

CARTRIDGE: 6.5 mm PRC

Bullet: .264, 121gr Flatline

Useable Case Capacity: 60.488 grain H₂O = 3.927 cm³

Cartridge O.A.L. L6: 2.830 inch = 71.88 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: 56875 psi, or 392 Mpa or a maximum loading ratio or filling of 100 %

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	59.9424	100.0000	3375.8072	54619.7975	99.9988	1.1992	11711.6864
ReloadSwiss RS 70	58.3776	98.0000	3363.4532	56875.0761	99.5724	1.1653	11442.4973
ReloadSwiss RS 60	53.8311	92.0000	3356.8312	56875.0761	100.0000	1.1679	10537.3635
Elcho 17	53.2401	91.0000	3330.3597	56875.0761	100.0000	1.1757	10469.8684
Alliant Reloder-17	53.2401	91.0000	3330.3597	56875.0761	100.0000	1.1757	10469.8684
Alliant Reloder-16	52.0240	96.0000	3325.4335	56875.0761	100.0000	1.1678	10485.2238
Norma MRP	58.1848	100.0000	3319.2518	53554.0636	98.8806	1.2087	11659.5408
ReloadSwiss RS 62	55.1196	94.0000	3297.5932	56875.0761	99.9888	1.1961	10573.6571
PB Clermont PCL 518	55.4799	96.0000	3294.9700	56875.0761	99.4963	1.1834	10789.1548
ADI AR 2209	55.1872	100.0000	3294.6415	56875.0761	98.0252	1.1694	10908.7839
Somchem S365	54.0514	97.0000	3292.9825	56875.0761	100.0000	1.1915	9998.6617
PB Clermont PCL 511	54.9435	93.0000	3292.8633	56875.0761	99.6408	1.1841	10726.2715
Ramshot Hunter	55.0350	96.0000	3291.8385	56875.0761	99.6409	1.1840	10711.7950
Alliant Reloder-19	55.7575	100.0000	3291.3878	56875.0761	98.1042	1.1781	10963.7284
Winchester 760	53.2172	90.0000	3288.9898	56875.0761	99.2191	1.1855	10732.5153
Hodgdon H414	53.2172	90.0000	3288.9898	56875.0761	99.2191	1.1855	10732.5153
IMR 7828 SSC	57.2756	100.0000	3276.7168	53346.7278	96.2095	1.1999	11358.7218
Norma URP	52.4580	95.0000	3274.3980	56875.0761	99.9961	1.1900	10305.8451
Vihtavuori N550	52.6023	92.0000	3272.6302	56875.0761	99.9828	1.1948	10418.6459
Accurate 4350	52.7003	95.0000	3270.4345	56875.0761	99.9988	1.2083	10299.8687
Hodgdon CFE223	52.3171	86.0000	3267.8412	56875.0761	100.0000	1.1862	10201.9967
Norma 204	54.5965	95.0000	3264.7429	56875.0761	97.8582	1.1793	10675.9457
Raufoss RA4	54.5965	98.0000	3264.7429	56875.0761	97.8582	1.1793	10675.9457
IMR 4831	53.3030	100.0000	3253.8175	56875.0761	100.0000	1.1998	10084.1877
SNPE Vectan SP 11	51.1080	89.0000	3252.1557	56875.0761	100.0000	1.1881	9906.5677
Ramshot Big Game	51.0252	86.0000	3246.1680	56875.0761	100.0000	1.1883	9811.5969
Vihtavuori N560	56.9726	100.0000	3245.6631	50893.0512	95.1422	1.2341	11551.4616
ReloadSwiss RS 52	49.7253	86.0000	3244.7583	56875.0761	100.0000	1.1955	9652.8349

Somchem S385	56.3665	100.0000	3243.7357	56381.3082	98.7563	1.2041	10501.6206
IMR 4895	47.6811	86.0000	3243.3493	56875.0761	100.0000	1.1940	9834.3947
Winchester Supreme 780	58.0748	99.0000	3238.0343	56875.0761	97.9786	1.1839	10409.3652
Raufoss RA11	48.1361	86.0000	3235.7518	56875.0761	100.0000	1.1936	9808.3409
Alliant Reloder-15	48.1361	86.0000	3235.7518	56875.0761	100.0000	1.1936	9808.3409
Hodgdon Hybrid 100V	52.7108	98.0000	3233.1391	56875.0761	100.0000	1.1893	9503.1795
Norma 203B	48.3575	87.0000	3231.5088	56875.0761	100.0000	1.1955	9723.4689
ADI AR 2213	56.3665	100.0000	3230.5393	51897.1792	95.6631	1.2144	11133.5779
Rottweil R904	54.2236	99.0000	3229.7605	56875.0761	96.9294	1.1817	10375.0217
Hodgdon H380	49.9846	88.0000	3227.5292	56875.0761	99.9410	1.1987	9948.6368
Lovex S070	52.2200	95.0000	3227.3607	56875.0761	99.2751	1.2005	10184.8043
Hodgdon H4350	53.0573	97.0000	3225.0491	56875.0761	98.7465	1.1839	10128.5604
IMR 4350	52.9404	95.0000	3224.5307	56875.0761	98.8156	1.1840	10111.7706
Hodgdon BL-C2	49.6449	82.0000	3220.6858	56875.0761	100.0000	1.2001	9571.1978
Alliant Reloder-22	56.3665	100.0000	3220.5599	50432.9594	97.0584	1.2446	11207.7303
Raufoss RA15	56.3665	100.0000	3220.5599	50432.9594	97.0584	1.2446	11207.7303
PB Clermont PCL 516	50.2410	85.0000	3219.0306	56875.0761	99.9305	1.1891	9824.8802
Norma 203 old	49.6281	88.0000	3218.8121	56875.0761	100.0000	1.2105	9573.8650
Bofors RP3	49.6281	88.0000	3218.8121	56875.0761	100.0000	1.2105	9573.8650
IMR 4320	48.4296	88.0000	3218.7386	56875.0761	100.0000	1.1788	9465.0925
Hodgdon H4895	46.4395	83.0000	3216.7059	56875.0761	100.0000	1.1927	9506.4079
Ramshot Wild Boar	48.8642	82.0000	3216.6269	56875.0761	100.0000	1.1898	9574.3371
ADI AR 2206H	46.6483	84.0000	3216.4949	56875.0761	100.0000	1.1917	9563.8185
Hodgdon H4831 SC	56.3665	100.0000	3215.1393	54459.9699	95.6078	1.1990	10608.9825
Rottweil R903	49.6591	90.0000	3213.5062	56875.0761	100.0000	1.2102	9502.0316
Accurate MAGPRO	59.2757	100.0000	3210.8051	49882.0399	93.1780	1.2532	11481.4652
ReloadSwiss RS 50	50.8392	88.0000	3209.6876	56875.0761	99.4515	1.1930	9895.6638
Somchem S355	49.1464	90.0000	3208.7643	56875.0761	100.0000	1.2030	9501.8985
IMR 4451 Enduron	50.2355	91.0000	3207.5966	56875.0761	99.0544	1.1811	9933.5488
SNPE Vectan SP 9	48.5386	84.0000	3207.5687	56875.0761	100.0000	1.1897	9481.4725
Rottweil R907	50.5961	92.0000	3204.8613	56875.0761	98.7653	1.1940	9999.9441
Bofors RP7	50.5961	92.0000	3204.8613	56875.0761	98.7653	1.1940	9999.9441
Lovex S065	51.0090	94.0000	3204.6463	56875.0761	99.7371	1.1999	9830.8547
IMR 4007 SSC	50.6342	90.0000	3204.1020	56875.0761	98.7631	1.1941	9992.7502
Ramshot TAC	49.4311	82.0000	3201.1312	56875.0761	99.7888	1.1884	9731.1982
SNPE Vectan SP 7	49.5631	83.0000	3198.9784	56875.0761	99.9193	1.2002	9619.2281
PB Clermont PCL 507	47.2151	81.0000	3192.9995	56875.0761	100.0000	1.1915	9215.6471
IMR 4064	47.1733	90.0000	3191.6663	56875.0761	100.0000	1.1873	9301.1856
Somchem S341	49.6662	83.0000	3189.9725	56875.0761	100.0000	1.1929	9251.4220
Somchem S361	57.9734	98.0000	3189.7567	56875.0761	96.1381	1.1950	10124.7763
IMR 3031	44.5839	86.0000	3185.7393	56875.0761	100.0000	1.1990	8813.6316
IMR 4166 Enduron	48.2835	90.0000	3183.5519	56875.0761	99.1152	1.1832	9638.6285
Lovex S062	47.3510	87.0000	3183.1996	56875.0761	100.0000	1.2033	9141.6327
Ramshot Magnum	60.7304	100.0000	3182.1428	49674.5920	97.5554	1.2475	10792.5056
Lovex D073.6	47.8877	83.0000	3181.6461	56875.0761	100.0000	1.2132	9001.0202
Accurate 2520	47.8877	81.0000	3181.6461	56875.0761	100.0000	1.2132	9001.0202
Norma 201	46.2087	85.0000	3174.4136	56875.0761	100.0000	1.2053	9105.1743

Accurate 4064	47.6905	87.0000	3173.1211	56875.0761	100.0000	1.2324	8977.2730
Rottweil R902	46.4256	86.0000	3165.6534	56875.0761	100.0000	1.2062	8997.7740
Vihtavuori N150	50.0218	95.0000	3163.0104	56875.0761	100.0000	1.2021	8942.1862
Norma 202	46.0539	84.0000	3160.4338	56875.0761	100.0000	1.2011	8797.7689
Vihtavuori N540	48.5710	86.0000	3160.2469	56875.0761	100.0000	1.2013	8927.5507
IMR 4955 Enduron	54.2452	100.0000	3152.1579	53288.9719	95.5292	1.2170	10176.6887
Accurate 2700	52.1833	90.0000	3151.3885	56875.0761	98.6235	1.1981	9434.7819
Accurate 2495	44.8538	82.0000	3145.9257	56875.0761	100.0000	1.2379	8651.9463
Rottweil R901	43.8084	83.0000	3140.2495	56875.0761	100.0000	1.2146	8665.7438
Rottweil R905	55.3361	100.0000	3139.3919	48576.5473	94.4116	1.2678	10688.6823
Alliant Reloder-23	54.5482	100.0000	3133.6848	46140.1599	99.9438	1.2983	10307.0591
Winchester WXR	55.1543	100.0000	3129.7075	46239.5916	95.7850	1.2954	10927.6973
Bofors RP15	55.1543	100.0000	3129.7075	46239.5916	95.7850	1.2954	10927.6973
Accurate 3100	55.7604	100.0000	3123.4475	50084.7367	98.9373	1.2858	10084.9700
Vihtavuori N135	46.1333	91.0000	3120.2201	56875.0761	100.0000	1.2114	8275.2588
SNPE Vectan SP 12	59.5182	100.0000	3114.7206	45205.9858	94.4394	1.2986	11087.9484
PB Clermont PCL 517	59.5182	100.0000	3108.3148	44951.0029	94.2133	1.3020	11077.7560
Accurate 2015	42.8195	80.0000	3085.2472	56875.0761	100.0000	1.2144	8012.8019
Hodgdon H4831	54.1846	100.0000	3083.4549	47785.5192	93.7426	1.2723	10188.9420
IMR 7828	54.1846	100.0000	3081.3874	44333.6017	93.3469	1.3071	10725.5180
ADI AP 2214	57.8817	100.0000	3062.1845	44885.3955	93.4902	1.3001	10561.9086
Alliant Reloder-25	55.4574	100.0000	3062.1356	41609.9607	98.0868	1.3495	10797.1103
Vihtavuori N165	55.1543	100.0000	3057.4864	47316.1418	96.6912	1.2912	9821.8793
Vihtavuori N160	53.4573	100.0000	3047.1679	48278.7611	94.7584	1.2766	9692.8343
Norma MRP 2	55.7604	100.0000	2947.4218	37615.8464	91.4618	1.4266	10644.5798
Bofors RP30	55.7604	100.0000	2947.4218	37615.8464	91.4618	1.4266	10644.5798
Lovex S071	52.7299	100.0000	2944.6635	41517.9228	97.1694	1.4031	9654.7846

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