

CARTRIDGE: .300 Win. Mag.(SAAMI)

Bullet: .308, 160, Flatline

Useable Case Capacity: 85.057 grain H₂O = 5.523 cm³

Cartridge O.A.L. L6: 3.600 inch = 91.44 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	84.0622	100.0000	3464.4315	56000.0638	99.9508	1.1448	12282.7913
ReloadSwiss RS 70	81.0679	97.0000	3412.1627	56000.0638	99.0468	1.1315	11903.5471
Norma MRP	81.8180	100.0000	3411.9019	55287.4724	98.5562	1.1499	12202.9994
IMR 7828 SSC	80.5396	100.0000	3365.8385	54863.8621	95.6464	1.1429	11865.6083
Somchem S365	74.9373	96.0000	3351.0998	56000.0638	100.0000	1.1562	10465.1564
ReloadSwiss RS 62	76.3956	93.0000	3346.8848	56000.0638	99.8160	1.1628	11052.4443
Vihtavuori N560	80.1135	100.0000	3333.5764	52505.9582	94.5496	1.1752	12052.6004
Accurate 4350	73.0057	93.0000	3319.7747	56000.0638	99.8735	1.1745	10776.7982
ADI AR 2213	79.2612	100.0000	3318.2343	53349.5050	95.0698	1.1561	11621.3772
Alliant Reloder-22	79.2612	100.0000	3309.2743	52090.4054	96.5785	1.1848	11711.0127
Raufoss RA15	79.2612	100.0000	3309.2743	52090.4054	96.5785	1.1848	11711.0127
Hodgdon H4831 SC	79.2612	100.0000	3300.8351	55899.7289	95.0192	1.1422	11082.9696
Accurate MAGPRO	83.3521	100.0000	3298.0925	51661.7574	92.5544	1.1908	11962.3371
Somchem S385	78.3925	99.0000	3296.6448	56000.0638	98.1065	1.1656	10920.8646
Winchester Supreme 780	80.6601	98.0000	3282.5892	56000.0638	97.0994	1.1498	10782.0974
Ramshot Magnum	85.3975	100.0000	3272.7543	51479.1617	97.1415	1.1837	11272.2653
Accurate 4064	65.9103	86.0000	3229.5202	56000.0638	100.0000	1.1986	9381.3399
Alliant Reloder-23	76.7044	100.0000	3227.1368	47884.9013	99.8574	1.2270	10818.9633
Rottweil R905	77.8123	100.0000	3225.1218	50205.7165	93.8049	1.2040	11157.0965
Bofors RP15	77.5566	100.0000	3216.8535	47899.5675	95.2535	1.2258	11406.5730
Winchester WXR	77.5566	100.0000	3216.8535	47899.5675	95.2535	1.2258	11406.5730
Accurate 3100	78.4089	100.0000	3215.0651	52116.6438	98.6759	1.2208	10567.8957
SNPE Vectan SP 12	83.6930	100.0000	3204.3042	46989.3219	93.8888	1.2236	11549.4779
PB Clermont PCL 517	83.6930	100.0000	3197.7687	46733.2141	93.6567	1.2262	11537.2807
IMR 7828	76.1930	100.0000	3168.0476	45868.1422	92.7054	1.2324	11182.7788
Hodgdon H4831	76.1930	100.0000	3166.9286	49242.2171	93.0970	1.2081	10632.0052
Alliant Reloder-25	77.9828	100.0000	3153.1319	43259.4161	97.7221	1.2647	11278.5171
ADI AP 2214	81.3919	100.0000	3149.3561	46465.6388	92.8723	1.2256	11000.3874

Vihtavuori N165	77.5566	100.0000	3142.5762	48946.4217	96.2124	1.2246	10271.6246
Norma MRP 2	78.4089	100.0000	3037.1034	39464.7672	90.9525	1.3189	11082.1892
Bofors RP30	78.4089	100.0000	3037.1034	39464.7672	90.9525	1.3189	11082.1892
Lovex S071	74.1476	100.0000	3033.4043	43568.9318	96.8189	1.3100	10099.7386
Vihtavuori N570	82.6703	100.0000	2990.5589	38080.8781	82.4282	1.3328	11275.2443
ADI AR 2217	77.5566	100.0000	2967.2993	39465.0744	89.4375	1.3098	10278.7105
Hodgdon H1000	77.5566	100.0000	2967.2993	39465.0744	89.4375	1.3098	10278.7105
Hodgdon Retumbo	78.8351	100.0000	2906.9120	35017.2571	91.1991	1.3748	10740.3836
ADI AR 2225	78.8351	100.0000	2906.9120	35017.2571	91.1991	1.3748	10740.3836
Alliant Reloder-33	85.0566	100.0000	2893.0239	35543.7663	80.9190	1.3731	10779.4298
Lovex D100	84.3748	100.0000	2836.5291	38946.3499	77.4869	1.3412	9226.9729
ReloadSwiss RS 80	85.0566	100.0000	2833.3027	33887.4689	80.0006	1.3980	10522.1894
Vihtavuori N170	77.5566	100.0000	2803.8053	36498.0086	80.8656	1.3885	9357.0526
ADI AR 2218	83.5225	100.0000	2802.9039	34366.1822	75.3153	1.3876	10203.2116
Vihtavuori 24N41	83.5225	100.0000	2799.3995	36372.5528	73.5731	1.3659	9381.4471
Norma 217	77.2157	100.0000	2797.4934	30872.1098	87.4935	1.4478	10482.6771
Hodgdon H870	80.9657	100.0000	2749.6580	31113.3033	79.5994	1.4467	10033.6590
Alliant Reloder-50	84.8010	100.0000	2675.1409	28732.5776	74.7981	1.5300	9963.3728
Hodgdon 50BMG	79.6021	100.0000	2608.4381	30387.3322	65.2969	1.4691	8510.0433
Hodgdon US 869	83.5225	100.0000	2603.5904	30136.3059	69.1081	1.4774	8567.8876
SNPE Vectan SP 13	80.1135	100.0000	2559.3225	27783.0722	73.5810	1.5227	8553.0543
Accurate 8700	81.8180	100.0000	2514.9173	27302.3354	70.9116	1.5304	8276.1090