

## CARTRIDGE: 7 mm WSM

Bullet: .284, 151, Flatline

Useable Case Capacity: 74.010 grain H<sub>2</sub>O = 4.805 cm<sup>3</sup>

Cartridge O.A.L. L6: 3.110 inch = 78.99 mm

Barrel Length: 24.0 inch = 609.6 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)
Alliant Reloder-26	71.1409	97.0000	3256.3987	55839.5071	100.0000	1.1715	13339.3572
Norma MRP	69.5547	98.0000	3226.4887	55839.5071	99.3252	1.1674	13379.0723
ReloadSwiss RS 70	68.8008	95.0000	3220.1733	55839.5071	99.6394	1.1522	13011.7857
Vihtavuori N560	69.2568	99.0000	3215.5041	55839.5071	96.7474	1.1619	13548.7560
IMR 7828 SSC	68.8066	98.0000	3205.9414	55839.5071	97.2268	1.1514	13174.6259
ReloadSwiss RS 60	63.2372	88.0000	3205.2967	55839.5071	100.0000	1.1566	11952.0563
Accurate MAGPRO	72.3289	100.0000	3201.1266	55839.5071	95.2882	1.1703	13575.2778
Alliant Reloder-22	68.6692	100.0000	3193.8570	55839.5071	98.3718	1.1678	13103.0300
Raufoss RA15	68.6692	100.0000	3193.8570	55839.5071	98.3718	1.1678	13103.0300
ADI AR 2213	68.3425	99.0000	3190.4494	55839.5071	97.0900	1.1496	13020.5884
Ramshot Magnum	74.1778	100.0000	3178.1872	55839.5071	98.9795	1.1614	12628.8521
Elcho 17	62.4947	87.0000	3177.8842	55839.5071	100.0000	1.1648	11865.2747
Alliant Reloder-17	62.4947	87.0000	3177.8842	55839.5071	100.0000	1.1648	11865.2747
ADI AR 2209	65.0610	96.0000	3155.5745	55839.5071	98.1723	1.1546	12412.7042
Alliant Reloder-16	62.0712	93.0000	3154.7139	55839.5071	100.0000	1.1753	11742.6221
ReloadSwiss RS 62	64.7628	91.0000	3150.3115	55839.5071	99.9942	1.1842	12003.5003
Alliant Reloder-19	65.6769	96.0000	3150.1724	55839.5071	98.2239	1.1637	12459.8638
PB Clermont PCL 511	64.6559	89.0000	3148.9668	55839.5071	99.6867	1.1702	12171.4777
Ramshot Hunter	64.7556	92.0000	3147.6150	55839.5071	99.6851	1.1703	12154.8007
Winchester 760	62.6123	87.0000	3146.1702	55839.5071	99.2923	1.1710	12189.2025
Hodgdon H414	62.6123	87.0000	3146.1702	55839.5071	99.2923	1.1710	12189.2025
Somchem S365	63.4337	93.0000	3142.8039	55839.5071	100.0000	1.1809	11351.4181
Rottweil R905	67.7069	100.0000	3131.6238	54388.4120	96.3602	1.1818	12634.3792
Norma URP	61.6926	91.0000	3129.7917	55839.5071	99.9994	1.1762	11685.5805
Vihtavuori N550	61.8718	89.0000	3127.7609	55839.5071	99.9911	1.1806	11800.7119
Raufoss RA4	64.3759	94.0000	3127.7040	55839.5071	98.0167	1.1633	12148.6599
Norma 204	64.3759	91.0000	3127.7040	55839.5071	98.0167	1.1633	12148.6599
Accurate 4350	61.9507	91.0000	3125.3071	55839.5071	100.0000	1.1956	11693.6967

SNPE Vectan SP 12	72.8239	100.0000	3124.7040	50970.4466	96.7536	1.2057	13123.7156
Hodgdon H4831 SC	67.3549	98.0000	3123.5317	55839.5071	96.3731	1.1607	12243.7668
Winchester WXR	67.4844	100.0000	3119.1253	51922.0605	97.5110	1.2084	12862.4654
Bofors RP15	67.4844	100.0000	3119.1253	51922.0605	97.5110	1.2084	12862.4654
Somchem S385	66.5595	97.0000	3112.8823	55839.5071	98.9200	1.1851	11970.1688
Alliant Reloder-23	66.7429	100.0000	3112.7436	52197.4237	100.0000	1.2105	11873.6911
IMR 4831	62.6917	96.0000	3111.0487	55839.5071	100.0000	1.1857	11447.3451
SNPE Vectan SP 11	60.1196	85.0000	3109.3530	55839.5071	100.0000	1.1728	11229.9737
Winchester Supreme 780	68.5419	95.0000	3103.1708	55839.5071	98.1420	1.1695	11867.6553
Accurate 3100	68.0531	100.0000	3102.0045	55839.5071	99.7049	1.2008	11718.9373
Rottweil R904	63.9898	95.0000	3097.4282	55839.5071	97.1460	1.1644	11827.5124
Hodgdon Hybrid 100V	61.9853	94.0000	3091.2872	55839.5071	100.0000	1.1754	10805.4376
Hodgdon H4350	62.5560	94.0000	3090.4412	55839.5071	98.8766	1.1667	11524.5425
Lovex S070	61.5223	91.0000	3089.9147	55839.5071	99.3636	1.1840	11570.9711
IMR 4350	62.4163	92.0000	3089.8548	55839.5071	98.9419	1.1666	11504.5850
IMR 7828	66.2979	100.0000	3078.1783	49329.7032	95.5819	1.2197	12714.9307
Rottweil R903	58.4004	87.0000	3072.3033	55839.5071	100.0000	1.1948	10781.6654
Hodgdon H4831	66.2979	100.0000	3072.0644	53001.8333	95.7086	1.1886	12055.8170
Rottweil R907	59.7028	89.0000	3072.0212	55839.5071	98.9069	1.1755	11374.1283
Bofors RP7	59.7028	89.0000	3072.0212	55839.5071	98.9069	1.1755	11374.1283
IMR 4007 SSC	59.7500	86.0000	3071.3934	55839.5071	98.9055	1.1756	11366.5826
Lovex S065	60.1213	90.0000	3068.7652	55839.5071	99.7941	1.1825	11163.2825
Somchem S355	57.8366	87.0000	3068.6331	55839.5071	100.0000	1.1867	10771.6290
ADI AP 2214	70.8216	100.0000	3067.9228	49951.8843	95.9139	1.2105	12538.0933
Somchem S361	68.4673	94.0000	3061.2034	55839.5071	96.3899	1.1772	11563.1930
IMR 4064	55.5757	86.0000	3055.5266	55839.5071	100.0000	1.1695	10555.3562
Alliant Reloder-25	67.8552	100.0000	3055.1348	46559.5479	99.3552	1.2588	12605.8078
Vihtavuori N165	67.4844	100.0000	3044.2737	52743.3647	98.1775	1.2054	11542.7779
Vihtavuori N160	65.4080	100.0000	3030.6672	53143.5866	96.4930	1.1948	11445.3584
Vihtavuori N150	58.9347	92.0000	3026.6447	55839.5071	100.0000	1.1850	10148.3871
Accurate 2700	61.6254	87.0000	3024.0055	55839.5071	98.7921	1.1786	10761.4428
Vihtavuori N135	54.2388	88.0000	2983.1839	55839.5071	100.0000	1.1943	9395.3860
Norma MRP 2	68.2260	100.0000	2952.3740	42497.4738	94.0893	1.3274	12658.6216
Bofors RP30	68.2260	100.0000	2952.3740	42497.4738	94.0893	1.3274	12658.6216
Lovex S071	64.5181	100.0000	2935.3131	46728.4825	98.5905	1.3062	11312.3524
Vihtavuori N570	71.9340	100.0000	2921.8211	40774.0787	86.5864	1.3462	13125.2951
ADI AR 2217	67.4844	100.0000	2887.7725	42046.1775	92.9463	1.3145	11808.4743
Hodgdon H1000	67.4844	100.0000	2887.7725	42046.1775	92.9463	1.3145	11808.4743
Alliant Reloder-33	74.0104	100.0000	2827.1901	37860.6264	85.1981	1.3978	12591.2028
ADI AR 2225	68.5968	100.0000	2826.5731	37142.4173	94.7032	1.4019	12326.9028
Hodgdon Retumbo	68.5968	100.0000	2826.5731	37142.4173	94.7032	1.4019	12326.9028
Lovex D100	73.4171	100.0000	2770.2539	41551.2555	81.3671	1.3455	10753.7736
ReloadSwiss RS 80	74.0104	100.0000	2769.5816	35967.0637	84.4641	1.4304	12333.9828
ADI AR 2218	72.6756	100.0000	2739.5659	36313.7089	80.4277	1.4159	12146.4204
Vihtavuori 24N41	72.6756	100.0000	2733.1278	38515.7490	77.6696	1.3823	11009.9152
Vihtavuori N170	67.4844	100.0000	2729.2963	38767.8811	84.4465	1.4085	10814.5861
Norma 217	67.1878	100.0000	2719.4645	32663.2063	91.2756	1.4885	12101.0116

Hodgdon H870	70.4508	100.0000	2678.3946	32811.3070	83.7825	1.4838	11720.3217
Alliant Reloder-50	73.7879	100.0000	2609.2625	30271.6221	79.0464	1.5555	11703.6922
Hodgdon 50BMG	69.2643	100.0000	2541.4511	31850.5603	69.0668	1.5121	10008.7965
Hodgdon US 869	72.6756	100.0000	2536.8082	31569.7555	73.0246	1.5120	10073.3158
SNPE Vectan SP 13	69.7092	100.0000	2488.0907	28989.7500	77.4579	1.5653	10003.1867
Accurate 8700	71.1924	100.0000	2445.9875	28383.8816	75.1230	1.5884	9770.8333