

CARTRIDGE: .375/408 CheyTac

Bullet: .375, 361, Flatline

Useable Case Capacity: 151.856 grain H₂O = 9.860 cm³

Cartridge O.A.L. L6: 4.600 inch = 116.84 mm

Barrel Length: 27.0 inch = 685.8 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)
ADI AR 2218	149.1172	100.0000	3102.9276	54221.9979	98.8055	1.3672	15565.3448
Vihtavuori N570	142.0935	96.0000	3089.9991	55839.5071	98.5231	1.3801	15182.7364
ReloadSwiss RS 80	151.1049	100.0000	3084.7509	55839.5071	99.2495	1.3803	14985.4558
Alliant Reloder-33	149.0614	98.0000	3077.8358	55839.5071	98.8056	1.3837	15024.1101
Hodgdon Retumbo	140.3498	100.0000	3049.6867	55839.5071	100.0000	1.3714	13200.8493
ADI AR 2225	140.3498	100.0000	3049.6867	55839.5071	100.0000	1.3714	13200.8493
PB Clermont PCL 517	135.9096	91.0000	3020.7610	55839.5071	100.0000	1.3783	13278.6071
Vihtavuori N560	125.7699	88.0000	3020.5843	55839.5071	99.8651	1.3753	13508.9594
Bofors RP30	133.3484	95.0000	3019.9533	55839.5071	100.0000	1.3921	13456.5926
Norma MRP 2	133.3484	95.0000	3019.9533	55839.5071	100.0000	1.3921	13456.5926
SNPE Vectan SP 12	135.6818	91.0000	3019.4526	55839.5071	100.0000	1.3784	13244.7602
Accurate MAGPRO	131.4898	88.0000	3017.9380	55839.5071	99.4064	1.3848	13740.7633
IMR 7828	125.2311	92.0000	3012.1462	55839.5071	99.9718	1.3647	13088.5713
IMR 7828 SSC	125.2311	87.0000	3012.1462	55839.5071	99.9718	1.3647	13088.5713
ADI AP 2214	133.9451	92.0000	3008.7845	55839.5071	100.0000	1.3597	12873.0298
Hodgdon H1000	134.2303	97.0000	3006.8036	55839.5071	100.0000	1.3597	12840.1802
ADI AR 2217	134.2303	97.0000	3006.8036	55839.5071	100.0000	1.3597	12840.1802
Norma MRP	125.8716	86.0000	3005.4287	55839.5071	100.0000	1.3868	12911.1317
Vihtavuori 24N41	148.4492	100.0000	3005.2556	55839.5071	94.1642	1.3640	14072.8790
ADI AR 2213	124.8698	88.0000	3002.9715	55839.5071	99.9584	1.3601	13003.9398
Alliant Reloder-25	129.5221	93.0000	2998.1117	55839.5071	100.0000	1.3801	12447.3567
Norma 217	137.8574	100.0000	2993.1946	52430.8439	100.0000	1.4404	13482.7727
Alliant Reloder-22	124.8481	88.0000	2990.4802	55839.5071	100.0000	1.3816	12833.2089
Raufoss RA15	124.8481	88.0000	2990.4802	55839.5071	100.0000	1.3816	12833.2089
Bofors RP15	125.4558	91.0000	2990.1761	55839.5071	100.0000	1.3819	12860.3263
Winchester WXR	125.4558	91.0000	2990.1761	55839.5071	100.0000	1.3819	12860.3263
Hodgdon H870	144.5524	100.0000	2989.1303	51393.9388	98.9914	1.4409	14406.3573
Alliant Reloder-50	151.3996	100.0000	2975.9461	50498.1438	97.3674	1.4822	15033.5797

Rottweil R905	124.5784	90.0000	2973.3195	55839.5071	99.8576	1.3778	12750.0512
Ramshot Magnum	135.0331	89.0000	2970.7302	55839.5071	100.0000	1.3860	12323.9749
ADI AR 2209	119.0008	85.0000	2960.2145	55839.5071	100.0000	1.3629	12239.4148
Alliant Reloder-19	120.0954	86.0000	2956.3907	55839.5071	100.0000	1.3702	12275.4451
Vihtavuori N170	138.0667	100.0000	2948.0194	55839.5071	97.4171	1.3919	13078.0476
Hodgdon H4831	123.6662	91.0000	2947.8295	55839.5071	99.7853	1.3671	12370.6376
Hodgdon H4831 SC	123.6662	87.0000	2947.8295	55839.5071	99.7853	1.3671	12370.6376
Lovex D100	146.6396	97.0000	2933.9431	55839.5071	94.7170	1.3809	13004.2291
Alliant Reloder-23	123.2401	90.0000	2929.7295	55839.5071	100.0000	1.3969	11520.4990
Rottweil R904	117.7182	85.0000	2920.6223	55839.5071	99.9407	1.3664	11857.2125
Winchester Supreme 780	125.8566	85.0000	2917.2538	55839.5071	100.0000	1.3797	11765.6385
Somchem S385	121.6737	86.0000	2916.5947	55839.5071	100.0000	1.3936	11685.5646
Vihtavuori N165	125.7547	91.0000	2906.4917	55839.5071	100.0000	1.3848	11485.8422
Vihtavuori N160	122.3409	91.0000	2905.5758	55839.5071	99.9308	1.3709	11670.5908
Lovex S071	124.1160	94.0000	2893.8172	55839.5071	100.0000	1.4156	11324.8288
Accurate 3100	124.1160	89.0000	2893.8172	55839.5071	100.0000	1.4156	11324.8288
IMR 4831	114.2436	85.0000	2888.5026	55839.5071	100.0000	1.3965	11019.5195
Hodgdon US 869	149.1172	100.0000	2837.7951	47420.4206	91.4902	1.4899	13399.0496
Hodgdon 50BMG	142.1178	100.0000	2836.8536	47309.7430	87.4742	1.4854	13517.1579
SNPE Vectan SP 13	143.0308	100.0000	2781.4803	44507.1302	95.1459	1.5476	12959.7116
Accurate 8700	146.0740	100.0000	2770.2492	42661.7246	94.9369	1.5556	13033.4444
Vihtavuori 20N29	150.6388	100.0000	2753.9044	42348.7535	92.2414	1.5842	13263.4326