

CARTRIDGE: .300 Win. Mag.(SAAMI)

Bullet: .308, 198, Flatline, Friction Proofed
Useable Case Capacity: 82.840 grain H₂O = 5.379 cm³
Cartridge O.A.L. L6: 3.895 inch = 98.93 mm
Barrel Length: 28.0 inch = 711.2 mm



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Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 62000 psi, or 427 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	79.7696	97.0000	3115.8229	62000.1276	100.0000	1.3146	11053.9323
Vihtavuori N560	77.9726	100.0000	3114.3402	62000.1276	99.7992	1.3002	11675.9854
Norma MRP	78.2182	98.0000	3105.5263	62000.1276	100.0000	1.3077	11190.7747
Accurate MAGPRO	81.1795	100.0000	3101.9271	61400.0086	99.2039	1.3128	11822.9291
IMR 7828 SSC	77.4640	99.0000	3101.3586	62000.1276	99.9283	1.2900	11255.9207
ReloadSwiss RS 70	77.4863	95.0000	3096.1048	62000.1276	100.0000	1.2922	10840.4471
ADI AR 2213	77.0362	100.0000	3088.4557	62000.1276	99.8993	1.2881	11193.0062
Raufoss RA15	77.1953	100.0000	3076.4980	61529.9378	100.0000	1.3117	11093.8332
Alliant Reloder-22	77.1953	100.0000	3076.4980	61529.9378	100.0000	1.3117	11093.8332
Ramshot Magnum	83.1717	100.0000	3057.8985	61736.7302	100.0000	1.3060	10555.6520
ReloadSwiss RS 60	71.1459	89.0000	3041.6540	62000.1276	100.0000	1.3051	9952.8194
ADI AR 2209	73.4183	97.0000	3040.6004	62000.1276	100.0000	1.2964	10546.6861
Alliant Reloder-19	74.2146	97.0000	3038.8285	62000.1276	100.0000	1.3039	10602.2703
SNPE Vectan SP 12	81.5115	100.0000	3023.4693	55595.3459	99.8434	1.3571	11279.8478
Elcho 17	70.4516	88.0000	3022.8840	62000.1276	100.0000	1.3117	9884.0324
Alliant Reloder-17	70.4516	88.0000	3022.8840	62000.1276	100.0000	1.3117	9884.0324
Winchester 760	70.8012	88.0000	3022.3796	62000.1276	100.0000	1.3121	10187.8428
Hodgdon H414	70.8012	88.0000	3022.3796	62000.1276	100.0000	1.3121	10187.8428
Hodgdon H4831 SC	76.0273	98.0000	3022.3070	62000.1276	99.6326	1.3012	10608.7736
PB Clermont PCL 511	73.0712	90.0000	3021.6528	62000.1276	100.0000	1.3122	10168.5289
Ramshot Hunter	73.1835	93.0000	3020.3842	62000.1276	100.0000	1.3123	10154.8245
PB Clermont PCL 517	81.5115	100.0000	3019.0664	55240.9259	99.8004	1.3605	11297.7718
Raufoss RA4	72.7680	95.0000	3016.2794	62000.1276	99.9964	1.3044	10353.7888
Norma 204	72.7680	92.0000	3016.2794	62000.1276	99.9964	1.3044	10353.7888
ReloadSwiss RS 62	73.1138	91.0000	3013.5444	62000.1276	100.0000	1.3267	9951.9749
Rottweil R905	75.7842	100.0000	3011.5841	58884.9697	99.5533	1.3368	10872.7581
Alliant Reloder-16	70.0776	94.0000	3006.6748	62000.1276	100.0000	1.3201	9741.6584
Winchester WXR	75.5351	100.0000	2998.8129	56233.8982	99.9279	1.3650	10992.0856

Bofors RP15	75.5351	100.0000	2998.8129	56233.8982	99.9279	1.3650	10992.0856
Somchem S385	75.2291	97.0000	2997.9828	62000.1276	100.0000	1.3248	10066.1876
Vihtavuori N550	70.0660	90.0000	2993.6388	62000.1276	100.0000	1.3223	9860.1061
Winchester Supreme 780	77.3142	96.0000	2992.6868	62000.1276	99.9999	1.3115	10100.5607
Norma URP	69.7817	92.0000	2991.1881	62000.1276	100.0000	1.3195	9726.1708
Rottweil R904	72.4106	96.0000	2991.1113	62000.1276	99.8467	1.3053	10171.3905
Accurate 4350	70.0124	92.0000	2987.2074	62000.1276	100.0000	1.3375	9687.7202
Somchem S365	71.5045	94.0000	2983.8742	62000.1276	100.0000	1.3291	9441.2236
IMR 4831	70.9121	97.0000	2972.2284	62000.1276	100.0000	1.3292	9512.9206
IMR 7828	74.2070	100.0000	2970.0510	53352.6496	99.3644	1.3782	11011.6197
Lovex S070	69.7366	92.0000	2968.6523	62000.1276	100.0000	1.3237	9697.0845
ADI AP 2214	79.2704	100.0000	2966.1278	53907.8553	99.5806	1.3677	10849.0974
Somchem S361	77.4805	95.0000	2963.5031	62000.1276	99.5884	1.3171	10032.5652
Accurate 3100	76.3652	100.0000	2962.5742	60748.3380	100.0000	1.3541	9725.4450
Alliant Reloder-23	74.7051	100.0000	2959.0520	56847.7903	100.0000	1.3701	9858.7313
Hodgdon H380	66.7529	86.0000	2953.5217	62000.1276	100.0000	1.3246	9404.0964
Rottweil R907	67.6901	90.0000	2953.1800	62000.1276	100.0000	1.3161	9587.2562
Bofors RP7	67.6901	90.0000	2953.1800	62000.1276	100.0000	1.3161	9587.2562
IMR 4007 SSC	67.7424	87.0000	2952.5555	62000.1276	100.0000	1.3162	9581.0516
Hodgdon H4831	74.2070	100.0000	2951.6364	57134.7060	99.2315	1.3487	10450.8987
Lovex S065	68.2082	91.0000	2939.9664	62000.1276	100.0000	1.3239	9324.1182
Hodgdon Hybrid 100V	70.0386	95.0000	2938.8518	62000.1276	100.0000	1.3240	8971.1109
Alliant Reloder-25	75.9502	100.0000	2934.2771	50397.0318	100.0000	1.4203	10518.8501
Norma 203 old	66.1995	86.0000	2928.5669	62000.1276	100.0000	1.3396	9071.7187
Bofors RP3	66.1995	86.0000	2928.5669	62000.1276	100.0000	1.3396	9071.7187
Rottweil R903	66.2321	88.0000	2924.4155	62000.1276	100.0000	1.3393	8987.1857
Somchem S355	65.6562	88.0000	2922.2215	62000.1276	100.0000	1.3316	9009.8623
Vihtavuori N165	75.5351	100.0000	2913.0457	56853.4740	99.9927	1.3673	9757.6934
Vihtavuori N160	73.2110	100.0000	2902.4889	56966.8894	99.5059	1.3587	9841.0784
Accurate 4064	63.7428	85.0000	2875.2451	62000.1276	100.0000	1.3610	8528.2335
Vihtavuori N570	80.5155	100.0000	2866.6926	43859.8635	94.0192	1.5110	12055.8882
Bofors RP30	76.3652	100.0000	2865.2775	46125.4974	98.7546	1.4925	11145.7233
Norma MRP 2	76.3652	100.0000	2865.2775	46125.4974	98.7546	1.4925	11145.7233
Lovex S071	72.2149	100.0000	2810.7231	50091.9327	100.0000	1.4763	9517.0037
Hodgdon H1000	75.5351	100.0000	2803.3863	44994.6928	98.2486	1.4850	10466.8840
ADI AR 2217	75.5351	100.0000	2803.3863	44994.6928	98.2486	1.4850	10466.8840
Alliant Reloder-33	82.8396	100.0000	2780.4667	40478.6830	93.0742	1.5704	11691.8980
ADI AR 2225	76.7802	100.0000	2755.9715	39560.2777	99.4670	1.5787	10871.2421
Hodgdon Retumbo	76.7802	100.0000	2755.9715	39560.2777	99.4670	1.5787	10871.2421
ReloadSwiss RS 80	82.8396	100.0000	2729.4278	38279.1035	92.7809	1.6092	11529.1828
ADI AR 2218	81.3455	100.0000	2708.8320	38446.4512	90.3547	1.5960	11658.3272
Lovex D100	82.1756	100.0000	2702.4601	44455.3631	88.6317	1.5198	9949.6036
Vihtavuori 24N41	81.3455	100.0000	2677.6138	40863.6858	85.7668	1.5625	10366.9184
Norma 217	75.2031	100.0000	2663.1572	34753.1779	97.7267	1.6935	10922.7965
Vihtavuori N170	75.5351	100.0000	2657.1382	41235.7358	91.2993	1.5896	9907.4123
Hodgdon H870	78.8554	100.0000	2633.9727	34717.9794	92.0657	1.6897	10966.9357
Alliant Reloder-50	82.5906	100.0000	2578.1783	31980.4914	88.0238	1.7772	11148.9302

Hodgdon 50BMG	77.5273	100.0000	2494.7463	33461.9824	77.3410	1.7228	9596.3985
Hodgdon US 869	81.3455	100.0000	2491.5286	33103.5308	81.4595	1.7348	9632.0607
SNPE Vectan SP 13	78.0253	100.0000	2441.5330	30309.3584	85.8956	1.8121	9490.2844
Accurate 8700	79.6854	100.0000	2406.9032	29522.6585	84.4000	1.8249	9414.7646
Vihtavuori 20N29	82.1756	100.0000	2378.8910	28186.8365	80.7886	1.8757	9434.3073