

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: 38.0 inch = 965.2 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	149.1167	100.0000	3393.7655	54221.8647	99.9986	1.6486	10319.0793
Vihtavuori N570	142.0932	96.0000	3375.4579	55839.5071	99.9221	1.6628	10116.1647
ReloadSwiss RS 80	151.1046	100.0000	3366.3389	55839.5071	100.0000	1.6636	9905.2428
Alliant Reloder-33	149.0611	98.0000	3361.4650	55839.5071	99.9817	1.6676	10002.0665
ADI AR 2225	140.3495	100.0000	3300.6141	55839.5071	100.0000	1.6593	8665.5571
Hodgdon Retumbo	140.3495	100.0000	3300.6141	55839.5071	100.0000	1.6593	8665.5571
Accurate MAGPRO	131.4895	88.0000	3282.2591	55839.5071	100.0000	1.6750	9080.8832
Vihtavuori 24N41	148.4489	100.0000	3280.2448	55839.5071	97.2934	1.6549	9634.5618
Vihtavuori N560	125.7696	88.0000	3279.8999	55839.5071	100.0000	1.6654	8893.4963
Bofors RP30	133.3481	95.0000	3277.8168	55839.5071	100.0000	1.6824	8828.4869
Norma MRP 2	133.3481	95.0000	3277.8168	55839.5071	100.0000	1.6824	8828.4869
PB Clermont PCL 517	135.9106	91.0000	3275.1436	55839.5071	100.0000	1.6687	8701.1555
SNPE Vectan SP 12	135.6815	91.0000	3273.2962	55839.5071	100.0000	1.6689	8679.5734
Alliant Reloder-50	151.3991	100.0000	3269.9133	50497.8824	99.5773	1.7749	10148.9201
Hodgdon H870	144.5519	100.0000	3268.8543	51393.6936	99.9998	1.7330	9576.8701
IMR 7828	125.2308	92.0000	3263.6508	55839.5071	100.0000	1.6560	8571.9920
IMR 7828 SSC	125.2308	87.0000	3263.6508	55839.5071	100.0000	1.6560	8571.9920
ADI AP 2214	133.9447	92.0000	3256.3485	55839.5071	100.0000	1.6515	8419.2386
Norma MRP	125.8713	86.0000	3254.9993	55839.5071	100.0000	1.6788	8516.7443
ADI AR 2213	124.8695	88.0000	3254.2613	55839.5071	100.0000	1.6522	8562.3180
Hodgdon H1000	134.2301	97.0000	3253.8836	55839.5071	100.0000	1.6517	8395.5626
ADI AR 2217	134.2301	97.0000	3253.8836	55839.5071	100.0000	1.6517	8395.5626
Norma 217	137.8569	100.0000	3253.3185	52430.5931	100.0000	1.7330	8821.7042
Bofors RP15	125.4556	91.0000	3239.9159	55839.5071	100.0000	1.6753	8479.0018
Winchester WXR	125.4556	91.0000	3239.9159	55839.5071	100.0000	1.6753	8479.0018
Alliant Reloder-22	124.8479	88.0000	3239.6842	55839.5071	100.0000	1.6750	8460.7107
Raufoss RA15	124.8479	88.0000	3239.6842	55839.5071	100.0000	1.6750	8460.7107
Alliant Reloder-25	129.5218	93.0000	3239.4735	55839.5071	100.0000	1.6732	8202.5781

Rottweil R905	124.5782	90.0000	3222.0194	55839.5071	100.0000	1.6729	8380.5398
Ramshot Magnum	135.0328	89.0000	3211.1515	55839.5071	100.0000	1.6817	8075.3277
Vihtavuori N170	138.0664	100.0000	3207.3742	55839.5071	99.3238	1.6890	8820.1489
Alliant Reloder-19	120.0952	86.0000	3197.9035	55839.5071	100.0000	1.6673	8105.9405
Lovex D100	146.6393	97.0000	3193.9976	55839.5071	97.5521	1.6793	8865.9743
Hodgdon H4831	123.6659	91.0000	3191.9100	55839.5071	100.0000	1.6649	8169.1847
Hodgdon H4831 SC	123.6659	87.0000	3191.9100	55839.5071	100.0000	1.6649	8169.1847
Alliant Reloder-23	123.2398	90.0000	3158.9163	55839.5071	100.0000	1.6972	7613.5856
Winchester Supreme 780	125.8564	85.0000	3151.8328	55839.5071	100.0000	1.6810	7760.6967
Somchem S385	121.6734	86.0000	3149.4279	55839.5071	100.0000	1.6950	7688.7065
Vihtavuori N165	125.7545	91.0000	3135.9602	55839.5071	100.0000	1.6874	7539.4925
Accurate 3100	124.1158	89.0000	3121.2414	55839.5071	100.0000	1.7196	7443.5335
Lovex S071	124.1158	94.0000	3121.2414	55839.5071	100.0000	1.7196	7443.5335
Hodgdon 50BMG	142.1174	100.0000	3118.2491	47309.5482	91.9514	1.7925	9498.0767
Hodgdon US 869	149.1167	100.0000	3115.6858	47420.2121	95.4209	1.7970	9313.4853
IMR 4831	114.2433	85.0000	3110.7608	55839.5071	100.0000	1.7013	7266.2956
SNPE Vectan SP 13	143.0303	100.0000	3054.3387	44506.9305	98.2259	1.8609	8897.8397
Accurate 8700	146.0735	100.0000	3045.5103	42661.6168	98.2313	1.8700	8940.2639
Vihtavuori 20N29	150.6383	100.0000	3036.6270	42348.5380	96.3177	1.8999	9225.7659