

CARTRIDGE: .338 Lapua Mag.

Bullet: .338, 255.5, Flatline

Useable Case Capacity: 95.924 grain H₂O = 6.228 cm³

Cartridge O.A.L. L6: 4.050 inch = 102.87 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: 53301 psi, or 367 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)
Alliant Reloder-26	87.3387	92.0000	2944.7885	53301.3477	100.0000	1.3765	10626.4983
PB Clermont PCL 517	92.4033	98.0000	2926.7812	53301.3477	99.1663	1.3571	10972.2877
SNPE Vectan SP 12	92.2524	98.0000	2926.0953	53301.3477	99.2166	1.3573	10950.9520
Norma MRP	85.4950	93.0000	2921.3765	53301.3477	99.9398	1.3723	10767.6253
Alliant Reloder-25	87.9462	100.0000	2920.3450	52731.6591	100.0000	1.3648	10352.2098
ReloadSwiss RS 70	84.7905	90.0000	2917.7981	53301.3477	100.0000	1.3539	10446.3798
Vihtavuori N560	85.2173	94.0000	2915.5797	53301.3477	98.3385	1.3663	11056.9071
IMR 7828 SSC	84.8798	93.0000	2908.8489	53301.3477	98.7415	1.3539	10736.1258
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Accurate MAGPRO	89.1119	95.0000	2906.8190	53301.3477	97.1916	1.3754	11148.7057
ADI AP 2214	90.4890	99.0000	2896.0329	53301.3477	98.9508	1.3489	10568.2772
ADI AR 2213	84.3898	94.0000	2895.8539	53301.3477	98.6441	1.3514	10646.2637
Raufoss RA15	84.4846	95.0000	2892.7485	53301.3477	99.4590	1.3737	10622.8622
Alliant Reloder-22	84.4846	95.0000	2892.7485	53301.3477	99.4590	1.3737	10622.8622
Bofors RP15	84.8843	97.0000	2891.5749	53301.3477	99.3859	1.3742	10636.2255
Winchester WXR	84.8843	97.0000	2891.5749	53301.3477	99.3859	1.3742	10636.2255
Ramshot Magnum	91.7392	95.0000	2884.4139	53301.3477	99.8210	1.3655	10240.3822
Bofors RP5 NT ~approximation	88.2317	98.0000	2862.7364	53301.3477	96.9285	1.3562	10516.0093
Alliant Reloder-23	83.6278	97.0000	2861.6757	53301.3477	100.0000	1.3823	9547.3716
Rottweil R905	84.0819	96.0000	2860.9143	53301.3477	98.2639	1.3743	10386.9829
ADI AR 2209	80.1545	91.0000	2854.5617	53301.3477	99.3202	1.3604	10071.3493
Norma MRP 2	88.4268	100.0000	2852.9300	48958.8774	98.4868	1.4229	10923.4139
Bofors RP30	88.4268	100.0000	2852.9300	48958.8774	98.4868	1.4229	10923.4139
Vihtavuori N570	93.2326	100.0000	2852.5977	46717.1325	93.5084	1.4327	11765.9589
Alliant Reloder-19	80.8501	91.0000	2850.1541	53301.3477	99.3431	1.3700	10107.1165
Ramshot Hunter	79.5746	87.0000	2842.0890	53301.3477	100.0000	1.3780	9729.0409
ReloadSwiss RS 62	79.4151	86.0000	2840.0820	53301.3477	100.0000	1.3939	9522.7215
Alliant Reloder-16	76.0813	88.0000	2839.8951	53301.3477	100.0000	1.3840	9301.0152

Hodgdon H4831 SC	83.1269	93.0000	2829.2591	53301.3477	98.0052	1.3676	10027.8871
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Norma 204	79.3043	87.0000	2828.2273	53301.3477	99.2012	1.3709	9861.7485
Raufoss RA4	79.3043	90.0000	2828.2273	53301.3477	99.2012	1.3709	9861.7485
Somchem S365	77.6908	88.0000	2825.8768	53301.3477	100.0000	1.3912	8994.9918
Norma URP	75.7211	87.0000	2819.4962	53301.3477	100.0000	1.3860	9286.8557
Somchem S385	81.9062	92.0000	2813.5563	53301.3477	99.7414	1.3951	9653.8821
Accurate 4350	75.9067	86.0000	2813.0723	53301.3477	100.0000	1.4091	9255.6238
Winchester Supreme 780	84.6293	91.0000	2808.8090	53301.3477	99.2910	1.3783	9665.9854
Vihtavuori N165	84.6618	97.0000	2801.8885	53301.3477	99.6035	1.3835	9466.3263
IMR 4831	76.9219	91.0000	2801.4295	53301.3477	100.0000	1.3972	9087.1525
Rottweil R904	78.9103	91.0000	2801.1688	53301.3477	98.5669	1.3725	9636.1237
Accurate 3100	83.6576	95.0000	2800.2468	53301.3477	100.0000	1.4139	9369.2727
Lovex S071	83.6210	100.0000	2799.1244	53225.0253	100.0000	1.4148	9367.5700
Hodgdon H4350	77.0472	89.0000	2790.3052	53301.3477	99.7069	1.3753	9295.3822
IMR 4350	76.8597	87.0000	2789.1263	53301.3477	99.7397	1.3758	9273.3089
Lovex S070	75.6852	87.0000	2787.2729	53301.3477	99.9307	1.3960	9289.9581
Vihtavuori N160	82.0266	97.0000	2786.0226	53301.3477	98.5018	1.3764	9475.1170
ADI AR 2217	87.4656	100.0000	2785.9444	47374.7659	97.8430	1.4186	10255.3717
Hodgdon H1000	87.4656	100.0000	2785.9444	47374.7659	97.8430	1.4186	10255.3717
Hodgdon Hybrid 100V	76.1180	89.0000	2779.4357	53301.3477	100.0000	1.3870	8572.1773
Alliant Reloder-33	95.9238	100.0000	2773.5933	43554.9285	92.6959	1.4744	11410.3255
Somchem S361	84.5816	90.0000	2772.4577	53301.3477	97.9682	1.3869	9478.9223
Lovex S065	73.9936	86.0000	2765.0939	53301.3477	100.0000	1.3960	8922.9242
Hodgdon Retumbo	88.9074	100.0000	2754.7531	42362.2545	99.3474	1.4838	10645.8775
ADI AR 2225	88.9074	100.0000	2754.7531	42362.2545	99.3474	1.4838	10645.8775
ReloadSwiss RS 80	95.9238	100.0000	2728.5934	41441.9197	92.5151	1.4998	11253.1249
Vihtavuori N150	72.4013	87.0000	2717.0468	53301.3477	100.0000	1.4007	8086.2551
ADI AR 2218	94.1938	100.0000	2707.6622	41234.3755	89.9804	1.4927	11362.1201
Norma 217	87.0812	100.0000	2676.6426	38204.1168	97.7616	1.5557	10677.3114
Lovex D100	95.1549	100.0000	2675.9958	47075.2871	87.8224	1.4518	9695.0021
Vihtavuori 24N41	94.1938	100.0000	2658.9113	43464.1084	85.0491	1.4780	10092.2789
Hodgdon H870	91.3103	100.0000	2640.5310	37984.1696	91.9893	1.5579	10722.5602
Vihtavuori N170	87.4656	100.0000	2637.5015	44102.4391	90.7165	1.5069	9688.9804
Alliant Reloder-50	95.6355	100.0000	2601.6253	36022.5224	88.4227	1.6036	10923.3748
amRA NC1214 Lot20115087	93.5209	100.0000	2540.4852	38210.9941	80.1370	1.6121	10071.0872
Hodgdon US 869	94.1938	100.0000	2489.7697	36190.3956	81.2288	1.5999	9407.9857
Hodgdon 50BMG	89.7724	100.0000	2488.3217	36446.5279	76.9720	1.5932	9368.4817
SNPE Vectan SP 13	90.3491	100.0000	2451.5335	33697.9354	86.0079	1.6471	9298.8255
Accurate 8700	92.2714	100.0000	2423.2682	32778.0309	84.6677	1.6539	9224.2927