

CARTRIDGE: 7 mm Rem. Mag.(SAAMI)

Bullet: .284, 151, Flatline

Useable Case Capacity: 74.994 grain H₂O = 4.869 cm³

Cartridge O.A.L. L6: 3.525 inch = 89.54 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: 53375 psi, or 368 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	69.4628	93.0000	3167.9159	53375.0268	100.0000	1.2782	12268.0164
PB Clermont PCL 517	73.2653	99.0000	3142.8782	53375.0268	98.5518	1.2593	12515.1459
Norma MRP	67.9543	94.0000	3142.7167	53375.0268	99.7024	1.2728	12368.7553
SNPE Vectan SP 12	73.1493	99.0000	3142.3500	53375.0268	98.6173	1.2596	12494.2865
ReloadSwiss RS 70	67.2865	91.0000	3137.8666	53375.0268	99.9065	1.2559	12016.0769
Vihtavuori N560	67.6735	96.0000	3134.5787	53375.0268	97.5794	1.2670	12602.3262
IMR 7828 SSC	67.3473	95.0000	3127.8809	53375.0268	98.0491	1.2547	12258.2278
Accurate MAGPRO	70.7688	96.0000	3124.3215	53375.0268	96.2898	1.2753	12674.7434
IMR 7828	67.1793	100.0000	3119.7341	52939.5996	97.9663	1.2595	12233.3401
ADI AR 2213	66.9202	96.0000	3113.0088	53375.0268	97.9285	1.2528	12127.7694
Raufoss RA15	67.1126	96.0000	3112.2669	53375.0268	98.9705	1.2730	12151.1823
Alliant Reloder-22	67.1126	96.0000	3112.2669	53375.0268	98.9705	1.2730	12151.1823
ReloadSwiss RS 60	61.6597	85.0000	3112.2404	53375.0268	100.0000	1.2619	10970.7199
Winchester WXR	67.4255	99.0000	3110.6755	53375.0268	98.8741	1.2736	12159.9496
Bofors RP15	67.4255	99.0000	3110.6755	53375.0268	98.8741	1.2736	12159.9496
ADI AP 2214	71.6930	100.0000	3110.4910	53375.0268	98.2781	1.2512	12047.2936
Ramshot Magnum	72.7517	97.0000	3100.9651	53375.0268	99.4863	1.2666	11733.3131
Alliant Reloder-25	68.7574	100.0000	3092.7297	50168.5836	100.0000	1.2973	11855.7487
Alliant Reloder-23	66.4931	98.0000	3084.1554	53375.0268	100.0000	1.2810	11014.0260
Rottweil R905	66.7558	97.0000	3079.2596	53375.0268	97.5285	1.2726	11845.5649
ADI AR 2209	63.6181	93.0000	3074.2536	53375.0268	98.8044	1.2588	11513.6376
Alliant Reloder-19	64.1866	93.0000	3069.1161	53375.0268	98.8377	1.2680	11552.0122
Alliant Reloder-16	60.5290	90.0000	3065.0480	53375.0268	100.0000	1.2810	10765.6477
PB Clermont PCL 511	63.1245	86.0000	3064.3233	53375.0268	99.9152	1.2753	11215.2903
ReloadSwiss RS 62	63.1911	87.0000	3063.4457	53375.0268	100.0000	1.2906	11014.4556
Ramshot Hunter	63.2248	89.0000	3063.0616	53375.0268	99.9144	1.2754	11200.6704
Somchem S365	61.8423	90.0000	3050.7557	53375.0268	100.0000	1.2881	10414.3628
Raufoss RA4	62.9327	91.0000	3046.5451	53375.0268	98.6607	1.2682	11267.8624

Norma 204	62.9327	88.0000	3046.5451	53375.0268	98.6607	1.2682	11267.8624
Hodgdon H4831	65.9397	98.0000	3045.8573	53375.0268	97.2468	1.2653	11411.0879
Hodgdon H4831 SC	65.9397	94.0000	3045.8573	53375.0268	97.2468	1.2653	11411.0879
Norma URP	60.1988	88.0000	3042.4980	53375.0268	100.0000	1.2819	10722.7008
Vihtavuori N550	60.3702	85.0000	3041.2361	53375.0268	100.0000	1.2861	10834.2969
Accurate 4350	60.4595	87.0000	3037.9355	53375.0268	100.0000	1.3031	10723.7674
Somchem S385	65.0687	93.0000	3032.1768	53375.0268	99.3937	1.2910	11076.5044
Winchester Supreme 780	67.1374	92.0000	3024.8233	53375.0268	98.7826	1.2753	11033.9054
IMR 4831	61.1779	92.0000	3023.9872	53375.0268	100.0000	1.2922	10503.5116
Accurate 3100	66.5590	96.0000	3019.9499	53375.0268	99.9281	1.3089	10813.1394
Vihtavuori N165	67.1920	98.0000	3018.7435	53375.0268	99.2020	1.2801	10844.4502
Rottweil R904	62.5826	92.0000	3018.0231	53375.0268	97.9065	1.2691	10989.0669
Hodgdon H4350	61.1171	90.0000	3008.2509	53375.0268	99.3472	1.2715	10653.2550
IMR 4350	60.9780	89.0000	3007.5049	53375.0268	99.3975	1.2714	10631.9628
Lovex S070	60.0842	88.0000	3006.7698	53375.0268	99.7086	1.2897	10672.7917
Norma MRP 2	69.1331	100.0000	3006.1786	46148.2141	97.0189	1.3632	12272.1305
Bofors RP30	69.1331	100.0000	3006.1786	46148.2141	97.0189	1.3632	12272.1305
Hodgdon Hybrid 100V	60.5074	90.0000	3002.4218	53375.0268	100.0000	1.2818	9916.5474
Vihtavuori N160	65.0466	98.0000	3001.5119	53375.0268	97.8442	1.2725	10802.1925
Vihtavuori N570	72.8903	100.0000	2993.1538	44092.5285	90.9597	1.3807	13007.4516
Rottweil R907	58.3398	86.0000	2989.6635	53375.0268	99.3698	1.2809	10511.2402
Bofors RP7	58.3398	86.0000	2989.6635	53375.0268	99.3698	1.2809	10511.2402
Somchem S361	67.0394	91.0000	2985.4396	53375.0268	97.2345	1.2824	10776.9269
Lovex S065	58.7061	87.0000	2984.2339	53375.0268	99.9631	1.2885	10271.2027
Lovex S071	65.3759	100.0000	2967.3462	50337.1477	99.7672	1.3451	10712.7246
Hodgdon H1000	68.3817	100.0000	2939.4278	45046.3524	96.1934	1.3548	11496.7502
ADI AR 2217	68.3817	100.0000	2939.4278	45046.3524	96.1934	1.3548	11496.7502
Vihtavuori N150	57.5318	88.0000	2937.7468	53375.0268	100.0000	1.2924	9322.5524
Alliant Reloder-33	74.9944	100.0000	2902.5288	40954.3817	89.8849	1.4330	12551.3195
ADI AR 2225	69.5088	100.0000	2889.5054	39934.9348	97.9213	1.4399	11982.7942
Hodgdon Retumbo	69.5088	100.0000	2889.5054	39934.9348	97.9213	1.4399	11982.7942
ReloadSwiss RS 80	74.9944	100.0000	2849.0280	38871.5692	89.4669	1.4663	12347.8421
Lovex D100	74.3932	100.0000	2824.0670	44668.3729	85.4313	1.3867	10680.1426
ADI AR 2218	73.6418	100.0000	2822.6022	38936.4515	86.3081	1.4541	12355.0680
Vihtavuori 24N41	73.6418	100.0000	2794.8876	41221.8419	82.2161	1.4246	11041.0205
Norma 217	68.0811	100.0000	2792.0002	35450.9780	95.4191	1.5352	11904.8925
Vihtavuori N170	68.3817	100.0000	2780.2679	41635.9657	88.3132	1.4505	10691.1089
Hodgdon H870	71.3875	100.0000	2753.2015	35433.2505	88.7580	1.5328	11741.7511
Alliant Reloder-50	74.7690	100.0000	2696.4416	33073.2896	84.5761	1.5983	11850.9101