

## CARTRIDGE: .300 Win. Mag.(SAAMI)

Bullet: .308, 180, Flatline - F T/R

Useable Case Capacity: 81.648 grain H<sub>2</sub>O = 5.301 cm<sup>3</sup>

Cartridge O.A.L. L6: 3.700 inch = 93.98 mm

Barrel Length: 26.0 inch = 660.4 mm



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*Predicted Data for Indicated Charges of the Following Powders.*

Matching Maximum Pressure: 56000 psi, or 386 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	80.5915	100.0000	3356.4795	56000.0638	99.9952	1.1750	11901.7432
Norma MRP	78.5389	100.0000	3310.5060	55548.1810	98.9010	1.1784	11877.0182
ReloadSwiss RS 70	77.7165	97.0000	3305.0624	56000.0638	99.3020	1.1625	11563.0448
ReloadSwiss RS 60	71.5794	91.0000	3303.9357	56000.0638	100.0000	1.1644	10657.6972
Alliant Reloder-17	70.7720	90.0000	3275.8081	56000.0638	100.0000	1.1728	10590.4664
Elcho 17	70.7720	90.0000	3275.8081	56000.0638	100.0000	1.1728	10590.4664
IMR 7828 SSC	77.3117	100.0000	3265.7838	55107.1494	96.2089	1.1719	11573.4934
Alliant Reloder-16	70.2188	96.0000	3246.7138	56000.0638	100.0000	1.1853	10471.0475
Somchem S365	71.7914	96.0000	3239.1410	56000.0638	100.0000	1.1894	10107.7835
ReloadSwiss RS 62	73.2027	93.0000	3238.1503	56000.0638	99.9168	1.1949	10693.4829
Vihtavuori N560	76.9027	100.0000	3235.7869	52756.6306	95.1699	1.2045	11771.2323
ADI AR 2209	73.4528	98.0000	3234.6161	56000.0638	97.5444	1.1674	10991.0822
PB Clermont PCL 511	73.0468	91.0000	3233.6348	56000.0638	99.4050	1.1824	10830.0920
Ramshot Hunter	73.1576	94.0000	3232.1418	56000.0638	99.4023	1.1826	10814.6891
Alliant Reloder-19	74.1795	99.0000	3230.7199	56000.0638	97.6319	1.1764	11044.0738
Hodgdon H414	70.7336	89.0000	3228.2470	56000.0638	98.8951	1.1842	10825.5420
Winchester 760	70.7336	89.0000	3228.2470	56000.0638	98.8951	1.1842	10825.5420
ADI AR 2213	76.0846	100.0000	3219.6187	53593.1561	95.6653	1.1859	11345.0455
Norma URP	69.6996	94.0000	3216.2268	56000.0638	99.9435	1.1883	10422.9129
Vihtavuori N550	69.8809	91.0000	3213.8310	56000.0638	99.9076	1.1935	10530.0151
Alliant Reloder-22	76.0846	100.0000	3211.3270	52356.7534	97.0928	1.2140	11420.0993
Raufoss RA15	76.0846	100.0000	3211.3270	52356.7534	97.0928	1.2140	11420.0993
Accurate 4350	69.9374	93.0000	3210.1741	56000.0638	99.9544	1.2075	10412.1825
Raufoss RA4	72.6433	97.0000	3204.1226	56000.0638	97.3675	1.1776	10753.6442
Norma 204	72.6433	93.0000	3204.1226	56000.0638	97.3675	1.1776	10753.6442
Accurate MAGPRO	80.0115	100.0000	3202.5327	51882.8622	93.2315	1.2209	11701.8271
Hodgdon H4831 SC	76.0218	100.0000	3198.2845	56000.0638	95.5350	1.1740	10805.1974
SNPE Vectan SP 11	67.8957	87.0000	3195.8913	56000.0638	100.0000	1.1867	10019.9037

IMR 4831	70.8004	98.0000	3195.7664	56000.0638	99.9705	1.1987	10202.7260
Somchem S385	75.1357	99.0000	3191.2867	56000.0638	98.4316	1.1984	10609.5253
Hodgdon Hybrid 100V	70.0528	96.0000	3178.8548	56000.0638	100.0000	1.1871	9619.7952
Winchester Supreme 780	77.3244	97.0000	3178.4703	56000.0638	97.4885	1.1820	10495.2876
Ramshot Magnum	81.9750	100.0000	3176.5553	51674.6160	97.6098	1.2140	10993.3173
Norma 203B	64.2301	85.0000	3174.8392	56000.0638	100.0000	1.1950	9832.7659
Rottweil R904	72.1669	97.0000	3169.3122	56000.0638	96.3750	1.1799	10446.7114
Hodgdon H380	66.4313	86.0000	3169.0833	56000.0638	99.8354	1.1985	10057.6298
Lovex S070	69.4314	93.0000	3167.3473	56000.0638	98.9800	1.2002	10280.3930
Hodgdon H4350	70.5832	96.0000	3166.1603	56000.0638	98.3694	1.1821	10216.9236
IMR 4350	70.4265	94.0000	3165.7225	56000.0638	98.4477	1.1827	10201.0336
IMR 4320	64.3756	87.0000	3163.9714	56000.0638	100.0000	1.1771	9577.8663
Bofors RP3	65.8519	87.0000	3162.0296	56000.0638	100.0000	1.2102	9670.6284
Norma 203 old	65.8519	87.0000	3162.0296	56000.0638	100.0000	1.2102	9670.6284
Rottweil R903	65.9006	89.0000	3156.7118	56000.0638	100.0000	1.2099	9602.5921
Somchem S355	65.2716	89.0000	3152.7090	56000.0638	100.0000	1.2025	9607.0231
ReloadSwiss RS 50	67.6399	86.0000	3151.8154	56000.0638	99.1992	1.1922	9998.2527
Lovex S065	67.8356	92.0000	3146.2501	56000.0638	99.5500	1.1999	9937.1611
Bofors RP7	67.3631	91.0000	3146.1208	56000.0638	98.4150	1.1936	10097.7740
Rottweil R907	67.3631	91.0000	3146.1208	56000.0638	98.4150	1.1936	10097.7740
IMR 4007 SSC	67.4145	88.0000	3145.3856	56000.0638	98.4126	1.1937	10090.7748
IMR 4064	62.7361	88.0000	3136.8902	56000.0638	100.0000	1.1862	9418.8745
Alliant Reloder-23	73.6302	100.0000	3129.7871	48172.9113	99.9609	1.2581	10483.3732
Rottweil R905	74.6938	100.0000	3129.6918	50474.1008	94.4531	1.2344	10894.0009
Somchem S361	77.1867	96.0000	3129.5801	56000.0638	95.5300	1.1939	10195.8184
Lovex S062	62.8968	86.0000	3128.5831	56000.0638	100.0000	1.2030	9242.5488
Bofors RP15	74.4483	100.0000	3122.6700	48155.5968	95.8659	1.2565	11136.0003
Winchester WXR	74.4483	100.0000	3122.6700	48155.5968	95.8659	1.2565	11136.0003
Accurate 3100	75.2665	100.0000	3117.9143	52396.3732	98.9994	1.2512	10269.3973
Accurate 4064	63.1051	86.0000	3116.5803	56000.0638	100.0000	1.2334	9038.8911
SNPE Vectan SP 12	80.3388	100.0000	3112.7796	47180.6226	94.5832	1.2542	11299.2568
Vihtavuori N150	66.4703	94.0000	3110.2212	56000.0638	100.0000	1.2004	9040.6135
PB Clermont PCL 517	80.3388	100.0000	3106.5743	46923.2594	94.3631	1.2568	11289.4198
Accurate 2700	69.5154	89.0000	3094.3306	56000.0638	98.2614	1.1974	9536.7267
IMR 7828	73.1394	100.0000	3075.8548	46110.0519	93.4615	1.2636	10930.6501
Hodgdon H4831	73.1394	100.0000	3072.3403	49496.5212	93.7623	1.2394	10385.6712
Vihtavuori N135	61.1972	90.0000	3069.4721	56000.0638	100.0000	1.2100	8346.0735
Alliant Reloder-25	74.8574	100.0000	3062.2822	43492.8178	98.2279	1.2961	10992.1501
ADI AP 2214	78.1299	100.0000	3058.4427	46658.6024	93.6148	1.2575	10763.7460
Vihtavuori N165	74.4483	100.0000	3048.0826	49205.9598	96.7338	1.2566	10010.0824
Vihtavuori N160	72.1576	100.0000	3034.1145	49957.3110	94.7567	1.2463	9881.8445
Bofors RP30	75.2665	100.0000	2952.3046	39678.1030	91.8144	1.3521	10860.4701
Norma MRP 2	75.2665	100.0000	2952.3046	39678.1030	91.8144	1.3521	10860.4701
Lovex S071	71.1759	100.0000	2943.9424	43846.9706	97.3524	1.3432	9835.2197
Vihtavuori N570	79.3570	100.0000	2909.8157	38240.3810	83.4710	1.3658	11103.3961
Hodgdon H1000	74.4483	100.0000	2883.2813	39656.1138	90.3616	1.3440	10079.9876