

## CARTRIDGE: .338 Lapua Mag.

Bullet: .338, 255.5, Flatline

Useable Case Capacity: 95.924 grain H<sub>2</sub>O = 6.228 cm<sup>3</sup>

Cartridge O.A.L. L6: 4.050 inch = 102.87 mm

Barrel Length: 30.0 inch = 762.0 mm



For more data sheets, videos  
and to order online, visit:

[warner-tool.com](http://warner-tool.com)

*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	93.3972	98.0000	3224.8773	53301.3477	100.0000	1.3673	9767.0845
Norma MRP	91.1589	99.0000	3198.2216	53301.3477	99.9189	1.3650	9875.6336
ReloadSwiss RS 70	89.9226	95.0000	3181.4238	53301.3477	99.9934	1.3527	9553.4802
Vihtavuori N560	90.3491	100.0000	3178.1840	52712.1203	98.1194	1.3676	10077.5773
IMR 7828 SSC	89.9173	99.0000	3170.6139	53301.3477	98.5478	1.3525	9770.4424
ReloadSwiss RS 60	82.7121	89.0000	3156.5005	53301.3477	100.0000	1.3574	8745.6698
ADI AR 2213	89.2332	100.0000	3153.9467	53301.3477	98.4191	1.3519	9681.2045
Accurate MAGPRO	94.0015	100.0000	3150.4043	51718.1090	96.7330	1.3875	10095.7564
Raufoss RA15	89.3880	100.0000	3146.6043	52257.9015	99.2702	1.3798	9687.6106
Alliant Reloder-22	89.3880	100.0000	3146.6043	52257.9015	99.2702	1.3798	9687.6106
Alliant Reloder-17	81.7741	88.0000	3132.7344	53301.3477	100.0000	1.3664	8683.7253
Elcho 17	81.7741	88.0000	3132.7344	53301.3477	100.0000	1.3664	8683.7253
ADI AR 2209	84.9238	97.0000	3116.7317	53301.3477	99.1788	1.3584	9188.6106
Alliant Reloder-19	85.7644	97.0000	3114.1183	53301.3477	99.2183	1.3674	9230.7750
Ramshot Magnum	96.3083	100.0000	3112.3495	51468.3919	99.6064	1.3833	9275.0459
ReloadSwiss RS 62	84.8290	92.0000	3110.9125	53301.3477	100.0000	1.3875	8761.7814
Alliant Reloder-16	81.2523	94.0000	3110.7087	53301.3477	100.0000	1.3783	8567.3980
PB Clermont PCL 511	84.4885	90.0000	3109.8740	53301.3477	99.9941	1.3739	8935.2285
Ramshot Hunter	84.6188	93.0000	3108.4666	53301.3477	99.9938	1.3741	8922.8610
Winchester 760	81.7887	87.0000	3106.7635	53301.3477	99.8561	1.3751	8953.1619
Hodgdon H414	81.7887	87.0000	3106.7635	53301.3477	99.8561	1.3751	8953.1619
Somchem S365	83.1371	95.0000	3096.2103	53301.3477	100.0000	1.3845	8297.3172
Raufoss RA4	84.0202	95.0000	3089.2361	53301.3477	99.0483	1.3687	8994.7196
Norma 204	84.0202	92.0000	3089.2361	53301.3477	99.0483	1.3687	8994.7196
Hodgdon H4831 SC	87.9559	98.0000	3087.7296	53301.3477	97.7921	1.3656	9113.3612
Norma URP	80.6352	92.0000	3086.3810	53301.3477	100.0000	1.3810	8538.1430
Vihtavuori N550	80.8501	89.0000	3086.2703	53301.3477	100.0000	1.3857	8643.5651
Accurate 4350	81.2382	92.0000	3085.5041	53301.3477	100.0000	1.4005	8540.1434

Somchem S385	87.0703	97.0000	3076.8834	53301.3477	99.6619	1.3905	8825.6644
Rottweil R905	87.7540	100.0000	3071.8713	50188.3993	97.5336	1.4063	9343.9879
IMR 4831	82.0113	97.0000	3067.3580	53301.3477	100.0000	1.3919	8354.4577
Winchester Supreme 780	89.5823	96.0000	3065.9758	53301.3477	99.1563	1.3753	8793.7091
Bofors RP15	87.4656	100.0000	3061.9401	47678.3277	98.5223	1.4364	9524.7650
Winchester WXR	87.4656	100.0000	3061.9401	47678.3277	98.5223	1.4364	9524.7650
SNPE Vectan SP 11	78.4506	86.0000	3060.1501	53301.3477	100.0000	1.3799	8204.2340
SNPE Vectan SP 12	94.3860	100.0000	3059.8530	46548.6549	97.8884	1.4394	9730.9804
Rottweil R904	83.4255	96.0000	3056.6684	53301.3477	98.3426	1.3719	8760.1978
PB Clermont PCL 517	94.3860	100.0000	3054.2798	46265.8275	97.7408	1.4432	9733.7614
Lovex S070	80.2627	92.0000	3047.7281	53301.3477	99.8666	1.3918	8496.3599
Hodgdon H4350	81.5136	94.0000	3045.8431	53301.3477	99.5883	1.3748	8474.0905
IMR 4350	81.3287	92.0000	3045.0020	53301.3477	99.6282	1.3749	8456.1159
Alliant Reloder-23	86.5045	100.0000	3043.3058	47660.9562	100.0000	1.4418	8671.9453
Hodgdon H380	76.7982	85.0000	3042.2698	53301.3477	100.0000	1.3903	8239.2276
Hodgdon Hybrid 100V	81.0491	95.0000	3040.7070	53301.3477	100.0000	1.3825	7868.6283
Accurate 3100	88.4268	100.0000	3037.3308	51423.4333	99.9705	1.4290	8571.6616
Bofors RP3	76.3524	85.0000	3028.8598	53301.3477	100.0000	1.4037	7943.4186
Norma 203 old	76.3524	85.0000	3028.8598	53301.3477	100.0000	1.4037	7943.4186
Bofors RP7	77.7080	90.0000	3026.8179	53301.3477	99.5887	1.3842	8359.9994
Rottweil R907	77.7080	90.0000	3026.8179	53301.3477	99.5887	1.3842	8359.9994
IMR 4007 SSC	77.7703	87.0000	3026.1926	53301.3477	99.5877	1.3843	8354.4422
IMR 4320	74.2749	85.0000	3025.2423	53301.3477	100.0000	1.3714	7821.8852
Rottweil R903	76.3923	87.0000	3023.8040	53301.3477	100.0000	1.4035	7873.4869
Lovex S065	78.3442	91.0000	3022.3442	53301.3477	99.9994	1.3916	8161.2113
Somchem S361	89.2993	95.0000	3022.2897	53301.3477	97.7156	1.3867	8584.0550
IMR 7828	85.9278	100.0000	3020.8635	45506.5575	96.9244	1.4509	9436.7978
Somchem S355	75.4728	87.0000	3018.1675	53301.3477	100.0000	1.3960	7870.0664
Hodgdon H4831	85.9278	100.0000	3015.0941	49194.7137	96.9764	1.4139	8940.9465
ADI AP 2214	91.7909	100.0000	3006.0101	46071.0836	97.2023	1.4436	9304.1494
IMR 4064	72.2879	87.0000	2999.5432	53301.3477	100.0000	1.3803	7674.0037
Alliant Reloder-25	87.9462	100.0000	2994.7199	42589.0908	99.8461	1.4975	9285.3045
Vihtavuori N165	87.4656	100.0000	2982.2832	48707.3218	98.9881	1.4352	8491.1555
Accurate 2700	80.1516	87.0000	2974.7928	53301.3477	99.4867	1.3907	7884.4195
Vihtavuori N160	84.7744	100.0000	2973.8301	49586.1179	97.6246	1.4199	8453.6978
Vihtavuori N150	76.8780	92.0000	2972.0697	53301.3477	100.0000	1.3973	7423.9900
Vihtavuori N135	70.8069	88.0000	2922.7569	53301.3477	100.0000	1.4096	6851.8842
Bofors RP30	88.4268	100.0000	2896.3476	38298.5631	95.5570	1.5831	9471.9233
Norma MRP 2	88.4268	100.0000	2896.3476	38298.5631	95.5570	1.5831	9471.9233
Lovex S071	83.6210	100.0000	2871.1905	42177.8318	99.2570	1.5605	8343.6562
Vihtavuori N570	93.2326	100.0000	2867.9955	36756.1669	88.5679	1.6072	9917.6039
ADI AR 2217	87.4656	100.0000	2831.5724	38493.0109	94.5729	1.5675	8837.8175
Hodgdon H1000	87.4656	100.0000	2831.5724	38493.0109	94.5729	1.5675	8837.8175
ADI AR 2225	88.9074	100.0000	2771.7342	33542.5461	96.2474	1.6724	9267.6421
Hodgdon Retumbo	88.9074	100.0000	2771.7342	33542.5461	96.2474	1.6724	9267.6421
Alliant Reloder-33	95.9238	100.0000	2771.7118	33915.4636	87.1591	1.6732	9547.0737
Lovex D100	95.1549	100.0000	2716.7943	37771.2228	83.2469	1.6085	8104.7465

ReloadSwiss RS 80	95.9238	100.0000	2711.7771	32103.9453	86.4183	1.7164	9365.9678
Vihtavuori N170	87.4656	100.0000	2681.1752	34923.3837	86.3040	1.6803	8156.4220
ADI AR 2218	94.1938	100.0000	2681.1627	32821.9926	82.6758	1.6972	9275.0499
Vihtavuori 24N41	94.1938	100.0000	2680.2578	35046.4592	79.6696	1.6536	8348.0664
Norma 217	87.0812	100.0000	2660.2021	28800.1188	92.9026	1.8053	9139.5113
Hodgdon H870	91.3103	100.0000	2622.4714	29125.1238	85.6922	1.7988	8909.4876
Alliant Reloder-50	95.6355	100.0000	2543.1490	26119.6224	80.6537	1.9090	8902.1941
Hodgdon 50BMG	89.7724	100.0000	2490.4342	28525.6845	70.9094	1.8249	7623.3716
Hodgdon US 869	94.1938	100.0000	2483.0422	28174.3194	74.8480	1.8404	7668.5589
SNPE Vectan SP 13	90.3491	100.0000	2431.7494	25528.8425	79.1826	1.9258	7609.2136
Accurate 8700	92.2714	100.0000	2383.3758	25090.7841	76.7970	1.9406	7437.6212