

CARTRIDGE: .338 Lapua Mag.

Bullet: .338, 285, Flatline

Useable Case Capaci: 96.002 grain H₂O = 6.233 cm³

Cartridge O.A.L. L6: 4.200 inch = 106.68 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: 53301 psi, or 367 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	88.0087	93.0000	2904.2716	53301.3477	100.0000	1.5106	9534.1834
PB Clermont PCL 517	92.9280	98.0000	2904.2549	53301.3477	99.9760	1.4880	9885.2228
SNPE Vectan SP 12	92.7767	98.0000	2903.0851	53301.3477	99.9839	1.4883	9860.8419
Vihtavuori N560	85.7601	95.0000	2896.0592	53301.3477	99.6541	1.4959	10033.0964
Accurate MAGPRO	89.7573	95.0000	2894.2786	53301.3477	99.0249	1.5038	10190.1765
Norma MRP	86.1068	93.0000	2891.0466	53301.3477	100.0000	1.5039	9637.5063
IMR 7828 SSC	85.3212	94.0000	2884.6374	53301.3477	99.8340	1.4846	9690.2397
IMR 7828	85.3212	99.0000	2884.6374	53301.3477	99.8340	1.4846	9690.2397
ReloadSwiss RS 70	85.2434	90.0000	2881.4254	53301.3477	100.0000	1.4865	9328.8011
ADI AP 2214	90.9594	99.0000	2873.5254	53301.3477	99.9271	1.4803	9525.4062
ADI AR 2213	84.8176	95.0000	2871.9593	53301.3477	99.7907	1.4828	9631.3426
Raufoss RA15	85.0784	95.0000	2867.9522	53301.3477	99.9998	1.5040	9555.5797
Alliant Reloder-22	85.0784	95.0000	2867.9522	53301.3477	99.9998	1.5040	9555.5797
Bofors RP15	85.4811	98.0000	2867.4457	53301.3477	99.9959	1.5044	9577.0196
Winchester WXR	85.4811	98.0000	2867.4457	53301.3477	99.9959	1.5044	9577.0196
Alliant Reloder-25	88.0182	100.0000	2866.9192	51778.3707	100.0000	1.5108	9247.7675
Ramshot Magnum	92.2534	96.0000	2854.1837	53301.3477	100.0000	1.4993	9150.6271
Rottweil R905	84.6453	96.0000	2841.7377	53301.3477	99.6020	1.5044	9419.1691
ReloadSwiss RS 60	77.9712	84.0000	2831.3098	53301.3477	100.0000	1.4996	8517.8612
Vihtavuori N570	93.3089	100.0000	2826.4355	45090.2402	96.1534	1.6010	10888.2393
ADI AR 2209	80.5823	92.0000	2826.0847	53301.3477	99.9836	1.4923	9054.8111
Alliant Reloder-19	81.3461	92.0000	2823.7314	53301.3477	99.9864	1.5009	9093.1174
Alliant Reloder-23	84.2736	97.0000	2817.3849	53301.3477	100.0000	1.5177	8573.4896
Alliant Reloder-16	75.3879	87.0000	2813.1267	53301.3477	100.0000	1.4969	8419.0590
PB Clermont PCL 518	80.7974	88.0000	2812.9252	53301.3477	100.0000	1.5091	8778.2106
Bofors RP30	88.4991	100.0000	2812.5517	47478.6871	99.6300	1.5834	9901.1914
Norma MRP 2	88.4991	100.0000	2812.5517	47478.6871	99.6300	1.5834	9901.1914
Elcho 17	77.1101	83.0000	2811.5283	53301.3477	100.0000	1.5086	8451.4692

Alliant Reloder-17	77.1101	83.0000	2811.5283	53301.3477	100.0000	1.5086	8451.4692
Hodgdon H4831 SC	83.6115	93.0000	2809.0967	53301.3477	99.4487	1.4983	9108.5739
Hodgdon H4831	83.6115	97.0000	2809.0967	53301.3477	99.4487	1.4983	9108.5739
PB Clermont PCL 511	79.9898	85.0000	2808.3869	53301.3477	100.0000	1.5102	8706.2416
Winchester 760	77.4249	83.0000	2807.3864	53301.3477	100.0000	1.5105	8712.7389
Hodgdon H414	77.4249	83.0000	2807.3864	53301.3477	100.0000	1.5105	8712.7389
Ramshot Hunter	80.1177	88.0000	2807.2349	53301.3477	100.0000	1.5104	8695.1412
ReloadSwiss RS 62	80.1365	86.0000	2802.6267	53301.3477	100.0000	1.5265	8526.3406
Norma 204	79.7685	87.0000	2801.8762	53301.3477	99.9556	1.5023	8876.6768
Raufoss RA4	79.7685	90.0000	2801.8762	53301.3477	99.9556	1.5023	8876.6768
Somchem S385	82.5742	92.0000	2787.2008	53301.3477	100.0000	1.5254	8644.5711
Winchester Supreme 780	85.1765	91.0000	2784.0490	53301.3477	99.9792	1.5103	8705.0939
Vihtavuori N550	76.5465	85.0000	2781.4035	53301.3477	100.0000	1.5222	8421.7428
Norma URP	76.3077	87.0000	2779.8912	53301.3477	100.0000	1.5187	8312.0865
Accurate 4350	76.7934	87.0000	2778.0176	53301.3477	100.0000	1.5399	8302.0036
Rottweil R904	79.3243	91.0000	2776.9532	53301.3477	99.7077	1.5039	8703.7356
Somchem S365	78.3725	89.0000	2776.8124	53301.3477	100.0000	1.5283	8080.8681
Vihtavuori N165	85.2389	97.0000	2774.6260	53301.3477	100.0000	1.5159	8478.7414
IMR 4955 Enduron	81.1749	94.0000	2772.8124	53301.3477	99.4787	1.5024	8796.3481
Accurate 3100	84.6360	96.0000	2772.7067	53301.3477	100.0000	1.5450	8397.9644
IMR 4831	77.6106	92.0000	2762.9150	53301.3477	100.0000	1.5300	8136.3871
Vihtavuori N160	82.4804	97.0000	2762.8135	53301.3477	99.6787	1.5081	8563.3226
Hodgdon H4350	77.4375	89.0000	2758.2028	53301.3477	100.0000	1.5080	8301.6966
IMR 4350	77.2575	88.0000	2756.8982	53301.3477	100.0000	1.5083	8278.8711
Lovex S070	76.1940	87.0000	2756.4070	53301.3477	100.0000	1.5250	8285.6894
Somchem S361	85.0484	90.0000	2752.7720	53301.3477	99.3855	1.5174	8598.8751
SNPE Vectan SP 11	74.2573	81.0000	2752.0431	53301.3477	100.0000	1.5181	7991.5246
ADI AR 2217	87.5372	100.0000	2751.4307	46089.6031	99.3372	1.5789	9317.2699
Hodgdon H1000	87.5372	100.0000	2751.4307	46089.6031	99.3372	1.5789	9317.2699
Alliant Reloder-33	96.0023	100.0000	2745.2720	41590.2038	95.4293	1.6628	10604.7152
Lovex S071	83.6894	100.0000	2744.6023	51296.5017	100.0000	1.5712	8360.7604
Hodgdon H380	72.8244	81.0000	2741.7910	53301.3477	100.0000	1.5262	8018.1723
Bofors RP7	73.8864	85.0000	2740.0629	53301.3477	100.0000	1.5170	8184.7659
Rottweil R907	73.8864	85.0000	2740.0629	53301.3477	100.0000	1.5170	8184.7659
IMR 4007 SSC	73.9458	82.0000	2739.4990	53301.3477	100.0000	1.5171	8179.7781
IMR 4451 Enduron	73.2988	84.0000	2737.6654	53301.3477	100.0000	1.5043	8104.7538
ReloadSwiss RS 50	74.1282	81.0000	2735.9692	53301.3477	100.0000	1.5179	8016.5610
Hodgdon Hybrid 100V	76.6761	90.0000	2732.5849	53301.3477	100.0000	1.5237	7670.0333
Lovex S065	74.4072	86.0000	2728.8666	53301.3477	100.0000	1.5257	7952.2251
IMR 7977 Enduron	86.7363	99.0000	2728.1257	53301.3477	94.4545	1.5073	8705.5955
Bofors RP3	72.2501	81.0000	2720.3248	53301.3477	100.0000	1.5431	7732.7780
Norma 203 old	72.2501	81.0000	2720.3248	53301.3477	100.0000	1.5431	7732.7780
IMR 4320	70.4090	81.0000	2719.0651	53301.3477	100.0000	1.5099	7614.4429
Rottweil R903	72.2885	83.0000	2716.2901	53301.3477	100.0000	1.5428	7660.1508
Somchem S355	71.5097	83.0000	2712.6721	53301.3477	100.0000	1.5343	7665.4943
IMR 4166 Enduron	70.3545	83.0000	2712.2275	53301.3477	100.0000	1.5069	7819.7131
ADI AR 2225	88.9801	100.0000	2710.3083	40541.2060	99.9864	1.6740	9611.5470

Hodgdon Retumbo	88.9801	100.0000	2710.3083	40541.2060	99.9864	1.6740	9611.5470
ReloadSwiss RS 80	96.0023	100.0000	2697.8997	39298.3621	95.2807	1.7034	10475.6626
IMR 4064	68.6107	82.0000	2697.5262	53301.3477	100.0000	1.5177	7467.6762
Accurate 2700	76.3588	83.0000	2696.8303	53301.3477	100.0000	1.5228	7745.5992
ADI AR 2218	94.2708	100.0000	2682.5180	39352.9141	93.4425	1.6912	10678.4414
Vihtavuori N150	72.9556	87.0000	2669.9842	53301.3477	100.0000	1.5374	7258.1034
Accurate 4064	69.4132	80.0000	2669.8196	53301.3477	100.0000	1.5686	7247.0406
Lovex D100	95.2328	100.0000	2658.3228	45602.9090	91.0144	1.6163	9046.5011
Vihtavuori 24N41	94.2708	100.0000	2640.3194	41819.3902	88.5212	1.6602	9488.5814
Norma 217	87.1524	100.0000	2627.0674	35694.0316	99.1468	1.7911	9768.6640
Vihtavuori N135	67.0132	84.0000	2613.8608	53301.3477	100.0000	1.5545	6673.7366
Vihtavuori N170	87.5372	100.0000	2613.5734	42202.8183	93.4611	1.6888	8984.1129
Hodgdon H870	91.3850	100.0000	2603.9447	35593.5566	94.6358	1.7885	9986.1169
Alliant Reloder-50	95.7137	100.0000	2556.4350	32894.6920	91.1211	1.8765	10235.8127

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