

CARTRIDGE: 7 mm WSM

Bullet: .284, 151, Flatline

Useable Case Capacity: 73.328 grain H₂O = 4.761 cm³

Cartridge O.A.L. L6: 3.130 inch = 79.50 mm

Barrel Length: 32.0 inch = 812.8 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	70.0462	96.0000	3424.4594	55839.5071	100.0000	1.3889	9331.7866
Norma MRP	68.5065	97.0000	3400.4525	55839.5071	100.0000	1.3862	9465.4489
Vihtavuori N560	68.2245	99.0000	3396.0712	55839.5071	98.9363	1.3810	9777.7053
ReloadSwiss RS 70	67.7935	94.0000	3388.8184	55839.5071	100.0000	1.3711	9163.7555
Accurate MAGPRO	71.2752	99.0000	3385.5088	55839.5071	97.9784	1.3898	9855.5650
IMR 7828 SSC	67.8042	98.0000	3381.1788	55839.5071	99.2289	1.3709	9454.7101
Raufoss RA15	67.6501	99.0000	3367.5058	55839.5071	99.7774	1.3885	9369.5047
Alliant Reloder-22	67.6501	99.0000	3367.5058	55839.5071	99.7774	1.3885	9369.5047
ADI AR 2213	67.3594	99.0000	3365.1514	55839.5071	99.1367	1.3701	9389.5020
ReloadSwiss RS 60	62.2684	88.0000	3352.7401	55839.5071	100.0000	1.3779	8392.6594
Ramshot Magnum	73.1146	99.0000	3345.5798	55839.5071	99.9745	1.3829	8935.1065
SNPE Vectan SP 12	72.1522	100.0000	3327.6510	51999.7932	99.2261	1.4175	9504.7111
Elcho 17	61.5267	87.0000	3325.7375	55839.5071	100.0000	1.3883	8332.8410
Alliant Reloder-17	61.5267	87.0000	3325.7375	55839.5071	100.0000	1.3883	8332.8410
PB Clermont PCL 517	72.1522	100.0000	3322.4289	51692.6814	99.1360	1.4212	9514.4129
Rottweil R905	67.0825	100.0000	3321.8236	55400.6864	98.7758	1.3952	9156.3481
ADI AR 2209	64.1092	95.0000	3320.4809	55839.5071	99.6531	1.3779	8892.0434
Alliant Reloder-19	64.7150	96.0000	3316.5156	55839.5071	99.6730	1.3872	8929.5500
Bofors RP15	66.8620	100.0000	3314.1864	52918.7993	99.4951	1.4224	9299.1155
Winchester WXR	66.8620	100.0000	3314.1864	52918.7993	99.4951	1.4224	9299.1155
PB Clermont PCL 511	63.6948	88.0000	3307.8082	55839.5071	100.0000	1.3943	8583.3397
Ramshot Hunter	63.7936	91.0000	3306.3086	55839.5071	100.0000	1.3945	8571.4995
Winchester 760	61.6778	86.0000	3305.5718	55839.5071	99.9966	1.3954	8613.0237
Hodgdon H414	61.6778	86.0000	3305.5718	55839.5071	99.9966	1.3954	8613.0237
ReloadSwiss RS 62	63.7835	90.0000	3304.3096	55839.5071	100.0000	1.4086	8390.1835
Alliant Reloder-16	61.1266	93.0000	3302.8856	55839.5071	100.0000	1.3997	8211.7085
Raufoss RA4	63.4382	94.0000	3290.4466	55839.5071	99.5551	1.3886	8712.6863
Norma 204	63.4382	91.0000	3290.4466	55839.5071	99.5551	1.3886	8712.6863

Hodgdon H4831 SC	66.3824	97.0000	3289.9688	55839.5071	98.5808	1.3860	8858.3108
Alliant Reloder-23	66.1273	100.0000	3284.9972	53279.7108	100.0000	1.4255	8355.8697
Somchem S365	62.4573	93.0000	3284.4404	55839.5071	100.0000	1.4068	7945.3358
Vihtavuori N550	60.9502	88.0000	3280.7685	55839.5071	100.0000	1.4064	8310.0967
Norma URP	60.7699	91.0000	3280.0351	55839.5071	100.0000	1.4020	8201.9267
IMR 7828	65.6864	100.0000	3276.0075	50241.0810	98.4360	1.4365	9264.8065
Accurate 4350	61.0060	90.0000	3275.0886	55839.5071	100.0000	1.4221	8169.6572
Somchem S385	65.5842	96.0000	3272.7555	55839.5071	99.9274	1.4113	8497.4999
ADI AP 2214	70.1684	100.0000	3264.8049	50851.7366	98.7259	1.4275	9121.3642
Winchester Supreme 780	67.5574	95.0000	3263.7020	55839.5071	99.6278	1.3964	8505.5199
IMR 4831	61.7519	95.0000	3258.4087	55839.5071	100.0000	1.4130	8015.0244
Rottweil R904	63.0677	95.0000	3257.6808	55839.5071	99.0250	1.3915	8514.8078
Accurate 3100	67.0483	99.0000	3256.8649	55839.5071	100.0000	1.4283	8221.7470
Hodgdon H4831	65.6864	100.0000	3256.7047	53947.2847	98.3018	1.4068	8791.4405
Alliant Reloder-25	67.2294	100.0000	3249.8718	47462.0941	100.0000	1.4765	8935.3524
Lovex S070	60.6214	91.0000	3243.4732	55839.5071	99.9981	1.4121	8190.4239
Hodgdon H4350	61.6356	93.0000	3243.4642	55839.5071	99.8930	1.3949	8195.8269
IMR 4350	61.4992	91.0000	3242.5337	55839.5071	99.9135	1.3950	8176.5215
Hodgdon Hybrid 100V	61.0577	93.0000	3228.0234	55839.5071	100.0000	1.4047	7553.3908
Bofors RP7	58.8361	89.0000	3224.0091	55839.5071	99.8948	1.4051	8101.6422
Rottweil R907	58.8361	89.0000	3224.0091	55839.5071	99.8948	1.4051	8101.6422
IMR 4007 SSC	58.8822	86.0000	3223.2775	55839.5071	99.8942	1.4052	8096.2473
Somchem S361	67.4967	94.0000	3221.1669	55839.5071	98.5153	1.4066	8356.1896
Vihtavuori N165	66.8620	100.0000	3219.4246	53692.6019	99.7216	1.4258	8264.8354
Lovex S065	59.2456	90.0000	3215.9384	55839.5071	100.0000	1.4123	7866.3006
Rottweil R903	57.5208	86.0000	3209.8002	55839.5071	100.0000	1.4254	7558.8217
Somchem S355	56.9745	86.0000	3206.7386	55839.5071	100.0000	1.4173	7579.0418
Vihtavuori N160	64.8047	100.0000	3205.6484	54006.1627	98.7397	1.4168	8294.1086
IMR 4064	54.7557	86.0000	3190.5620	55839.5071	100.0000	1.4010	7411.6338
Accurate 2700	60.7484	86.0000	3169.3359	55839.5071	99.8400	1.4116	7647.8554
Norma MRP 2	67.5968	100.0000	3163.7077	43411.6465	97.6537	1.5508	9342.4089
Bofors RP30	67.5968	100.0000	3163.7077	43411.6465	97.6537	1.5508	9342.4089
Vihtavuori N150	58.0611	91.0000	3156.7282	55839.5071	100.0000	1.4193	7157.3340
Vihtavuori N570	71.2705	100.0000	3151.1275	41587.1327	91.9723	1.5707	9961.9925
Lovex S071	63.9230	100.0000	3115.7954	47660.0384	99.9130	1.5330	8082.3380
Vihtavuori N135	53.4173	87.0000	3100.5907	55839.5071	100.0000	1.4325	6596.1113
ADI AR 2217	66.8620	100.0000	3089.1423	42802.7650	96.8688	1.5439	8749.8028
Hodgdon H1000	66.8620	100.0000	3089.1423	42802.7650	96.8688	1.5439	8749.8028
Alliant Reloder-33	73.3278	100.0000	3057.0938	38619.2296	90.9782	1.6292	9642.8634
ADI AR 2225	67.9642	100.0000	3045.7653	37839.3373	98.5673	1.6346	9138.9323
Hodgdon Retumbo	67.9642	100.0000	3045.7653	37839.3373	98.5673	1.6346	9138.9323
ReloadSwiss RS 80	73.3278	100.0000	3001.4083	36673.2829	90.6173	1.6680	9498.3400
ADI AR 2218	72.0053	100.0000	2973.4520	36958.7181	87.6451	1.6560	9532.6204
Lovex D100	72.7400	100.0000	2964.1938	42313.8898	86.3337	1.5845	8168.7068
Norma 217	66.5681	100.0000	2947.4086	33356.4151	96.3689	1.7311	9120.2663
Vihtavuori 24N41	72.0053	100.0000	2938.3223	39178.9488	83.2814	1.6246	8481.9799
Vihtavuori N170	66.8620	100.0000	2926.5552	39496.4185	89.2871	1.6509	8198.2757
Hodgdon H870	69.8010	100.0000	2905.5817	33457.3821	90.0032	1.7311	9053.5799
Alliant Reloder-50	73.1074	100.0000	2846.4951	30947.1093	85.9407	1.8069	9163.6241