodgdon US 869	63.5095	100.0000	2614.8353	26534.7323	69.9838	1.7275	8155.5201
SNPE Vectan SP 13	60.9173	100.0000	2551.1897	23862.0180	73.8510	1.8160	8086.1411
Accurate 8700	62.2134	100.0000	2493.3803	23526.1809	70.8895	1.8283	7811.3622