

CARTRIDGE: .284 Win.

Bullet: .284, 151, Flatline

Useable Case Capacity: 59.092 grain H₂O = 3.837 cm³

Cartridge O.A.L. L6: 3.200 inch = 81.28 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

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)
ReloadSwiss RS 60	55.3049	97.0000	3323.3872	55839.5071	100.0000	1.2643	8142.3553
Elcho 17	54.7707	96.0000	3300.7918	55839.5071	100.0000	1.2716	8097.9185
Alliant Reloder-17	54.7707	96.0000	3300.7918	55839.5071	100.0000	1.2716	8097.9185
ReloadSwiss RS 62	56.7530	99.0000	3267.4264	55839.5071	99.9347	1.2928	8174.2181
PB Clermont PCL 511	56.4261	97.0000	3257.4852	55839.5071	99.4265	1.2835	8289.8349
Hodgdon H414	54.6032	95.0000	3247.4693	55839.5071	98.9018	1.2878	8259.2169
Winchester 760	54.6032	95.0000	3247.4693	55839.5071	98.9018	1.2878	8259.2169
Ramshot Hunter	56.2495	100.0000	3241.7081	54996.6890	99.3424	1.2921	8255.4278
Norma URP	53.8511	100.0000	3237.8769	55839.5071	99.9498	1.2916	7962.8253
Vihtavuori N550	53.9695	97.0000	3236.6703	55839.5071	99.9162	1.2974	8064.2617
Accurate 4350	54.2030	100.0000	3236.4820	55839.5071	99.9639	1.3080	7949.0917
Norma 204	55.8852	99.0000	3217.3715	55839.5071	97.3046	1.2831	8197.0455
SNPE Vectan SP 11	52.4136	93.0000	3214.5569	55839.5071	100.0000	1.2921	7647.9130
ReloadSwiss RS 70	58.0258	100.0000	3213.1361	50441.5667	98.4115	1.3244	8668.9679
ReloadSwiss RS 52	51.0765	91.0000	3211.1740	55839.5071	100.0000	1.2982	7442.5406
Hodgdon CFE223	51.6543	85.0000	3207.6694	55839.5071	100.0000	1.2934	7544.1259
Ramshot Big Game	52.3333	90.0000	3207.3353	55839.5071	100.0000	1.2927	7563.3461
IMR 4895	48.8352	90.0000	3201.7616	55839.5071	100.0000	1.3016	7575.0763
Alliant Reloder-16	53.0521	100.0000	3199.0267	51245.8835	99.9940	1.3310	7924.1028
Raufoss RA11	49.2679	90.0000	3191.5722	55839.5071	100.0000	1.3023	7550.5807
Alliant Reloder-15	49.2679	90.0000	3191.5722	55839.5071	100.0000	1.3023	7550.5807
Norma 203B	49.5113	91.0000	3189.1552	55839.5071	100.0000	1.3036	7488.1830
Somchem S365	54.1771	100.0000	3187.6706	50484.1828	100.0000	1.3395	7645.4519
Hodgdon BL-C2	50.8757	86.0000	3183.3006	55839.5071	100.0000	1.3065	7386.2514
Hodgdon H380	51.1440	92.0000	3182.5324	55839.5071	99.8245	1.3071	7661.4837
Norma 203 old	50.9120	92.0000	3181.8476	55839.5071	100.0000	1.3164	7380.4934
Bofors RP3	50.9120	92.0000	3181.8476	55839.5071	100.0000	1.3164	7380.4934
Lovex S070	53.4118	99.0000	3179.5616	55839.5071	98.9322	1.3092	7825.7452

Rottweil R903	50.9420	95.0000	3174.8236	55839.5071	100.0000	1.3165	7313.5669
IMR 4350	54.0955	100.0000	3172.8944	55839.5071	98.3611	1.2932	7750.3800
Ramshot Wild Boar	49.9712	86.0000	3172.5116	55839.5071	100.0000	1.2990	7373.6640
IMR 4320	49.5164	92.0000	3172.1699	55839.5071	100.0000	1.2877	7274.6370
PB Clermont PCL 516	51.3479	88.0000	3171.9017	55839.5071	99.8002	1.2986	7561.7663
Hodgdon H4895	47.4792	87.0000	3171.3922	55839.5071	100.0000	1.3032	7306.4835
ADI AR 2206H	47.6708	88.0000	3169.8690	55839.5071	100.0000	1.3028	7352.1872
Somchem S355	50.3209	94.0000	3167.5750	55839.5071	100.0000	1.3115	7319.8447
SNPE Vectan SP 9	49.6022	88.0000	3161.8439	55839.5071	100.0000	1.3001	7297.3508
ReloadSwiss RS 50	51.9326	92.0000	3158.8052	55839.5071	99.1380	1.3038	7590.4069
Alliant Reloder-26	58.5586	100.0000	3156.9131	43920.2555	99.0327	1.4087	8893.8497
Lovex S065	52.1149	98.0000	3155.8784	55839.5071	99.5095	1.3107	7556.9876
Rottweil R907	51.6150	97.0000	3150.2673	55839.5071	98.3053	1.3064	7657.4666
Bofors RP7	51.6150	97.0000	3150.2673	55839.5071	98.3053	1.3064	7657.4666
SNPE Vectan SP 7	50.6606	87.0000	3149.5945	55839.5071	99.7767	1.3112	7382.2607
IMR 4007 SSC	51.6534	94.0000	3149.4803	55839.5071	98.3021	1.3065	7651.8665
Ramshot TAC	50.4125	86.0000	3149.2716	55839.5071	99.5776	1.3012	7473.6773
IMR 3031	45.7687	90.0000	3148.5544	55839.5071	100.0000	1.3063	6751.3215
Somchem S341	50.7948	87.0000	3143.8087	55839.5071	100.0000	1.3028	7106.2218
Lovex D073.6	49.1244	88.0000	3143.1196	55839.5071	100.0000	1.3213	6907.9182
Accurate 2520	49.1244	86.0000	3143.1196	55839.5071	100.0000	1.3213	6907.9182
IMR 4064	48.1523	94.0000	3140.9473	55839.5071	100.0000	1.3001	7137.4095
Lovex S062	48.4300	91.0000	3139.0048	55839.5071	100.0000	1.3145	7019.7264
Accurate 4064	49.0159	92.0000	3138.9340	55839.5071	100.0000	1.3407	6897.6268
Raufoss RA4	54.4732	100.0000	3136.0956	51280.8962	96.3832	1.3316	8022.8490
Norma 201	47.2050	89.0000	3128.3285	55839.5071	100.0000	1.3183	6990.9173
Hodgdon H4350	53.2890	100.0000	3123.1266	52945.5658	97.8137	1.3233	7663.3378
Hodgdon Hybrid 100V	52.6969	100.0000	3121.7452	51025.1704	100.0000	1.3400	7246.5050
Vihtavuori N150	51.1643	100.0000	3121.6861	55839.5071	100.0000	1.3114	6884.1725
Vihtavuori N540	49.6369	90.0000	3121.2193	55839.5071	100.0000	1.3118	6890.5673
Norma 202	47.0976	88.0000	3118.4250	55839.5071	100.0000	1.3125	6754.7896
Rottweil R902	47.4174	90.0000	3118.3074	55839.5071	100.0000	1.3199	6900.4032
Accurate 2495	46.1101	87.0000	3111.4908	55839.5071	100.0000	1.3479	6636.9638
ADI AR 2209	54.1771	100.0000	3111.1146	48863.4115	95.8750	1.3514	8083.1179
Norma MRP	56.8416	100.0000	3107.0933	43888.1915	96.5731	1.4136	8668.4296
Alliant Reloder-19	54.4732	100.0000	3096.5959	47800.7644	95.8441	1.3704	8099.7920
Rottweil R901	44.7488	86.0000	3093.6386	55839.5071	100.0000	1.3304	6628.4115
Accurate 2700	53.1545	94.0000	3091.3295	55839.5071	98.0740	1.3141	7194.4233
Vihtavuori N135	47.2724	96.0000	3080.0904	55839.5071	100.0000	1.3223	6330.0062
Rottweil R904	53.7034	100.0000	3079.0974	50507.3175	94.9931	1.3479	7712.2055
IMR 4831	52.1640	100.0000	3078.2709	47803.9602	99.5141	1.3923	7607.5235
Winchester Supreme 780	57.4337	100.0000	3074.8524	49301.0045	95.9992	1.3584	7771.2880
Somchem S361	58.0258	100.0000	3070.7755	52228.7556	94.4306	1.3438	7594.0726
IMR 7828 SSC	55.9534	100.0000	3057.4362	44646.6445	92.8227	1.4026	8292.7400
Somchem S385	55.0653	100.0000	3048.1976	46917.4864	96.7272	1.4049	7786.1125
Vihtavuori N560	55.6574	100.0000	3032.9334	42287.5599	91.6683	1.4404	8425.9322
ADI AR 2213	55.0653	100.0000	3019.5646	43766.6502	92.2882	1.4166	8125.3201