

CARTRIDGE: .308 Win. (SAAMI)

Bullet: .308, 155, Flatline - Palma

Useable Case Capacity: 50.986 grain H₂O = 3.310 cm³

Cartridge O.A.L. L6: 3.150 inch = 80.01 mm

Barrel Length: 30.0 inch = 762.0 mm



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Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 54250 psi, or 374 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)
Hodgdon CFE223	50.2085	96.0000	3134.9882	54250.1842	98.7040	1.2440	6190.4194
Winchester 748	47.4529	94.0000	3117.7590	54250.1842	99.7005	1.2492	5893.2188
Hodgdon BL-C2	49.4070	96.0000	3116.5286	54250.1842	99.2221	1.2580	6094.7041
IMR 4895	47.0013	100.0000	3098.5770	52870.6829	98.2487	1.2722	6152.6079
Accurate 2520	47.8729	97.0000	3092.5267	54250.1842	99.9127	1.2703	5735.8212
Lovex D073.6	47.8729	99.0000	3092.5267	54250.1842	99.9127	1.2703	5735.8212
Hodgdon H4895	45.9296	98.0000	3091.0051	54250.1842	98.7827	1.2646	5974.2315
Accurate 2495	45.1430	98.0000	3087.2759	54250.1842	100.0000	1.2931	5486.1325
Ramshot Wild Boar	48.2990	96.0000	3086.6330	54250.1842	98.2562	1.2591	5990.0703
ADI AR 2206H	46.0469	98.0000	3082.4645	54250.1842	98.3319	1.2662	5972.6227
Ramshot Big Game	50.0666	100.0000	3080.7268	51646.2165	97.7326	1.2708	6097.4462
ReloadSwiss RS 52	48.5340	100.0000	3077.7873	49560.1971	99.1282	1.2878	6094.1481
SNPE Vectan SP 9	47.8880	99.0000	3074.7431	54250.1842	98.2710	1.2616	5922.5412
IMR 3031	43.9360	100.0000	3074.3977	51105.9962	100.0000	1.2796	5538.9001
Somchem S321	47.1971	93.0000	3073.0907	54250.1842	99.3741	1.2691	5843.8194
PB Clermont PCL 507	46.6113	95.0000	3072.8771	54250.1842	99.2264	1.2631	5812.4581
PB Clermont PCL 516	49.4853	99.0000	3066.5710	54250.1842	96.3913	1.2617	6000.8526
Norma 202	45.6026	99.0000	3065.6606	54250.1842	99.9960	1.2683	5578.8461
Raufoss RA11	47.0013	100.0000	3059.6482	51711.4653	97.4545	1.2872	6045.7845
Alliant Reloder-15	47.0013	100.0000	3059.6482	51711.4653	97.4545	1.2872	6045.7845
Somchem S341	49.0859	97.0000	3055.7281	54250.1842	98.1522	1.2624	5757.8901
Norma 201	45.5546	99.0000	3050.1140	54250.1842	99.2355	1.2820	5734.8132
Norma 203B	47.0013	100.0000	3047.6313	50798.8701	97.8342	1.2957	6015.9911
Vihtavuori N540	47.5122	100.0000	3043.4430	52682.4860	99.9572	1.2816	5671.3237
SNPE Vectan SP 7	48.8462	97.0000	3042.0349	54250.1842	96.3057	1.2757	5850.2028
Accurate 2460	46.4623	92.0000	3041.1434	54250.1842	99.6459	1.2857	5563.8541
Lovex D073.5	46.4623	92.0000	3041.1434	54250.1842	99.6459	1.2857	5563.8541
Ramshot TAC	48.3821	95.0000	3034.3294	54250.1842	95.7137	1.2716	5875.5816

Rottweil R901	43.2514	97.0000	3032.1150	54250.1842	99.9714	1.2957	5467.9062
Lovex D073.4	45.5821	90.0000	3026.3626	54250.1842	99.6032	1.2831	5471.7466
Accurate 2230	46.5362	91.0000	3025.5983	54250.1842	98.7993	1.2797	5569.2806
Rottweil R902	45.3154	100.0000	3013.2042	52685.9332	99.0380	1.2999	5623.0057
Accurate 2015	42.3256	94.0000	3000.4356	54250.1842	100.0000	1.2882	4995.0972
Lovex S062	45.7241	100.0000	2998.6432	50362.8438	98.8106	1.3139	5683.4524
Hodgdon H380	48.0231	100.0000	2994.6115	49444.6247	95.4356	1.3170	5953.9753
SNPE Vectan SP 11	48.5340	100.0000	2994.2237	46641.4682	96.7719	1.3229	6016.9146
Bofors RP3	47.5122	100.0000	2991.3529	47291.5495	98.0992	1.3378	5927.1806
Norma 203 old	47.5122	100.0000	2991.3529	47291.5495	98.0992	1.3378	5927.1806
Accurate 4064	45.9796	100.0000	2988.5926	47547.5798	99.9025	1.3568	5654.4542
IMR 4320	46.2350	100.0000	2988.4728	49044.9803	97.1786	1.3011	5742.1581
Norma 200	40.2487	88.0000	2987.5559	54250.1842	100.0000	1.3006	4894.5766
ReloadSwiss RS 50	48.8916	100.0000	2974.5844	50681.7400	93.6149	1.3082	5798.7497
Alliant Reloder-17	49.3003	100.0000	2969.3276	42836.9871	96.1840	1.3533	6313.4107
Elcho 17	49.3003	100.0000	2969.3276	42836.9871	96.1840	1.3533	6313.4107
ReloadSwiss RS 60	49.3003	100.0000	2959.1628	41871.4860	96.8448	1.3631	6403.7716
Hodgdon H414	49.7090	100.0000	2929.8083	44133.2718	90.5940	1.3535	6040.0756
Winchester 760	49.7090	100.0000	2929.8083	44133.2718	90.5940	1.3535	6040.0756
IMR 4064	44.3958	100.0000	2926.8500	47776.6728	96.5671	1.3305	5547.5050
Somchem S355	45.9796	100.0000	2924.0588	45253.9060	97.1346	1.3655	5739.6577
Rottweil R903	46.4904	100.0000	2916.6889	44088.8002	97.1056	1.3765	5754.8667
IMR 4007 SSC	47.6655	100.0000	2901.2883	48011.5122	91.0097	1.3451	5654.3393
Vihtavuori N550	48.0231	100.0000	2878.1624	40694.5901	93.1965	1.3992	5972.3140
PB Clermont PCL 511	50.0666	100.0000	2864.5803	41035.1595	90.3791	1.3918	5955.9624
Vihtavuori N135	42.6077	100.0000	2860.8867	43130.2864	99.9959	1.3815	5057.0619
Accurate 2700	49.0449	100.0000	2847.0709	48404.3479	90.5979	1.3519	5293.5284
Bofors RP7	46.1328	100.0000	2810.0145	43545.7777	89.4472	1.3997	5464.2252
Rottweil R907	46.1328	100.0000	2810.0145	43545.7777	89.4472	1.3997	5464.2252
ReloadSwiss RS 62	49.2492	100.0000	2795.5925	36597.4152	90.8890	1.4490	5881.7363
Lovex S065	45.9796	100.0000	2791.1256	41445.6607	91.7241	1.4255	5459.9065
Norma URP	46.4904	100.0000	2786.4537	37195.1453	91.7154	1.4465	5717.2851
Accurate 4350	47.0013	100.0000	2768.0183	35538.9623	91.4558	1.4708	5755.9432
Ramshot Hunter	48.5340	100.0000	2766.4879	37194.3145	88.5001	1.4494	5715.8138
Vihtavuori N150	44.3447	100.0000	2756.0396	38537.7147	96.8053	1.4507	5241.6889
Lovex S070	46.4904	100.0000	2754.3326	39218.5211	89.0330	1.4517	5473.8357
Norma 204	48.5340	100.0000	2750.5928	39117.9056	84.5858	1.4304	5498.8108
Alliant Reloder-16	45.7752	100.0000	2735.1607	34173.0917	91.5234	1.4874	5705.4205
IMR 4350	46.7459	100.0000	2731.2424	38958.2773	87.3237	1.4414	5295.0525
Somchem S365	46.7459	100.0000	2730.4870	33276.0614	94.2258	1.4985	5748.3729
Hodgdon Hybrid 100V	45.4687	100.0000	2686.7966	34445.5276	92.8219	1.4952	5296.6945
ReloadSwiss RS 70	50.0666	100.0000	2679.7755	34729.8634	83.2558	1.4900	5679.8431
Hodgdon H4350	45.9796	100.0000	2679.6179	36926.1663	86.1127	1.4735	5173.2718
Raufoss RA4	47.0013	100.0000	2658.1522	35520.8532	82.6100	1.4881	5264.9289
IMR 4831	45.0089	100.0000	2627.1901	31651.2615	89.2392	1.5477	5309.0764
ADI AR 2209	46.7459	100.0000	2626.5383	34312.1936	81.1647	1.5061	5225.8799
Alliant Reloder-19	47.0013	100.0000	2618.8755	33325.2341	81.4527	1.5228	5262.3282