

Cartridge : .300 Norma Mag
 Bullet : .308, 198, Flatline
 Useable Case Capacity: 94.803 grain H₂O = 6.155 cm³
 Cartridge O.A.L. L6: 3.765 inch = 95.63 mm
 Barrel Length : 28.0 inch = 711.2 mm

Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 55839 psi, or 385 MPa

or a maximum loading ratio or filling of 100 %

These calculations refer to your specified settings in QuickLOAD 'Cartridge Dimensions' window.

C A U T I O N : 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)
ReloadSwiss RS 76 *C	91.9187	98.0000	3268.7089	55839.5071	100.0000	1.3294	13604.2907
ReloadSwiss RS 80 *C	94.8032	100.0000	3225.6882	55396.1098	99.0042	1.3519	14165.9896
Vihtavuori N570 *C	92.1434	100.0000	3219.0869	54015.5429	96.6950	1.3585	14626.3609
PB Clermont PCL 517	88.7753	95.0000	3183.9431	55839.5071	99.7896	1.3389	13032.0597
SNPE Vectan SP 12	88.6195	95.0000	3182.5018	55839.5071	99.8143	1.3393	12999.9784
Norma MRP 2 *C	86.9724	100.0000	3177.4277	55839.5071	99.7439	1.3580	13176.0834
Alliant Reloder-26 *C	83.4857	89.0000	3176.6803	55839.5071	100.0000	1.3649	12444.6698
Alliant Reloder-25 *C	84.6424	97.0000	3168.6597	55839.5071	100.0000	1.3436	12180.5932
Vihtavuori N560 *C	81.8787	92.0000	3165.5721	55839.5071	99.2773	1.3486	13111.4234
Accurate MAGPRO	85.6403	92.0000	3162.8687	55839.5071	98.4122	1.3557	13313.5428
Norma MRP *C	82.0071	90.0000	3161.8221	55839.5071	100.0000	1.3571	12612.6252
ADI AP 2214	87.2466	96.0000	3159.8837	55839.5071	99.7223	1.3264	12586.5768
ReloadSwiss RS 70 *C	81.4658	88.0000	3159.4175	55839.5071	100.0000	1.3379	12242.9573
IMR 7828 SSC	81.5827	91.0000	3159.0589	55839.5071	99.5632	1.3361	12718.2000
IMR 7828	81.5827	96.0000	3159.0589	55839.5071	99.5632	1.3361	12718.2000
Vihtavuori N565 *C	86.3035	96.0000	3148.8086	55839.5071	99.3825	1.3698	13026.8988
ADI AR 2213	81.2523	92.0000	3147.4981	55839.5071	99.5137	1.3331	12627.1144
Alliant Reloder-33 *C	94.8032	100.0000	3137.1847	50295.2089	96.1217	1.4020	14251.9247
Alliant Reloder-22 *C	81.2053	92.0000	3136.9656	55839.5071	99.9237	1.3553	12516.9115
Raufoss RA15 *C	81.2053	92.0000	3136.9656	55839.5071	99.9237	1.3553	12516.9115
Winchester WXR	81.6064	94.0000	3136.6932	55839.5071	99.8932	1.3554	12545.0843
Ramshot Magnum	88.0536	93.0000	3130.2727	55839.5071	100.0000	1.3493	12090.5566
Hodgdon H1000 *T	86.4438	100.0000	3121.1516	53836.7385	99.5527	1.3496	12463.9327
ADI AR 2217	86.4438	100.0000	3121.1516	53836.7385	99.5527	1.3496	12463.9327
Rottweil R905	80.9312	93.0000	3109.4797	55839.5071	99.2461	1.3540	12336.2606
ReloadSwiss RS 60 *T	74.2079	81.0000	3099.0626	55839.5071	100.0000	1.3533	11070.7319
ADI AR 2209	77.1948	89.0000	3095.0094	55839.5071	99.8780	1.3425	11866.4194
Alliant Reloder-19 *C	77.9214	89.0000	3092.0825	55839.5071	99.8859	1.3503	11916.4106

Hodgdon Retumbo	87.8687	100.0000	3088.8730	48483.4964	100.0000	1.4151	12744.8324
ADI AR 2225	87.8687	100.0000	3088.8730	48483.4964	100.0000	1.4151	12744.8324
Alliant Reloder-23 *C *T	80.1876	94.0000	3086.5137	55839.5071	100.0000	1.3682	11188.3506
PB Clermont PCL 518	77.2582	86.0000	3080.5997	55839.5071	100.0000	1.3588	11492.8910
Alliant Reloder-16 *C *T	71.9636	85.0000	3079.5707	55839.5071	100.0000	1.3490	10985.0682
Hodgdon H4831 SC *T	80.1969	91.0000	3078.2770	55839.5071	99.0838	1.3457	11938.5688
Hodgdon H4831 *T	80.1969	94.0000	3078.2770	55839.5071	99.0838	1.3457	11938.5688
ADI AR 2218	93.0933	100.0000	3077.2487	46799.4542	94.5214	1.4184	14376.6829
Elcho 17	73.4690	80.0000	3077.2198	55839.5071	100.0000	1.3606	10990.0646
Alliant Reloder-17 *T	73.4690	80.0000	3077.2198	55839.5071	100.0000	1.3606	10990.0646
PB Clermont PCL 511	76.4900	82.0000	3075.8180	55839.5071	100.0000	1.3595	11391.6636
Ramshot Hunter	76.6187	85.0000	3074.8466	55839.5071	100.0000	1.3595	11379.1365
Hodgdon H414	74.0319	80.0000	3072.0742	55839.5071	100.0000	1.3612	11407.3739
Winchester 760	74.0319	80.0000	3072.0742	55839.5071	100.0000	1.3612	11407.3739
Raufoss RA4	76.4948	88.0000	3069.3603	55839.5071	99.8282	1.3505	11635.5427
Norma 204 *C	76.4948	85.0000	3069.3603	55839.5071	99.8282	1.3505	11635.5427
ReloadSwiss RS 62	76.2719	83.0000	3066.2938	55839.5071	100.0000	1.3770	11127.7053
Winchester Supreme 780	81.6176	89.0000	3052.9893	55839.5071	99.8615	1.3568	11443.3566
Somchem S385	78.8972	89.0000	3051.4711	55839.5071	99.9990	1.3743	11349.0047
Rottweil R904	76.2255	88.0000	3044.3917	55839.5071	99.4752	1.3510	11424.3279
Vihtavuori N165 *C	81.6075	94.0000	3043.6616	55839.5071	99.9758	1.3620	11179.3042
Vihtavuori N550 *C	73.1450	82.0000	3043.6476	55839.5071	100.0000	1.3727	10972.0898
Norma URP *C	72.8733	84.0000	3042.5870	55839.5071	100.0000	1.3693	10839.5070
IMR 4955 Enduron *C*T	78.1440	92.0000	3041.9854	55839.5071	99.1810	1.3478	11540.4536
Somchem S365	74.4444	86.0000	3038.9631	55839.5071	100.0000	1.3790	10502.4195
Accurate 4350	72.9021	83.0000	3034.1500	55839.5071	100.0000	1.3916	10787.2827
Lovex S071	80.4399	97.0000	3033.2303	55839.5071	100.0000	1.3935	10984.0499
Accurate 3100	80.4399	92.0000	3033.2303	55839.5071	100.0000	1.3935	10984.0499
Vihtavuori N160 *C	79.2500	95.0000	3031.3668	55839.5071	99.4225	1.3529	11267.1604
Hodgdon H4350 *T	74.4176	87.0000	3025.2426	55839.5071	99.9978	1.3540	10919.6345
IMR 4831	74.0116	88.0000	3024.0883	55839.5071	100.0000	1.3795	10618.5811
IMR 4350	74.2477	85.0000	3023.9292	55839.5071	99.9998	1.3543	10888.8343
Somchem S361	81.8020	88.0000	3021.8974	55839.5071	99.0491	1.3615	11324.2699
Lovex S070	73.0506	85.0000	3018.0272	55839.5071	100.0000	1.3749	10862.0970
Lovex D100	94.0433	100.0000	3016.3333	53475.2229	91.4740	1.3799	12222.2099
Norma 217 *C	86.0638	100.0000	3012.9868	44694.6207	99.6441	1.4825	12947.1624
Vihtavuori 24N41 *C	93.0933	100.0000	3004.4176	49142.8756	89.2151	1.4076	12808.1582
IMR 4451 Enduron *C*T	70.6996	82.0000	3003.9208	55839.5071	100.0000	1.3511	10652.1408
Rottweil R907	71.1554	83.0000	3003.0628	55839.5071	99.9996	1.3667	10761.3905
IMR 4007 SSC	71.2144	80.0000	3002.5444	55839.5071	99.9996	1.3667	10755.6497
IMR 7977 Enduron *C*T	83.7254	97.0000	2998.9387	55839.5071	93.6812	1.3473	11451.5385
Hodgdon Hybrid 100V	73.1966	87.0000	2995.4399	55839.5071	100.0000	1.3712	10025.2611
Lovex S065	71.4748	84.0000	2990.3895	55839.5071	100.0000	1.3750	10426.4926
Hodgdon H870	90.2435	100.0000	2985.6741	43842.3606	95.6933	1.4833	13392.9420
IMR 4166 Enduron *C*T	68.1409	81.0000	2978.8288	55839.5071	100.0000	1.3550	10322.9011
Somchem S355	68.4248	80.0000	2969.2468	55839.5071	100.0000	1.3835	9980.8029
Accurate 2700	73.6906	81.0000	2962.3096	55839.5071	99.9922	1.3684	10244.6450

Vihtavuori N170 *C	86.4438	100.0000	2960.6137	49889.8749	94.0443	1.4394	12072.9781
Alliant Reloder-50 *C	94.5182	100.0000	2958.8945	42567.3402	92.8079	1.5229	13811.7491
Vihtavuori N150 *C	69.8880	85.0000	2927.3544	55839.5071	100.0000	1.3831	9459.1061
Vihtavuori N135 *C	63.9775	81.0000	2861.7810	55839.5071	100.0000	1.3998	8656.1825
Hodgdon US 869	93.0933	100.0000	2819.4716	41137.0552	85.7634	1.5235	12018.4121
Hodgdon 50BMG	88.7236	100.0000	2815.3811	41441.4335	81.6201	1.5189	11999.6972
SNPE Vectan SP 13	89.2936	100.0000	2773.1653	38718.7420	90.3877	1.5702	11765.7730
Somchem 12.7-0	90.2435	100.0000	2763.3309	41487.9833	81.2385	1.5153	11145.0650
Accurate 8700	91.1935	100.0000	2752.0430	37309.5398	89.5601	1.5731	11767.9799
Vihtavuori 20N29 *C	94.0433	100.0000	2731.3009	36479.5043	86.2725	1.5979	11888.5941