

CARTRIDGE: .300 Win. Mag.(SAAMI)

Bullet: .308, 180, Flatline - F T/R, Friction Proofed
Useable Case Capacity: 75.359 grain H₂O = 4.893 cm³
Cartridge O.A.L. L6: 3.340 inch = 84.84 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: 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	74.5658	100.0000	3195.9782	56000.0638	100.0000	1.3654	9391.0089
Norma MRP	72.4897	100.0000	3154.4598	55140.0959	99.9591	1.3746	9497.0143
ReloadSwiss RS 70	71.8461	97.0000	3150.0611	56000.0638	100.0000	1.3543	9193.8673
ReloadSwiss RS 60	66.1147	91.0000	3120.7027	56000.0638	100.0000	1.3609	8396.3455
IMR 7828 SSC	71.3571	100.0000	3117.8155	54771.6370	98.6490	1.3681	9390.0782
Elcho 17	65.3614	90.0000	3096.4667	56000.0638	100.0000	1.3706	8336.5941
Alliant Reloder-17	65.3614	90.0000	3096.4667	56000.0638	100.0000	1.3706	8336.5941
Vihtavuori N560	70.9795	100.0000	3094.3192	52290.0768	97.9283	1.4039	9623.4829
ADI AR 2209	67.8695	98.0000	3082.6564	56000.0638	99.3933	1.3630	8864.1963
Alliant Reloder-19	68.5614	99.0000	3080.8380	56000.0638	99.4278	1.3715	8911.4033
PB Clermont PCL 511	67.5357	91.0000	3075.2951	56000.0638	100.0000	1.3785	8593.0801
ReloadSwiss RS 62	67.7417	93.0000	3075.1364	56000.0638	100.0000	1.3913	8404.5860
ADI AR 2213	70.2244	100.0000	3074.6818	53229.6738	98.2835	1.3857	9256.2565
Ramshot Hunter	67.6392	94.0000	3073.9174	56000.0638	100.0000	1.3787	8581.4451
Alliant Reloder-16	64.9166	96.0000	3073.1791	56000.0638	100.0000	1.3830	8211.1971
Hodgdon H414	65.3792	89.0000	3070.5835	56000.0638	99.9426	1.3806	8605.4175
Winchester 760	65.3792	89.0000	3070.5835	56000.0638	99.9426	1.3806	8605.4175
Accurate MAGPRO	73.8489	100.0000	3067.2317	51235.3956	96.4555	1.4239	9643.0372
Raufoss RA15	70.2244	100.0000	3064.9862	51874.0525	99.1589	1.4160	9256.4423
Alliant Reloder-22	70.2244	100.0000	3064.9862	51874.0525	99.1589	1.4160	9256.4423
Somchem S365	66.3930	96.0000	3059.2974	56000.0638	100.0000	1.3884	7952.0659
Raufoss RA4	67.1404	97.0000	3053.9641	56000.0638	99.2729	1.3742	8677.4718
Norma 204	67.1404	94.0000	3053.9641	56000.0638	99.2729	1.3742	8677.4718
Hodgdon H4831 SC	70.2244	100.0000	3052.6473	55914.4749	98.0885	1.3712	8807.1970
Vihtavuori N550	64.6184	91.0000	3049.6457	56000.0638	100.0000	1.3914	8306.3594
Norma URP	64.4357	94.0000	3048.9616	56000.0638	100.0000	1.3869	8194.9375
Accurate 4350	64.7788	93.0000	3046.3222	56000.0638	100.0000	1.4057	8170.6489
Somchem S385	69.5316	99.0000	3042.2386	56000.0638	99.7898	1.3948	8497.0283

Winchester Supreme 780	71.5086	98.0000	3032.0758	56000.0638	99.3459	1.3794	8486.8122
Ramshot Magnum	75.6611	100.0000	3030.7731	50955.1378	99.4731	1.4199	8881.6696
IMR 4831	65.5020	98.0000	3029.7548	56000.0638	100.0000	1.3973	8012.1477
Rottweil R904	66.6834	97.0000	3020.8504	56000.0638	98.6275	1.3784	8457.4752
Lovex S070	64.1645	93.0000	3010.5903	56000.0638	99.9485	1.3987	8169.7276
Hodgdon H380	61.3798	86.0000	3002.5829	56000.0638	100.0000	1.3984	7903.9821
Hodgdon Hybrid 100V	64.7511	96.0000	3001.8106	56000.0638	100.0000	1.3890	7539.2499
Rottweil R905	68.9407	100.0000	2990.1984	49943.8198	97.3509	1.4436	8911.7746
Somchem S361	71.3709	96.0000	2988.7980	56000.0638	98.0131	1.3921	8305.5124
Bofors RP7	62.1504	91.0000	2988.1909	56000.0638	99.7424	1.3935	8049.7581
Rottweil R907	62.1504	91.0000	2988.1909	56000.0638	99.7424	1.3935	8049.7581
Bofors RP3	60.9476	87.0000	2987.6075	56000.0638	100.0000	1.4117	7606.6616
Norma 203 old	60.9476	87.0000	2987.6075	56000.0638	100.0000	1.4117	7606.6616
IMR 4007 SSC	62.1984	88.0000	2987.5174	56000.0638	99.7412	1.3936	8044.3961
Bofors RP15	68.7142	100.0000	2983.9937	47506.2741	98.4078	1.4725	9092.5491
Winchester WXR	68.7142	100.0000	2983.9937	47506.2741	98.4078	1.4725	9092.5491
Lovex S065	62.6480	92.0000	2983.7065	56000.0638	100.0000	1.4001	7838.5837
Rottweil R903	60.9853	89.0000	2982.2950	56000.0638	100.0000	1.4116	7534.7543
SNPE Vectan SP 12	74.1509	100.0000	2981.0553	46295.3232	97.6576	1.4749	9300.6594
Somchem S355	60.3262	89.0000	2977.4622	56000.0638	100.0000	1.4047	7547.1303
PB Clermont PCL 517	74.1509	100.0000	2975.6811	46027.1564	97.5045	1.4787	9302.7389
Alliant Reloder-23	67.9591	100.0000	2969.2194	47499.6639	100.0000	1.4764	8273.6136
Accurate 3100	69.4693	100.0000	2961.2023	51404.0551	99.9522	1.4636	8180.8179
IMR 7828	67.5060	100.0000	2942.4455	45445.9069	96.7643	1.4870	8992.5233
Accurate 4064	58.5579	86.0000	2936.7997	56000.0638	100.0000	1.4373	7112.5757
Hodgdon H4831	67.5060	100.0000	2934.0315	49014.2329	96.7898	1.4524	8526.0075
ADI AP 2214	72.1122	100.0000	2927.3697	45899.9406	96.9583	1.4805	8880.6418
Alliant Reloder-25	69.0918	100.0000	2923.1751	42604.0032	99.8170	1.5314	8866.5053
Vihtavuori N165	68.7142	100.0000	2903.9177	48557.2047	98.8743	1.4729	8101.4420
Vihtavuori N160	66.5999	100.0000	2893.0806	49453.3332	97.4645	1.4594	8057.6910
Norma MRP 2	69.4693	100.0000	2829.3458	38490.0887	95.4827	1.6150	9038.7038
Bofors RP30	69.4693	100.0000	2829.3458	38490.0887	95.4827	1.6150	9038.7038
Lovex S071	65.6938	100.0000	2802.8881	42555.4883	99.2479	1.5931	7945.7569
Vihtavuori N570	73.2448	100.0000	2801.1319	36935.6288	88.3614	1.6392	9466.8241
Hodgdon H1000	68.7142	100.0000	2762.1367	38658.8389	94.4265	1.6026	8425.1063
ADI AR 2217	68.7142	100.0000	2762.1367	38658.8389	94.4265	1.6026	8425.1063
Hodgdon Retumbo	69.8469	100.0000	2713.2827	33884.0037	96.2609	1.7028	8852.4908
ADI AR 2225	69.8469	100.0000	2713.2827	33884.0037	96.2609	1.7028	8852.4908
Alliant Reloder-33	75.3591	100.0000	2710.3954	34182.5419	86.9768	1.7038	9126.6769
ReloadSwiss RS 80	75.3591	100.0000	2654.3540	32445.4839	86.2964	1.7456	8957.2757
Lovex D100	74.7550	100.0000	2646.3465	37871.8718	82.8583	1.6466	7727.4855
ADI AR 2218	73.9999	100.0000	2623.8373	33119.8085	82.5433	1.7293	8859.1407
Vihtavuori N170	68.7142	100.0000	2616.2569	35314.8618	86.1985	1.7153	7783.6564
Vihtavuori 24N41	73.9999	100.0000	2614.7222	35254.7474	79.3678	1.6894	7961.4636
Norma 217	68.4122	100.0000	2612.5016	29398.6736	93.1632	1.8248	8735.4618
Hodgdon H870	71.7346	100.0000	2571.9858	29635.1633	85.8181	1.8217	8528.3148
Alliant Reloder-50	75.1326	100.0000	2502.2113	26801.0496	80.9411	1.9074	8545.8623

Hodgdon 50BMG	70.5265	100.0000	2436.0820	29027.8113	70.9131	1.8510	7286.0904
Hodgdon US 869	73.9999	100.0000	2430.8977	28657.9356	74.8156	1.8645	7336.0564
SNPE Vectan SP 13	70.9795	100.0000	2387.1171	26176.4916	79.4325	1.9356	7293.2321
Accurate 8700	72.4897	100.0000	2341.6063	25709.0642	77.0700	1.9482	7130.8153
Shermont PCL 513/520/9520	70.9795	100.0000	2321.7534	24705.5642	75.9023	1.9846	7009.7967
Vihtavuori 20N29	74.7550	100.0000	2311.1595	24394.2600	73.4941	1.9934	7119.7048