

CARTRIDGE: .300 WSM (CIP)

Bullet: .308, 180, Flatline - F T/R

Useable Case Capacity: 71.805 grain H₂O = 4.662 cm³

Cartridge O.A.L. L6: 3.215 inch = 81.66 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	65.6452	95.0000	3314.4714	55839.5071	100.0000	1.2790	8112.6808
Alliant Reloder-17	64.9725	94.0000	3289.6100	55839.5071	100.0000	1.2874	8068.2670
Elcho 17	64.9725	94.0000	3289.6100	55839.5071	100.0000	1.2874	8068.2670
ReloadSwiss RS 70	70.5098	100.0000	3283.9250	54435.4830	99.2090	1.2942	8791.7915
Alliant Reloder-16	64.4661	100.0000	3258.3784	55753.0602	100.0000	1.3020	7956.4686
ReloadSwiss RS 62	67.2283	97.0000	3252.4889	55839.5071	99.9618	1.3105	8143.8430
Somchem S365	65.8331	100.0000	3246.7652	55191.6611	100.0000	1.3084	7674.6587
PB Clermont PCL 511	66.9553	95.0000	3245.2079	55839.5071	99.5183	1.3004	8277.6225
Ramshot Hunter	67.0560	98.0000	3243.6583	55839.5071	99.5151	1.3006	8265.5756
Alliant Reloder-26	71.1573	100.0000	3240.1960	48367.5250	99.7236	1.3604	8971.2880
Winchester 760	64.7761	93.0000	3234.6754	55839.5071	99.0236	1.3049	8250.8198
Hodgdon H414	64.7761	93.0000	3234.6754	55839.5071	99.0236	1.3049	8250.8198
Norma URP	63.8580	98.0000	3224.4973	55839.5071	99.9747	1.3084	7939.2112
Vihtavuori N550	63.9984	95.0000	3223.2172	55839.5071	99.9496	1.3142	8040.6775
Accurate 4350	64.1586	97.0000	3220.0786	55839.5071	99.9829	1.3262	7914.1337
Norma 204	66.4268	97.0000	3207.9783	55839.5071	97.5124	1.2992	8211.2129
SNPE Vectan SP 11	62.1741	91.0000	3202.0118	55839.5071	100.0000	1.3087	7623.9213
ReloadSwiss RS 52	60.5155	89.0000	3197.0640	55839.5071	100.0000	1.3152	7411.3096
Raufoss RA4	66.1928	100.0000	3197.0569	55216.6397	97.4005	1.3056	8188.1201
Ramshot Big Game	62.0766	88.0000	3194.8053	55839.5071	100.0000	1.3093	7539.9098
IMR 4895	57.9301	88.0000	3189.0538	55839.5071	100.0000	1.3185	7551.8353
Norma MRP	69.0708	100.0000	3184.7747	47986.0220	97.8297	1.3698	8836.9060
Raufoss RA11	58.4697	88.0000	3179.4680	55839.5071	100.0000	1.3190	7530.8653
Alliant Reloder-15	58.4697	88.0000	3179.4680	55839.5071	100.0000	1.3190	7530.8653
Norma 203B	58.7459	89.0000	3176.8311	55839.5071	100.0000	1.3203	7466.9004
Hodgdon Hybrid 100V	64.0344	100.0000	3176.3164	55338.2418	100.0000	1.3122	7281.5077
ADI AR 2209	65.8331	100.0000	3175.3966	52560.0962	97.0141	1.3237	8257.4145
Hodgdon H380	60.7144	90.0000	3170.3956	55839.5071	99.8786	1.3242	7650.6340

Lovex S070	63.4417	97.0000	3168.3086	55839.5071	99.0683	1.3261	7828.5967
Bofors RP3	60.3031	90.0000	3166.9110	55839.5071	100.0000	1.3342	7348.7563
Norma 203 old	60.3031	90.0000	3166.9110	55839.5071	100.0000	1.3342	7348.7563
Hodgdon H4350	64.4398	100.0000	3163.5833	55839.5071	98.4477	1.3091	7773.2254
IMR 4350	64.2971	98.0000	3163.1377	55839.5071	98.5253	1.3093	7760.4630
IMR 4320	58.8155	90.0000	3161.6547	55839.5071	100.0000	1.3035	7260.5058
PB Clermont PCL 516	61.0128	87.0000	3161.4553	55839.5071	99.8596	1.3150	7557.0172
Alliant Reloder-19	66.1928	100.0000	3160.2456	51580.4332	96.9795	1.3419	8275.0754
Rottweil R903	60.3451	92.0000	3160.0604	55839.5071	100.0000	1.3343	7283.5508
Hodgdon H4895	56.3704	85.0000	3159.6520	55839.5071	100.0000	1.3200	7290.7554
ADI AR 2206H	56.6214	86.0000	3158.5591	55839.5071	100.0000	1.3195	7339.3764
Somchem S355	59.6853	92.0000	3154.3584	55839.5071	100.0000	1.3285	7297.9151
SNPE Vectan SP 9	58.9284	86.0000	3151.3157	55839.5071	100.0000	1.3159	7284.7945
ReloadSwiss RS 50	61.7420	90.0000	3148.9922	55839.5071	99.2654	1.3202	7598.6531
Lovex S065	61.9356	96.0000	3145.1907	55839.5071	99.6060	1.3274	7559.2514
Rottweil R907	61.4227	95.0000	3141.3887	55839.5071	98.4882	1.3227	7679.2254
Bofors RP7	61.4227	95.0000	3141.3887	55839.5071	98.4882	1.3227	7679.2254
IMR 4007 SSC	61.4690	92.0000	3140.6237	55839.5071	98.4853	1.3228	7673.6658
Winchester Supreme 780	69.7903	100.0000	3140.1485	53416.4791	97.1444	1.3284	7934.4978
IMR 4831	63.3868	100.0000	3138.1046	51988.4652	99.8778	1.3610	7679.9327
Rottweil R904	65.2575	100.0000	3137.7699	54285.2761	96.1269	1.3228	7889.6718
IMR 3031	54.1842	88.0000	3133.9882	55839.5071	100.0000	1.3236	6718.0888
IMR 7828 SSC	67.9916	100.0000	3133.4360	48368.6148	94.4948	1.3630	8511.5733
IMR 4064	57.2415	92.0000	3131.1005	55839.5071	100.0000	1.3159	7130.2375
Lovex D073.6	58.1725	85.0000	3128.5688	55839.5071	100.0000	1.3388	6876.7027
Lovex S062	57.4712	89.0000	3126.5206	55839.5071	100.0000	1.3317	7002.5492
Somchem S361	70.4140	100.0000	3125.2634	55839.5071	95.5610	1.3214	7763.7946
Accurate 4064	57.8700	89.0000	3120.5972	55839.5071	100.0000	1.3598	6847.3584
Norma 201	56.0550	87.0000	3116.1031	55839.5071	100.0000	1.3362	6979.1738
Somchem S385	66.9123	100.0000	3112.9167	51102.9248	97.7821	1.3714	7935.0303
Vihtavuori N560	67.6318	100.0000	3109.7553	46056.7132	93.4343	1.3943	8664.2471
Vihtavuori N150	60.7357	97.0000	3109.7529	55839.5071	100.0000	1.3281	6868.3896
Vihtavuori N540	58.9344	88.0000	3109.7469	55839.5071	100.0000	1.3282	6874.2445
Rottweil R902	56.3092	88.0000	3106.2060	55839.5071	100.0000	1.3377	6889.4622
Norma 202	55.8796	86.0000	3106.0016	55839.5071	100.0000	1.3296	6736.1108
ADI AR 2213	66.9123	100.0000	3093.3173	47318.7128	93.9698	1.3769	8350.8452
Alliant Reloder-22	66.9123	100.0000	3090.6346	45563.2341	95.6847	1.4045	8447.0946
Raufoss RA15	66.9123	100.0000	3090.6346	45563.2341	95.6847	1.4045	8447.0946
Accurate 2700	63.3175	92.0000	3084.0843	55839.5071	98.2789	1.3302	7225.2021
Hodgdon H4831 SC	66.9123	100.0000	3078.2361	49520.2334	93.9848	1.3658	7956.6128
Accurate MAGPRO	70.3659	100.0000	3069.9261	44856.7619	91.1413	1.4140	8582.7278
Vihtavuori N135	56.0043	93.0000	3066.4131	55839.5071	100.0000	1.3393	6304.2237
Ramshot Magnum	72.0926	100.0000	3038.2108	44654.4112	95.8944	1.4118	8128.9699
Alliant Reloder-23	64.7539	100.0000	3019.9160	41766.3144	99.6121	1.4527	7858.4861
Rottweil R905	65.6892	100.0000	3007.2314	44060.1191	92.7022	1.4290	8001.3009
Winchester WXR	65.4734	100.0000	3006.1598	42042.5781	94.3163	1.4510	8222.1195