

CARTRIDGE: .243 Win.

Bullet: .243, 88.6, Flatline

Useable Case Capacity: 49.462 grain H₂O = 3.212 cm³

Cartridge O.A.L. L6: 2.850 inch = 72.39 mm

Barrel Length: 28.0 inch = 711.2 mm



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Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 52666 psi, or 363 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)
ReloadSwiss RS 60	44.1956	92.0000	3424.6678	52666.8078	100.0000	1.2141	8815.9028
Alliant Reloder-26	49.0163	100.0000	3403.2874	49438.8566	99.6917	1.2621	9704.1035
ReloadSwiss RS 70	47.8227	98.0000	3403.1299	52666.8078	98.7845	1.2179	9429.3052
Elcho 17	43.7515	91.0000	3400.5698	52666.8078	100.0000	1.2209	8772.5796
Alliant Reloder-17	43.7515	91.0000	3400.5698	52666.8078	100.0000	1.2209	8772.5796
Alliant Reloder-16	42.6781	96.0000	3390.0122	52666.8078	99.9376	1.2141	8794.1455
Somchem S365	44.5005	98.0000	3366.8768	52666.8078	100.0000	1.2361	8368.0515
ReloadSwiss RS 62	45.2874	95.0000	3357.2090	52666.8078	99.7231	1.2447	8814.1782
PB Clermont PCL 518	45.4981	97.0000	3348.0382	52666.8078	98.7534	1.2329	8923.4720
Norma MRP	47.5790	100.0000	3348.0255	48786.5520	97.6934	1.2690	9562.9145
PB Clermont PCL 511	45.0610	93.0000	3347.8029	52666.8078	98.9775	1.2333	8887.1985
Ramshot Hunter	45.1278	96.0000	3346.0562	52666.8078	98.9749	1.2335	8873.0915
Winchester 760	43.6353	90.0000	3343.7981	52666.8078	98.3135	1.2346	8884.9587
Hodgdon H414	43.6353	90.0000	3343.7981	52666.8078	98.3135	1.2346	8884.9587
ADI AR 2209	45.1936	100.0000	3338.1927	52666.8078	96.7114	1.2208	8953.9110
Norma URP	43.0383	95.0000	3337.1521	52666.8078	99.7474	1.2379	8615.8203
Accurate 4350	43.3307	95.0000	3334.2832	52666.8078	99.7814	1.2568	8625.6254
Vihtavuori N550	43.1214	93.0000	3333.8656	52666.8078	99.6779	1.2438	8698.2703
Alliant Reloder-19	45.5966	100.0000	3331.3530	52295.4158	96.8021	1.2324	8988.2908
Hodgdon CFE223	42.8817	86.0000	3330.4875	52666.8078	99.8060	1.2341	8530.3308
ReloadSwiss RS 52	40.8158	87.0000	3320.8926	52666.8078	100.0000	1.2409	8115.2901
SNPE Vectan SP 11	41.8857	89.0000	3319.3986	52666.8078	99.9905	1.2352	8313.0034
IMR 4895	39.0585	86.0000	3316.5802	52666.8078	99.9927	1.2403	8290.7923
Ramshot Big Game	41.8205	86.0000	3313.1467	52666.8078	99.9845	1.2355	8234.0375
Raufoss RA4	44.7403	98.0000	3312.3455	52666.8078	96.5635	1.2295	8771.1331
Norma 204	44.7403	95.0000	3312.3455	52666.8078	96.5635	1.2295	8771.1331
IMR 4831	43.6637	100.0000	3309.5661	52360.1850	99.7951	1.2519	8422.0571
Raufoss RA11	39.4153	86.0000	3305.5792	52666.8078	99.9172	1.2407	8255.2284

Alliant Reloder-15	39.4153	86.0000	3305.5792	52666.8078	99.9172	1.2407	8255.2284
Norma 203B	39.6039	87.0000	3302.6205	52666.8078	99.9909	1.2426	8187.6488
IMR 7828 SSC	46.8356	100.0000	3300.9309	49043.2889	94.3386	1.2587	9235.4971
Hodgdon Hybrid 100V	43.2815	98.0000	3300.1218	52666.8078	100.0000	1.2359	7962.2171
Hodgdon BL-C2	40.6740	82.0000	3292.6089	52666.8078	100.0000	1.2475	8041.0877
Hodgdon H4895	38.0005	83.0000	3291.8018	52666.8078	100.0000	1.2388	8019.4657
Norma 203 old	40.7162	88.0000	3290.9938	52666.8078	100.0000	1.2585	8053.1488
Bofors RP3	40.7162	88.0000	3290.9938	52666.8078	100.0000	1.2585	8053.1488
Hodgdon H380	40.9376	88.0000	3289.9609	52666.8078	99.5212	1.2479	8318.2412
ADI AR 2206H	38.1577	84.0000	3289.1507	52666.8078	99.9822	1.2382	8064.8168
IMR 4320	39.6492	88.0000	3288.7499	52666.8078	99.9814	1.2247	7964.4582
Ramshot Wild Boar	39.9746	82.0000	3285.1289	52666.8078	99.9834	1.2373	8048.3210
Rottweil R903	40.7412	90.0000	3284.5668	52666.8078	100.0000	1.2582	7993.6117
Somchem S385	46.0922	100.0000	3281.0831	51731.0684	97.6366	1.2615	8626.2944
Lovex S070	42.7452	95.0000	3280.4640	52666.8078	98.3825	1.2520	8435.0617
PB Clermont PCL 516	41.0908	85.0000	3279.5714	52666.8078	99.4895	1.2383	8200.2427
Winchester Supreme 780	47.6164	99.0000	3278.8984	52666.8078	96.7595	1.2364	8524.1454
Somchem S355	40.2530	90.0000	3278.7833	52666.8078	100.0000	1.2512	7990.6422
IMR 3031	36.6044	86.0000	3277.9633	52666.8078	100.0000	1.2405	7448.1690
SNPE Vectan SP 9	39.6919	84.0000	3276.0767	52666.8078	99.9847	1.2371	7971.3402
Hodgdon H4350	43.3903	97.0000	3273.7908	52666.8078	97.6476	1.2352	8348.8308
IMR 4350	43.2944	95.0000	3273.6937	52666.8078	97.7380	1.2351	8338.5962
Rottweil R904	44.3621	99.0000	3272.1315	52666.8078	95.4138	1.2342	8493.0945
Vihtavuori N560	46.5878	100.0000	3270.9192	46596.5424	93.1631	1.2943	9381.0440
PB Clermont PCL 507	38.6097	81.0000	3267.2862	52666.8078	100.0000	1.2379	7756.2504
ReloadSwiss RS 50	41.5695	88.0000	3264.6092	52666.8078	98.6206	1.2437	8210.1689
Lovex S065	41.7217	94.0000	3261.1369	52666.8078	99.0967	1.2510	8176.9324
Lovex D073.6	39.2889	84.0000	3260.8456	52666.8078	100.0000	1.2593	7578.3321
Accurate 2520	39.2889	82.0000	3260.8456	52666.8078	100.0000	1.2593	7578.3321
IMR 4064	38.5747	90.0000	3260.6874	52666.8078	99.9205	1.2345	7829.6761
IMR 4451 Enduron	41.0178	91.0000	3260.6429	52666.8078	98.0254	1.2314	8218.8635
SNPE Vectan SP 7	40.5665	83.0000	3260.1778	52666.8078	99.4583	1.2500	8038.7944
Ramshot TAC	40.3647	82.0000	3259.6395	52666.8078	99.1719	1.2383	8103.8374
Lovex S062	38.7580	87.0000	3257.4914	52666.8078	100.0000	1.2505	7698.2130
ADI AR 2213	46.0922	100.0000	3257.3260	47834.0715	93.7237	1.2724	9051.9446
Bofors RP7	41.3663	92.0000	3256.9591	52666.8078	97.6461	1.2454	8268.6543
Rottweil R907	41.3663	92.0000	3256.9591	52666.8078	97.6461	1.2454	8268.6543
IMR 4007 SSC	41.3971	90.0000	3256.0794	52666.8078	97.6436	1.2455	8262.2537
Somchem S341	40.6397	83.0000	3255.9173	52666.8078	99.9815	1.2409	7768.4077
Accurate 4064	39.1588	88.0000	3254.7030	52666.8078	100.0000	1.2801	7562.6897
Norma 201	37.8054	85.0000	3249.8968	52666.8078	100.0000	1.2529	7678.3529
Alliant Reloder-22	46.0922	100.0000	3249.8025	46029.6953	95.3932	1.3050	9151.5850
Raufoss RA15	46.0922	100.0000	3249.8025	46029.6953	95.3932	1.3050	9151.5850
Hodgdon H4831 SC	46.0922	100.0000	3246.5547	50160.8627	93.8186	1.2556	8632.0515
Norma 202	37.6924	84.0000	3241.9488	52666.8078	100.0000	1.2464	7410.5154
Rottweil R902	37.9824	86.0000	3240.2949	52666.8078	100.0000	1.2539	7584.9267
IMR 4166 Enduron	39.4066	90.0000	3239.0593	52666.8078	98.0861	1.2331	7992.9924

Accurate 2495	36.8731	83.0000	3236.8656	52666.8078	100.0000	1.2836	7317.7578
Vihtavuori N540	39.7244	86.0000	3235.9747	52666.8078	100.0000	1.2481	7492.0019
Vihtavuori N150	40.9622	95.0000	3233.1182	52666.8078	100.0000	1.2501	7500.8540
Accurate MAGPRO	48.4711	100.0000	3228.2366	45537.3450	91.0080	1.3170	9268.8169
Rottweil R901	35.8366	83.0000	3223.7693	52666.8078	100.0000	1.2614	7322.2446
Somchem S361	47.3909	98.0000	3222.8514	52666.8078	94.5730	1.2514	8235.5125
Vihtavuori N135	37.8226	92.0000	3205.4898	52666.8078	100.0000	1.2555	6967.7255
Accurate 2700	42.6259	90.0000	3197.6149	52666.8078	97.4732	1.2517	7773.5810
Ramshot Magnum	49.6606	100.0000	3196.2951	45436.6015	95.9056	1.3127	8774.7544
IMR 4955 Enduron	44.3575	100.0000	3192.2565	49408.3237	93.8148	1.2706	8305.8551
Accurate 2015	35.0368	80.0000	3175.1291	52666.8078	100.0000	1.2583	6767.1283
Alliant Reloder-23	44.6053	100.0000	3169.9106	41869.5021	99.4081	1.3614	8572.9860
Rottweil R905	45.2496	100.0000	3165.5510	44351.5608	92.3245	1.3292	8683.2105
Winchester WXR	45.1010	100.0000	3157.4690	42200.9165	93.8414	1.3581	8905.9216
Bofors RP15	45.1010	100.0000	3157.4690	42200.9165	93.8414	1.3581	8905.9216
Accurate 3100	45.5966	100.0000	3153.5232	45416.7267	97.7697	1.3517	8300.7659
SNPE Vectan SP 12	48.6694	100.0000	3122.9320	41390.2504	92.1030	1.3663	8947.5191
PB Clermont PCL 517	48.6694	100.0000	3116.0911	41163.2094	91.8405	1.3699	8934.6366
Hodgdon H4831	44.3080	100.0000	3113.6521	43959.4648	91.6270	1.3311	8279.8482
IMR 7828	44.3080	100.0000	3103.1680	40694.6243	90.9101	1.3694	8691.3038
Vihtavuori N165	45.1010	100.0000	3088.1288	43218.4546	94.9817	1.3530	8022.1905
Alliant Reloder-25	45.3488	100.0000	3084.5744	38106.7124	96.3636	1.4149	8841.5080
Vihtavuori N160	43.7132	100.0000	3082.5135	44448.0445	92.8379	1.3344	7900.8224
ADI AP 2214	47.3312	100.0000	3074.7447	41373.2463	91.0208	1.3650	8516.0277

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