

CARTRIDGE: .338 Rem Ultra Mag

Bullet: .338, 285, Flatline

Useable Case Capacity: 80.184 grain H₂O = 5.206 cm³

Cartridge O.A.L. L6: 3.600 inch = 91.44 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 or a maximum loading ratio or filling of 100 %

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)
Alliant Reloder-26	79.3010	100.0000	2845.4519	55839.5071	100.0000	1.4904	8117.3295
Norma MRP	77.1305	100.0000	2815.4725	55052.1679	100.0000	1.4987	8209.3164
ReloadSwiss RS 70	76.3984	97.0000	2808.1329	55839.5071	100.0000	1.4787	7938.1899
IMR 7828 SSC	75.9253	100.0000	2787.8638	54696.5198	99.5068	1.4917	8186.8067
ReloadSwiss RS 60	70.2943	91.0000	2771.8677	55839.5071	100.0000	1.4880	7269.0390
Vihtavuori N560	75.5236	100.0000	2769.2042	52117.4771	99.0083	1.5299	8432.9444
Elcho 17	69.4997	90.0000	2751.6218	55839.5071	100.0000	1.4982	7216.2354
Alliant Reloder-17	69.4997	90.0000	2751.6218	55839.5071	100.0000	1.4982	7216.2354
ADI AR 2209	72.1614	98.0000	2750.6083	55839.5071	99.8841	1.4889	7704.4692
ADI AR 2213	74.7201	100.0000	2750.2011	53107.7227	99.2627	1.5111	8101.2957
Alliant Reloder-19	72.9152	99.0000	2749.7760	55839.5071	99.8978	1.4974	7747.0549
Alliant Reloder-16	67.8913	94.0000	2749.0719	55839.5071	100.0000	1.4898	7176.1602
Accurate MAGPRO	78.5767	100.0000	2747.3824	50998.1955	97.8830	1.5516	8489.5925
PB Clermont PCL 518	72.5359	95.0000	2743.5485	55839.5071	100.0000	1.5041	7486.8341
PB Clermont PCL 511	71.8380	91.0000	2739.9531	55839.5071	100.0000	1.5049	7427.0061
Alliant Reloder-22	74.7201	100.0000	2739.3567	51673.6745	99.7867	1.5438	8069.4133
Raufoss RA15	74.7201	100.0000	2739.3567	51673.6745	99.7867	1.5438	8069.4133
Ramshot Hunter	71.9480	94.0000	2738.7107	55839.5071	100.0000	1.5052	7416.8250
ReloadSwiss RS 62	72.1098	93.0000	2737.6109	55839.5071	100.0000	1.5183	7260.9219
Winchester 760	69.5496	89.0000	2737.0554	55839.5071	100.0000	1.5067	7428.3956
Hodgdon H414	69.5496	89.0000	2737.0554	55839.5071	100.0000	1.5067	7428.3956
Hodgdon H4831 SC	74.7073	100.0000	2728.3226	55839.5071	99.0761	1.4965	7707.3044
Norma 204	71.4046	94.0000	2725.5720	55839.5071	99.8197	1.5007	7549.2413
Raufoss RA4	71.4046	97.0000	2725.5720	55839.5071	99.8197	1.5007	7549.2413
Somchem S365	70.6520	96.0000	2717.2640	55839.5071	100.0000	1.5176	6881.5758
Vihtavuori N550	68.7729	91.0000	2715.3159	55839.5071	100.0000	1.5186	7194.9707
Somchem S385	74.0088	99.0000	2714.0336	55839.5071	99.9997	1.5216	7354.9209
Norma URP	68.5648	94.0000	2713.3699	55839.5071	100.0000	1.5144	7088.5318

Accurate 4350	69.0357	93.0000	2712.4519	55839.5071	100.0000	1.5327	7066.1268
Ramshot Magnum	80.5049	100.0000	2707.7506	50682.4319	99.9425	1.5499	7711.1651
Hodgdon CFE223	68.3525	85.0000	2706.0896	55839.5071	100.0000	1.5111	7023.6577
Winchester Supreme 780	76.0631	98.0000	2706.0107	55839.5071	99.8619	1.5070	7383.0142
Rottweil R904	70.9117	97.0000	2696.7927	55839.5071	99.4185	1.5057	7376.8236
IMR 4831	69.7335	99.0000	2696.1180	55839.5071	100.0000	1.5255	6926.9671
SNPE Vectan SP 11	66.7398	87.0000	2686.5485	55839.5071	100.0000	1.5155	6818.8985
Lovex S070	68.2821	93.0000	2683.6166	55839.5071	100.0000	1.5257	7060.4899
Hodgdon H4350	69.3335	96.0000	2682.4987	55839.5071	99.9920	1.5098	7067.1070
IMR 4350	69.1775	94.0000	2681.4452	55839.5071	99.9968	1.5100	7048.0752
Ramshot Big Game	66.6281	85.0000	2680.3604	55839.5071	100.0000	1.5164	6734.4249
IMR 4895	62.2329	84.0000	2675.4373	55839.5071	100.0000	1.5227	6746.2696
Rottweil R905	73.3543	100.0000	2675.2042	49662.6434	98.5467	1.5743	7821.7517
ReloadSwiss RS 52	64.9633	85.0000	2673.5510	55839.5071	100.0000	1.5255	6645.5160
Hodgdon H380	65.3268	86.0000	2672.7970	55839.5071	100.0000	1.5262	6837.3622
IMR 4955 Enduron	71.9081	100.0000	2672.2649	54480.3843	98.9590	1.5211	7416.9666
Raufoss RA11	62.8211	85.0000	2670.5769	55839.5071	100.0000	1.5227	6717.4665
Alliant Reloder-15	62.8211	85.0000	2670.5769	55839.5071	100.0000	1.5227	6717.4665
Somchem S361	75.9100	96.0000	2669.8179	55839.5071	98.9805	1.5201	7263.3580
SNPE Vectan SP 12	78.8981	100.0000	2669.6596	45874.2392	98.8818	1.6092	8170.8270
Winchester WXR	73.1133	100.0000	2668.9795	47151.4664	99.3301	1.6053	7966.2368
Bofors RP15	73.1133	100.0000	2668.9795	47151.4664	99.3301	1.6053	7966.2368
Hodgdon Hybrid 100V	68.8883	96.0000	2666.5616	55839.5071	100.0000	1.5190	6513.4318
Norma 203B	63.1308	85.0000	2665.9284	55839.5071	100.0000	1.5250	6672.9654
PB Clermont PCL 517	78.8981	100.0000	2665.1900	45594.6734	98.7728	1.6133	8178.0796
Bofors RP7	66.0817	91.0000	2663.8012	55839.5071	99.9909	1.5208	6971.9354
Rottweil R907	66.0817	91.0000	2663.8012	55839.5071	99.9909	1.5208	6971.9354
PB Clermont PCL 516	65.5998	83.0000	2663.7899	55839.5071	100.0000	1.5176	6754.4340
IMR 4007 SSC	66.1328	88.0000	2663.1959	55839.5071	99.9907	1.5209	6967.3628
ReloadSwiss RS 50	66.3993	86.0000	2662.4982	55839.5071	100.0000	1.5205	6826.8337
IMR 4451 Enduron	65.5588	90.0000	2661.9290	55839.5071	100.0000	1.5095	6909.4275
Lovex S065	66.6515	92.0000	2656.9059	55839.5071	100.0000	1.5281	6774.6180
Norma 203 old	64.9513	87.0000	2656.7200	55839.5071	100.0000	1.5405	6596.6875
Bofors RP3	64.9513	87.0000	2656.7200	55839.5071	100.0000	1.5405	6596.6875
Hodgdon BL-C2	64.8749	80.0000	2656.4963	55839.5071	100.0000	1.5307	6609.2229
Ramshot Wild Boar	63.7711	81.0000	2653.0503	55839.5071	100.0000	1.5204	6580.5050
Rottweil R903	64.9852	89.0000	2651.7592	55839.5071	100.0000	1.5405	6525.9018
IMR 4320	63.1842	87.0000	2651.2428	55839.5071	100.0000	1.5108	6485.7497
ADI AR 2206H	60.8256	82.0000	2649.7520	55839.5071	100.0000	1.5228	6550.9066
Ramshot TAC	64.4744	81.0000	2649.0363	55839.5071	100.0000	1.5177	6695.5945
Hodgdon H4895	60.5579	82.0000	2647.9091	55839.5071	100.0000	1.5245	6514.2343
Somchem S355	64.2259	89.0000	2647.1124	55839.5071	100.0000	1.5340	6539.1447
SNPE Vectan SP 7	64.7569	82.0000	2645.9699	55839.5071	100.0000	1.5299	6582.2947
SNPE Vectan SP 9	63.3308	83.0000	2644.3391	55839.5071	100.0000	1.5212	6514.3907
Alliant Reloder-23	72.3098	100.0000	2643.7498	47112.9014	100.0000	1.6123	7169.0629
Accurate 3100	73.9167	100.0000	2637.9444	50785.6368	100.0000	1.6001	7075.1116

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