

CARTRIDGE: .300 Norma Mag

Bullet: .308, 198, Flatline

Useable Case Capacity: 94.788 grain H₂O = 6.154 cm³

Cartridge O.A.L. L6: 3.765 inch = 95.63 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: 55839 psi, or 385 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)
Vihtavuori N570	92.1283	100.0000	3288.8418	52725.5751	96.7276	1.4100	12196.4091
Alliant Reloder-26	84.3245	90.0000	3283.3705	55839.5071	100.0000	1.3952	10518.3006
PB Clermont PCL 517	89.4524	96.0000	3280.4944	55839.5071	99.8591	1.3723	10938.0786
SNPE Vectan SP 12	89.3015	96.0000	3279.2932	55839.5071	99.8788	1.3726	10912.8201
Vihtavuori N560	82.6697	93.0000	3273.1733	55839.5071	99.3554	1.3786	11115.7949
Alliant Reloder-25	85.4374	98.0000	3271.9736	55839.5071	100.0000	1.3747	10277.0506
Norma MRP	82.8231	91.0000	3269.7317	55839.5071	100.0000	1.3870	10682.8298
ReloadSwiss RS 70	82.2749	88.0000	3267.1263	55839.5071	100.0000	1.3676	10373.4929
IMR 7828	82.3771	97.0000	3266.1403	55839.5071	99.6209	1.3659	10775.0820
IMR 7828 SSC	82.3771	92.0000	3266.1403	55839.5071	99.6209	1.3659	10775.0820
Bofors RP30	87.3794	100.0000	3265.9598	55182.6147	99.7744	1.3982	11070.2735
Norma MRP 2	87.3794	100.0000	3265.9598	55182.6147	99.7744	1.3982	11070.2735
Accurate MAGPRO	86.3765	93.0000	3264.5359	55839.5071	98.5637	1.3880	11238.9351
ADI AP 2214	87.8928	97.0000	3255.3757	55839.5071	99.7866	1.3605	10578.6733
ADI AR 2213	82.0197	93.0000	3254.1129	55839.5071	99.5686	1.3627	10708.1673
Alliant Reloder-22	82.0011	93.0000	3244.3787	55839.5071	99.9469	1.3857	10614.9550
Raufoss RA15	82.0011	93.0000	3244.3787	55839.5071	99.9469	1.3857	10614.9550
Winchester WXR	82.3942	95.0000	3243.3825	55839.5071	99.9217	1.3861	10634.1684
Bofors RP15	82.3942	95.0000	3243.3825	55839.5071	99.9217	1.3861	10634.1684
Ramshot Magnum	88.7448	93.0000	3225.3446	55839.5071	100.0000	1.3835	10144.4255
Rottweil R905	81.7023	94.0000	3214.9555	55839.5071	99.3075	1.3850	10462.9698
ADI AR 2209	77.9979	90.0000	3205.8255	55839.5071	99.8915	1.3710	10112.5282
Alliant Reloder-33	94.7877	100.0000	3204.1844	49230.6180	96.2369	1.4521	11867.1476
Alliant Reloder-19	78.7163	90.0000	3201.7467	55839.5071	99.9013	1.3790	10147.5142
Alliant Reloder-23	81.0353	95.0000	3193.8931	55839.5071	100.0000	1.3977	9497.4672
ADI AR 2217	86.4297	100.0000	3192.0659	52468.0143	99.5023	1.4002	10445.6254
Hodgdon H1000	86.4297	100.0000	3192.0659	52468.0143	99.5023	1.4002	10445.6254
Ramshot Hunter	77.4500	86.0000	3186.5265	55839.5071	100.0000	1.3879	9704.4925

Hodgdon H4831 SC	80.9371	92.0000	3182.6128	55839.5071	99.1361	1.3770	10136.0268
Hodgdon H4831	80.9371	95.0000	3182.6128	55839.5071	99.1361	1.3770	10136.0268
Raufoss RA4	77.2879	88.0000	3179.7870	55839.5071	99.8395	1.3794	9923.7522
Norma 204	77.2879	86.0000	3179.7870	55839.5071	99.8395	1.3794	9923.7522
Alliant Reloder-16	73.9378	87.0000	3176.8730	55839.5071	100.0000	1.3954	9290.5374
Hodgdon Retumbo	87.8543	100.0000	3159.8493	47233.6412	100.0000	1.4644	10677.4033
ADI AR 2225	87.8543	100.0000	3159.8493	47233.6412	100.0000	1.4644	10677.4033
Norma URP	73.7502	85.0000	3159.5957	55839.5071	100.0000	1.3949	9289.4952
Somchem S385	79.6948	90.0000	3157.9551	55839.5071	100.0000	1.4046	9643.5333
ReloadSwiss RS 80	94.7877	100.0000	3157.9462	46787.6852	96.2445	1.4764	11722.6148
Somchem S365	75.3869	87.0000	3154.8266	55839.5071	100.0000	1.4043	8980.5149
Winchester Supreme 780	82.3389	89.0000	3154.0672	55839.5071	99.8867	1.3888	9693.5193
Rottweil R904	76.9986	89.0000	3153.2894	55839.5071	99.4873	1.3795	9742.9765
Vihtavuori N165	82.3460	95.0000	3144.2391	55839.5071	99.9857	1.3942	9461.0556
ADI AR 2218	93.0781	100.0000	3143.2557	45867.4176	94.5965	1.4694	11989.9347
IMR 4831	74.8826	89.0000	3138.1553	55839.5071	100.0000	1.4061	9082.0604
Hodgdon H4350	75.2289	88.0000	3137.0767	55839.5071	99.9981	1.3822	9333.2327
Accurate 3100	81.2305	93.0000	3136.5371	55839.5071	100.0000	1.4245	9311.4426
Lovex S071	81.2305	98.0000	3136.5371	55839.5071	100.0000	1.4245	9311.4426
IMR 4350	75.0490	86.0000	3135.5999	55839.5071	99.9999	1.3826	9308.3768
Vihtavuori N160	79.9933	95.0000	3134.7828	55839.5071	99.4541	1.3844	9570.0916
Lovex S070	73.8741	85.0000	3132.1911	55839.5071	100.0000	1.4021	9302.7704
Somchem S361	82.4899	89.0000	3120.4583	55839.5071	99.1046	1.3948	9590.3489
Hodgdon Hybrid 100V	74.0760	88.0000	3109.2978	55839.5071	100.0000	1.3978	8578.2004
Norma 217	86.0498	100.0000	3083.0061	43262.0022	99.5984	1.5332	10867.2944
Lovex D100	94.0279	100.0000	3079.0189	52493.8531	91.5560	1.4328	10175.4748
Vihtavuori 24N41	93.0781	100.0000	3068.2749	48196.1043	89.2854	1.4591	10678.2610
Hodgdon H870	90.2288	100.0000	3052.4811	42728.6314	95.6879	1.5354	11198.1003
Vihtavuori N150	70.7357	86.0000	3043.7023	55839.5071	100.0000	1.4087	8136.0549
Vihtavuori N170	86.4297	100.0000	3028.6398	48693.0920	93.9209	1.4902	10115.8443
Alliant Reloder-50	94.5028	100.0000	3023.3522	41493.3987	92.9598	1.5768	11517.1017
Hodgdon US 869	93.0781	100.0000	2880.7737	40314.2299	85.8643	1.5785	10031.7049
Hodgdon 50BMG	88.7091	100.0000	2877.9889	40453.4095	81.5284	1.5728	10037.6235
SNPE Vectan SP 13	89.2790	100.0000	2835.4924	37733.5587	90.3420	1.6251	9845.8164
Accurate 8700	91.1786	100.0000	2812.1685	36487.1518	89.5726	1.6293	9832.1067