

CARTRIDGE: 6.5 mm RSAUM

Bullet: .264, 123, Flatline

Useable Case Capacity: 66.293 grain H₂O = 4.304 cm³

Cartridge O.A.L. L6: 3.035 inch = 77.09 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 or a maximum loading ratio or filling of 100 %

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)
Alliant Reloder-26	61.7732	94.0000	3315.5345	56875.0761	100.0000	1.3065	11270.3279
PB Clermont PCL 517	65.1558	100.0000	3301.7678	56875.0761	99.5713	1.2867	11622.1515
SNPE Vectan SP 12	65.0522	100.0000	3300.8551	56875.0761	99.6067	1.2870	11598.5903
Norma MRP	60.5410	95.0000	3297.5342	56875.0761	100.0000	1.3001	11426.0206
Vihtavuori N560	60.3482	97.0000	3296.8927	56875.0761	98.8980	1.2932	11802.9998
ReloadSwiss RS 70	60.0174	92.0000	3292.3072	56875.0761	100.0000	1.2828	11077.4898
IMR 7828 SSC	60.0480	96.0000	3288.2039	56875.0761	99.2306	1.2816	11443.9332
Accurate MAGPRO	63.0399	97.0000	3287.1876	56875.0761	97.9345	1.3019	11901.3914
ADI AR 2213	59.7039	97.0000	3273.6252	56875.0761	99.1467	1.2795	11351.2745
Raufoss RA15	59.8529	97.0000	3269.2074	56875.0761	99.7592	1.3001	11310.3825
Alliant Reloder-22	59.8529	97.0000	3269.2074	56875.0761	99.7592	1.3001	11310.3825
Winchester WXR	60.1346	99.0000	3267.8696	56875.0761	99.7092	1.3006	11325.8100
Bofors RP15	60.1346	99.0000	3267.8696	56875.0761	99.7092	1.3006	11325.8100
ReloadSwiss RS 60	55.0196	86.0000	3252.1405	56875.0761	100.0000	1.2910	10143.9209
IMR 7828	59.3848	100.0000	3251.7802	54813.1911	98.9796	1.3029	11362.0558
Ramshot Magnum	64.6902	97.0000	3251.0051	56875.0761	99.9719	1.2955	10819.0331
ADI AP 2214	63.4368	100.0000	3246.8890	55506.3807	99.2753	1.2922	11173.7824
Rottweil R905	59.5484	98.0000	3237.2052	56875.0761	98.8306	1.2996	11092.2741
Alliant Reloder-16	53.2673	89.0000	3231.0734	56875.0761	100.0000	1.2880	10078.5833
ADI AR 2209	56.8173	93.0000	3228.9833	56875.0761	99.6539	1.2863	10748.6051
Alliant Reloder-17	54.4160	85.0000	3228.0599	56875.0761	100.0000	1.2989	10072.8510
Elcho 17	54.4160	85.0000	3228.0599	56875.0761	100.0000	1.2989	10072.8510
Alliant Reloder-19	57.3680	94.0000	3225.1362	56875.0761	99.6744	1.2948	10790.1832
Alliant Reloder-23	59.2579	99.0000	3224.9525	56875.0761	100.0000	1.3099	10156.1243
Alliant Reloder-25	60.7797	100.0000	3219.6197	52071.0591	100.0000	1.3406	10871.1927
PB Clermont PCL 518	56.9761	90.0000	3217.9300	56875.0761	100.0000	1.3018	10456.5165
PB Clermont PCL 511	56.4274	87.0000	3214.6481	56875.0761	100.0000	1.3023	10375.6645
Winchester 760	54.6516	85.0000	3214.1594	56875.0761	99.9965	1.3026	10425.5539

Hodgdon H414	54.6516	85.0000	3214.1594	56875.0761	99.9965	1.3026	10425.5539
Ramshot Hunter	56.5159	90.0000	3213.2696	56875.0761	100.0000	1.3024	10361.6881
ReloadSwiss RS 62	56.4292	88.0000	3209.3621	56875.0761	100.0000	1.3175	10157.5311
Hodgdon H4831	58.8766	99.0000	3202.5833	56875.0761	98.6095	1.2924	10716.4363
Hodgdon H4831 SC	58.8766	95.0000	3202.5833	56875.0761	98.6095	1.2924	10716.4363
Raufoss RA4	56.2720	92.0000	3202.2010	56875.0761	99.5676	1.2946	10537.6556
Norma 204	56.2720	89.0000	3202.2010	56875.0761	99.5676	1.2946	10537.6556
Vihtavuori N550	54.0249	87.0000	3188.6834	56875.0761	100.0000	1.3125	10040.9842
Norma URP	53.8448	89.0000	3188.3859	56875.0761	100.0000	1.3089	9923.2848
Somchem S365	55.1955	91.0000	3187.7750	56875.0761	100.0000	1.3170	9619.6000
Somchem S385	58.1198	94.0000	3183.2503	56875.0761	99.9294	1.3174	10284.3877
Accurate 4350	53.9985	88.0000	3182.6990	56875.0761	100.0000	1.3292	9894.9761
Hodgdon CFE223	53.7380	81.0000	3182.0803	56875.0761	100.0000	1.3042	9832.3396
Winchester Supreme 780	59.9070	93.0000	3176.2233	56875.0761	99.6409	1.3028	10286.8545
Rottweil R904	55.9934	93.0000	3173.7017	56875.0761	99.0647	1.2955	10313.4427
Vihtavuori N165	59.9746	99.0000	3167.9696	56875.0761	99.8538	1.3079	10069.2709
IMR 4831	54.6979	93.0000	3167.6730	56875.0761	100.0000	1.3192	9707.1882
IMR 4955 Enduron	57.2987	96.0000	3166.0493	56875.0761	98.7045	1.2945	10374.0199
Accurate 3100	59.3416	97.0000	3165.2596	56875.0761	100.0000	1.3358	9954.8074
SNPE Vectan SP 11	52.4931	83.0000	3162.3470	56875.0761	100.0000	1.3063	9555.8071
Hodgdon H4350	54.7303	92.0000	3159.3842	56875.0761	99.9057	1.2983	9929.6483
IMR 4350	54.6089	90.0000	3158.4308	56875.0761	99.9248	1.2985	9906.4123
Lovex S070	53.8095	89.0000	3157.6517	56875.0761	99.9992	1.3154	9916.3482
Ramshot Big Game	52.4016	80.0000	3156.5621	56875.0761	100.0000	1.3065	9459.6839
Vihtavuori N160	58.1558	99.0000	3154.7163	56875.0761	99.0195	1.2999	10125.8105
IMR 4895	48.9997	80.0000	3153.6958	56875.0761	100.0000	1.3103	9482.0883
Alliant Reloder-15	49.4968	81.0000	3149.0134	56875.0761	100.0000	1.3098	9456.3500
Raufoss RA11	49.4968	81.0000	3149.0134	56875.0761	100.0000	1.3098	9456.3500
Hodgdon H380	51.4702	82.0000	3148.3322	56875.0761	100.0000	1.3143	9603.2676
ReloadSwiss RS 52	50.9881	81.0000	3147.1365	56875.0761	100.0000	1.3156	9308.7182
Norma 203B	49.7174	81.0000	3142.8722	56875.0761	100.0000	1.3121	9380.3202
IMR 4451 Enduron	51.9402	86.0000	3142.2646	56875.0761	99.9752	1.2935	9727.8426
Bofors RP30	61.1119	100.0000	3141.8958	48095.0073	98.3407	1.4056	11445.8792
Norma MRP 2	61.1119	100.0000	3141.8958	48095.0073	98.3407	1.4056	11445.8792
Rottweil R907	52.2812	87.0000	3141.2579	56875.0761	99.9091	1.3069	9812.3213
Bofors RP7	52.2812	87.0000	3141.2579	56875.0761	99.9091	1.3069	9812.3213
IMR 4007 SSC	52.3224	84.0000	3140.5796	56875.0761	99.9086	1.3070	9805.8830
Vihtavuori N570	64.4332	100.0000	3139.8047	45888.8089	93.2911	1.4222	12294.6715
ReloadSwiss RS 50	52.4565	83.0000	3139.7214	56875.0761	100.0000	1.3068	9622.4177
Hodgdon Hybrid 100V	54.0850	91.0000	3139.6291	56875.0761	100.0000	1.3107	9164.7721
Somchem S361	59.9284	92.0000	3138.9112	56875.0761	98.5718	1.3096	10123.9089
Lovex S065	52.6195	88.0000	3131.7420	56875.0761	100.0000	1.3144	9527.0621
IMR 4320	49.8706	83.0000	3131.3757	56875.0761	100.0000	1.2957	9145.6446
Norma 203 old	50.9647	82.0000	3126.7935	56875.0761	100.0000	1.3293	9235.9505
Bofors RP3	50.9647	82.0000	3126.7935	56875.0761	100.0000	1.3293	9235.9505
Rottweil R903	50.9977	84.0000	3122.5019	56875.0761	100.0000	1.3288	9161.9275
Somchem S355	50.5549	85.0000	3120.0177	56875.0761	100.0000	1.3203	9177.6975

IMR 4166 Enduron	49.9786	85.0000	3118.7258	56875.0761	99.9834	1.2951	9436.5107
IMR 4064	48.6552	84.0000	3108.2785	56875.0761	100.0000	1.3026	8992.7121
Lovex S062	48.7418	82.0000	3092.6998	56875.0761	100.0000	1.3202	8838.0249
Accurate 2700	54.0132	85.0000	3091.5612	56875.0761	99.8670	1.3113	9284.5833
Lovex S071	57.7906	100.0000	3087.9039	52137.5773	99.9970	1.3898	9855.0338
Rottweil R902	47.8448	81.0000	3076.7222	56875.0761	100.0000	1.3226	8706.4327
Vihtavuori N150	51.5469	89.0000	3072.7903	56875.0761	100.0000	1.3210	8667.5243
Accurate 4064	48.8467	82.0000	3072.2617	56875.0761	100.0000	1.3525	8651.3030
ADI AR 2217	60.4476	100.0000	3071.5716	46610.6359	97.7087	1.4003	10748.5958
Hodgdon H1000	60.4476	100.0000	3071.5716	46610.6359	97.7087	1.4003	10748.5958

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