

CARTRIDGE: .375/408 CheyTac

Bullet: .375, 361, Flatline

Useable Case Capacity: 151.875 grain H₂O = 9.861 cm³

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

Barrel Length: 34.0 inch = 863.6 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	149.1357	100.0000	3272.2200	54547.1952	99.9656	1.5627	11893.2248
Vihtavuori N570	141.8839	96.0000	3248.4141	55839.5071	99.8102	1.5808	11635.9650
ReloadSwiss RS 80	150.8783	99.0000	3240.0826	55839.5071	99.9981	1.5819	11412.6733
Alliant Reloder-33	148.8555	98.0000	3235.2545	55839.5071	99.9118	1.5854	11507.4886
Hodgdon Retumbo	140.0814	100.0000	3179.1039	55839.5071	100.0000	1.5766	9977.9904
ADI AR 2225	140.0814	100.0000	3179.1039	55839.5071	100.0000	1.5766	9977.9904
Accurate MAGPRO	131.3227	88.0000	3161.9059	55839.5071	99.9995	1.5895	10450.6694
Vihtavuori 24N41	148.2149	99.0000	3160.2374	55839.5071	96.8840	1.5690	11020.0026
Vihtavuori N560	125.5825	88.0000	3159.5254	55839.5071	100.0000	1.5801	10225.0314
Bofors RP30	133.2098	95.0000	3157.8205	55839.5071	100.0000	1.5975	10165.2802
Norma MRP 2	133.2098	95.0000	3157.8205	55839.5071	100.0000	1.5975	10165.2802
PB Clermont PCL 517	135.7138	91.0000	3155.7835	55839.5071	100.0000	1.5840	10018.9832
SNPE Vectan SP 12	135.4851	91.0000	3154.0224	55839.5071	100.0000	1.5845	9994.0732
Hodgdon H870	144.5703	100.0000	3148.4554	51594.6081	99.9719	1.6456	11029.6455
IMR 7828	125.0179	92.0000	3145.1156	55839.5071	100.0000	1.5708	9865.2803
IMR 7828 SSC	125.0179	87.0000	3145.1156	55839.5071	100.0000	1.5708	9865.2803
Alliant Reloder-50	151.4184	100.0000	3144.7829	50525.2353	99.3353	1.6897	11663.4865
ADI AP 2214	133.6984	92.0000	3138.8417	55839.5071	100.0000	1.5665	9695.3111
Hodgdon H1000	133.9794	97.0000	3136.5040	55839.5071	100.0000	1.5667	9668.7693
ADI AR 2217	133.9794	97.0000	3136.5040	55839.5071	100.0000	1.5667	9668.7693
ADI AR 2213	124.6556	88.0000	3135.8716	55839.5071	100.0000	1.5664	9837.7930
Norma MRP	125.7132	86.0000	3135.7537	55839.5071	100.0000	1.5934	9788.9575
Norma 217	137.8744	100.0000	3134.6683	52610.5498	100.0000	1.6462	10178.8219
Bofors RP15	125.2885	90.0000	3121.9247	55839.5071	100.0000	1.5889	9742.5924
Winchester WXR	125.2885	90.0000	3121.9247	55839.5071	100.0000	1.5889	9742.5924
Alliant Reloder-22	124.6813	88.0000	3121.7113	55839.5071	100.0000	1.5888	9721.7755
Raufoss RA15	124.6813	88.0000	3121.7113	55839.5071	100.0000	1.5888	9721.7755
Alliant Reloder-25	129.3116	93.0000	3121.1893	55839.5071	100.0000	1.5882	9433.1627

Rottweil R905	124.4045	90.0000	3105.9025	55839.5071	100.0000	1.5857	9639.3384
Ramshot Magnum	134.8604	88.0000	3096.1127	55839.5071	100.0000	1.5953	9301.9765
Vihtavuori N170	137.9183	100.0000	3092.1030	55839.5071	99.1134	1.6000	10111.5846
ADI AR 2209	118.8031	85.0000	3085.3479	55839.5071	100.0000	1.5720	9270.1370
Alliant Reloder-19	119.9053	86.0000	3082.5075	55839.5071	100.0000	1.5794	9304.7139
Lovex D100	146.4616	97.0000	3080.2459	55839.5071	97.2002	1.5901	10149.9919
Hodgdon H4831	123.4729	91.0000	3077.4611	55839.5071	100.0000	1.5766	9382.9745
Hodgdon H4831 SC	123.4729	87.0000	3077.4611	55839.5071	100.0000	1.5766	9382.9745
Alliant Reloder-23	123.1040	90.0000	3045.1172	55839.5071	100.0000	1.6093	8751.7182
Rottweil R904	117.5172	85.0000	3044.2688	55839.5071	100.0000	1.5776	8971.0001
Winchester Supreme 780	125.6922	85.0000	3039.9095	55839.5071	100.0000	1.5915	8914.4585
Somchem S385	121.5451	86.0000	3037.6778	55839.5071	100.0000	1.6051	8841.3738
Vihtavuori N160	122.1409	91.0000	3027.9684	55839.5071	100.0000	1.5832	8821.3360
Vihtavuori N165	125.5936	91.0000	3025.4845	55839.5071	100.0000	1.5975	8674.9494
Lovex S071	124.0942	94.0000	3011.6593	55839.5071	100.0000	1.6289	8572.7180
Accurate 3100	124.0942	89.0000	3011.6593	55839.5071	100.0000	1.6289	8572.7180
Hodgdon 50BMG	142.1354	100.0000	3003.4444	47401.8686	91.3562	1.6996	10824.2248
Hodgdon US 869	149.1357	100.0000	3000.9968	47512.4491	94.9044	1.7046	10636.6150
IMR 4831	114.1341	85.0000	3000.6336	55839.5071	100.0000	1.6107	8353.7642
SNPE Vectan SP 13	143.0485	100.0000	2938.8046	44493.7543	97.8251	1.7687	10181.9439
Accurate 8700	146.0921	100.0000	2929.9786	42666.0893	97.8094	1.7777	10239.9767
Vihtavuori 20N29	150.6575	100.0000	2918.7504	42295.2598	95.7253	1.8082	10536.4942