

CARTRIDGE: .300 WSM (CIP)

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

Useable Case Capacity: 71.797 grain H₂O = 4.662 cm³

Cartridge O.A.L. L6: 3.215 inch = 81.66 mm

Barrel Length: 26.0 inch = 660.4 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 70	70.5017	100.0000	3144.3319	54122.4008	98.7761	1.2051	10454.8345
ReloadSwiss RS 62	67.3698	97.0000	3123.5925	55839.5071	99.8529	1.2172	9753.2388
Somchem S365	65.8255	100.0000	3113.1076	54856.7638	100.0000	1.2191	9203.8969
Accurate 4350	64.3331	97.0000	3094.0091	55839.5071	99.9022	1.2318	9484.2758
Alliant Reloder-26	71.1491	100.0000	3093.3640	47820.2934	99.3590	1.2798	10697.7998
Norma MRP	69.0629	100.0000	3041.4423	47480.9745	97.0967	1.2863	10459.8136
Winchester Supreme 780	69.7823	100.0000	3010.0798	53069.1705	96.5210	1.2346	9396.5340
Accurate 4064	58.1168	90.0000	3002.6778	55839.5071	100.0000	1.2610	8222.4313
IMR 7828 SSC	67.9838	100.0000	2995.7467	47929.9034	93.5494	1.2759	10051.5863
Somchem S385	66.9046	100.0000	2980.5805	50603.1399	97.1764	1.2789	9409.5726
Vihtavuori N560	67.6241	100.0000	2969.1064	45550.7923	92.3814	1.3119	10202.6065
ADI AR 2213	66.9046	100.0000	2956.3776	46874.9658	92.9926	1.2894	9838.2505
Alliant Reloder-22	66.9046	100.0000	2950.8368	45029.0763	94.7627	1.3223	9961.8196
Raufoss RA15	66.9046	100.0000	2950.8368	45029.0763	94.7627	1.3223	9961.8196
Hodgdon H4831 SC	66.9046	100.0000	2947.2164	49123.1646	93.1353	1.2727	9386.1460
Accurate MAGPRO	70.3578	100.0000	2929.8789	44274.7614	89.9568	1.3349	10092.8503
Ramshot Magnum	72.0844	100.0000	2901.0562	44061.5489	94.9243	1.3315	9605.5505
Alliant Reloder-23	64.7464	100.0000	2879.8619	41126.9747	99.1851	1.3788	9344.1710
Rottweil R905	65.6817	100.0000	2872.4962	43503.7218	91.6525	1.3471	9421.4933
Bofors RP15	65.4658	100.0000	2866.3901	41435.7694	93.2369	1.3759	9670.2119
Winchester WXR	65.4658	100.0000	2866.3901	41435.7694	93.2369	1.3759	9670.2119
Accurate 3100	66.1852	100.0000	2864.0939	44466.3704	97.3408	1.3698	9046.5437
SNPE Vectan SP 12	70.6456	100.0000	2832.3408	40310.0976	90.9495	1.3837	9740.6631
PB Clermont PCL 517	70.6456	100.0000	2826.0353	40093.6401	90.6735	1.3866	9724.3094
Hodgdon H4831	64.3148	100.0000	2825.1890	43281.9321	91.0404	1.3495	8970.0741
IMR 7828	64.3148	100.0000	2815.1610	40092.5672	90.2625	1.3852	9407.3517
Vihtavuori N165	65.4658	100.0000	2803.4865	42426.0279	94.4306	1.3710	8715.1365
Alliant Reloder-25	65.8255	100.0000	2800.9756	37470.2682	95.7954	1.4234	9614.3007

ADI AP 2214	68.7032	100.0000	2789.2502	40498.1967	89.9877	1.3823	9246.9939
Lovex S071	62.5882	100.0000	2696.9636	37040.1838	95.0081	1.4813	8579.6720
Bofors RP30	66.1852	100.0000	2686.2192	33668.5078	87.9290	1.4932	9300.1582
Norma MRP 2	66.1852	100.0000	2686.2192	33668.5078	87.9290	1.4932	9300.1582
Vihtavuori N570	69.7823	100.0000	2629.6650	32523.1710	78.3850	1.5269	9315.5170
ADI AR 2217	65.4658	100.0000	2623.8127	34394.4940	86.2205	1.4788	8575.2226
Hodgdon H1000	65.4658	100.0000	2623.8127	34394.4940	86.2205	1.4788	8575.2226
Hodgdon Retumbo	66.5449	100.0000	2559.1722	30182.0992	87.3654	1.5583	8944.7019
ADI AR 2225	66.5449	100.0000	2559.1722	30182.0992	87.3654	1.5583	8944.7019
Alliant Reloder-33	71.7966	100.0000	2536.2282	30215.7721	76.4403	1.5811	8866.5381
Lovex D100	71.2211	100.0000	2507.3258	33563.8836	74.0572	1.5159	7639.1058
Vihtavuori N170	65.4658	100.0000	2485.0034	31073.3258	77.8332	1.5703	7784.3002
ReloadSwiss RS 80	71.7966	100.0000	2476.4936	28783.1126	75.1186	1.6145	8602.7950
Vihtavuori 24N41	70.5017	100.0000	2467.3356	31524.5895	69.8085	1.5466	7709.1171
Norma 217	65.1781	100.0000	2449.7286	26101.2961	83.1382	1.6502	8659.0489
ADI AR 2218	70.5017	100.0000	2448.7087	29631.6716	69.8715	1.5970	8190.6207
Hodgdon H870	68.3435	100.0000	2408.3159	26447.4479	75.0445	1.6491	8219.8797
Alliant Reloder-50	71.5808	100.0000	2323.1643	23781.5808	69.4806	1.7470	8070.5906
Hodgdon 50BMG	67.1924	100.0000	2295.5945	26150.7456	61.7276	1.6951	6954.8801
Hodgdon US 869	70.5017	100.0000	2286.6383	25807.5486	65.0627	1.7097	6996.6340
SNPE Vectan SP 13	67.6241	100.0000	2243.8398	23597.5506	69.3239	1.7371	6990.4849
Accurate 8700	69.0629	100.0000	2194.7678	23298.1861	65.9593	1.7837	6670.0058
Vihtavuori 20N29	71.2211	100.0000	2159.4423	22080.3949	62.7159	1.8192	6642.0119