

CARTRIDGE: 6.5 x 47 Lapua

Bullet: .264, 121, Flatline

Useable Case Capacity: 40.808 grain H₂O = 2.650 cm³

Cartridge O.A.L. L6: 2.725 inch = 69.22 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: 55204 psi, or 380 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)
ReloadSwiss RS 52	38.8394	100.0000	3195.2463	55204.9673	99.9987	1.2638	6486.6403
Hodgdon CFE223	39.1614	93.0000	3179.9447	55204.9673	99.6984	1.2632	6550.1159
Ramshot Big Game	39.6624	99.0000	3174.7289	55204.9673	99.4201	1.2631	6541.8829
IMR 4895	36.9727	98.0000	3168.1308	55204.9673	99.5375	1.2761	6558.3662
Hodgdon BL-C2	38.5326	94.0000	3157.7649	55204.9673	99.9110	1.2776	6424.5893
Norma 203B	37.4677	100.0000	3154.8880	55204.9673	99.5065	1.2780	6477.4810
Raufoss RA11	37.2614	99.0000	3153.0457	55204.9673	99.2059	1.2780	6503.2265
Alliant Reloder-15	37.2614	99.0000	3153.0457	55204.9673	99.2059	1.2780	6503.2265
Winchester 748	36.9573	91.0000	3152.6278	55204.9673	100.0000	1.2702	6177.1297
IMR 3031	34.8574	99.0000	3145.4323	55204.9673	100.0000	1.2732	5844.6837
Hodgdon H4895	35.8638	95.0000	3136.4809	55204.9673	99.7094	1.2807	6323.3412
Ramshot Wild Boar	37.7170	94.0000	3134.0271	55204.9673	99.4314	1.2756	6360.7724
ADI AR 2206H	35.9669	96.0000	3130.2916	55204.9673	99.4613	1.2814	6339.6192
Lovex D073.6	37.3186	96.0000	3127.4393	55204.9673	100.0000	1.2908	5998.2590
Accurate 2520	37.3186	94.0000	3127.4393	55204.9673	100.0000	1.2908	5998.2590
Hodgdon H380	38.4361	100.0000	3122.4687	54468.9227	98.1523	1.2909	6508.1329
SNPE Vectan SP 9	37.4090	96.0000	3122.4114	55204.9673	99.4374	1.2777	6290.4294
PB Clermont PCL 516	38.6692	96.0000	3120.8375	55204.9673	98.1774	1.2775	6426.6571
SNPE Vectan SP 11	38.8450	100.0000	3117.7799	51296.3709	99.0645	1.3015	6538.0363
PB Clermont PCL 507	36.4079	93.0000	3115.9009	55204.9673	99.9075	1.2799	6134.9574
Somchem S321	36.8570	91.0000	3114.7351	55204.9673	99.9537	1.2863	6158.9698
Accurate 2495	35.2193	96.0000	3112.8684	55204.9673	100.0000	1.3148	5761.1925
Norma 203 old	38.0272	100.0000	3111.4697	52370.2555	99.7148	1.3148	6377.8036
Bofors RP3	38.0272	100.0000	3111.4697	52370.2555	99.7148	1.3148	6377.8036
Lovex S062	36.5909	100.0000	3108.1095	55204.9673	99.9204	1.2909	6085.7418
IMR 4320	37.0050	100.0000	3105.5693	53626.3560	99.2328	1.2794	6229.2846
Alliant Reloder-17	39.4584	100.0000	3104.7705	46892.4491	98.9544	1.3351	6885.3532
Elcho 17	39.4584	100.0000	3104.7705	46892.4491	98.9544	1.3351	6885.3532

Somchem S341	38.3213	95.0000	3102.9747	55204.9673	99.3754	1.2794	6116.9691
Vihtavuori N540	37.4608	99.0000	3102.4480	55204.9673	100.0000	1.2847	5967.3751
Norma 202	35.6011	96.0000	3099.2755	55204.9673	100.0000	1.2869	5841.7416
ReloadSwiss RS 50	39.0512	100.0000	3097.7054	55204.9673	96.7236	1.2851	6373.6764
SNPE Vectan SP 7	38.1664	95.0000	3097.2487	55204.9673	98.1090	1.2905	6265.0702
ReloadSwiss RS 60	39.4584	100.0000	3096.4427	45702.7209	99.4271	1.3464	6957.2353
Norma 201	35.5985	97.0000	3094.6406	55204.9673	99.9074	1.2973	6052.5320
Accurate 4064	36.8006	100.0000	3091.2871	52433.5364	100.0000	1.3371	5968.5941
Ramshot TAC	37.8409	93.0000	3090.8932	55204.9673	97.6332	1.2846	6308.6068
Rottweil R902	35.7557	99.0000	3083.8789	55204.9673	99.8975	1.2990	5970.7421
Accurate 2460	36.2853	90.0000	3081.9579	55204.9673	99.9999	1.3026	5844.2816
Lovex D073.5	36.2853	90.0000	3081.9579	55204.9673	99.9999	1.3026	5844.2816
Accurate 2230	36.3602	89.0000	3072.0036	55204.9673	99.7254	1.2958	5896.3845
Hodgdon H414	39.7855	100.0000	3070.5883	48489.4497	94.6643	1.3321	6728.3036
Winchester 760	39.7855	100.0000	3070.5883	48489.4497	94.6643	1.3321	6728.3036
Rottweil R901	33.8001	95.0000	3070.0099	55204.9673	100.0000	1.3097	5725.9912
Lovex D073.4	35.6139	88.0000	3068.0725	55204.9673	99.9979	1.2994	5753.1822
IMR 4064	35.5330	100.0000	3041.4645	52031.5451	98.7954	1.3131	6038.2822
Somchem S355	36.8006	100.0000	3040.8839	49601.1319	99.1896	1.3453	6224.5702
Rottweil R903	37.2095	100.0000	3037.6005	48627.7252	99.2241	1.3579	6235.1307
IMR 4007 SSC	38.1499	100.0000	3033.0766	52498.4245	94.6861	1.3187	6276.5233
Accurate 2015	33.0690	92.0000	3026.8908	55204.9673	100.0000	1.3068	5253.9712
Norma 200	31.4648	86.0000	3011.9194	55204.9673	100.0000	1.3175	5158.7510
Vihtavuori N550	38.4361	100.0000	3007.9241	44729.6456	96.6278	1.3851	6597.9906
PB Clermont PCL 511	40.0717	100.0000	3002.3146	44793.0944	94.5499	1.3762	6648.1532
Accurate 2700	39.2539	100.0000	2977.1977	52900.8180	94.3411	1.3247	5879.5440
Vihtavuori N135	34.1019	100.0000	2951.8331	47256.2751	100.0000	1.3767	5349.3521
Bofors RP7	36.9232	100.0000	2939.2692	47377.8423	93.3349	1.3787	6091.6180
Rottweil R907	36.9232	100.0000	2939.2692	47377.8423	93.3349	1.3787	6091.6180
ReloadSwiss RS 62	39.4175	100.0000	2934.6869	40017.7302	95.1067	1.4442	6556.7464
Norma URP	37.2095	100.0000	2915.2653	40486.9329	95.5229	1.4398	6353.9942
Lovex S065	36.8006	100.0000	2915.2504	45060.7754	95.2503	1.4092	6050.8447
Accurate 4350	37.6184	100.0000	2904.6174	39293.8924	95.4534	1.4694	6397.3556
Ramshot Hunter	38.8450	100.0000	2899.9761	40325.9136	92.9315	1.4424	6417.3730
Norma 204	38.8450	100.0000	2887.2300	42416.9338	89.3813	1.4180	6225.6215
Lovex S070	37.2095	100.0000	2883.3538	42640.8088	93.0681	1.4399	6113.2925
Vihtavuori N150	35.4921	100.0000	2865.5918	42105.6863	98.9960	1.4399	5703.6910
Alliant Reloder-16	36.6370	100.0000	2865.0635	36971.1402	95.5485	1.4899	6355.7157
Somchem S365	37.4139	100.0000	2859.7906	36012.3683	97.7405	1.5017	6341.8196
IMR 4350	37.4139	100.0000	2857.5117	42166.7991	91.5734	1.4295	5946.5125
ReloadSwiss RS 70	40.0717	100.0000	2823.3047	37414.2273	89.0140	1.4903	6518.3069
Hodgdon Hybrid 100V	36.3917	100.0000	2809.5190	37209.6020	96.4700	1.4942	5870.5265
Hodgdon H4350	36.8006	100.0000	2803.8944	39828.1973	90.4667	1.4659	5825.7609
Raufoss RA4	37.6184	100.0000	2789.3931	38268.9492	87.4980	1.4846	5984.9249
ADI AR 2209	37.4139	100.0000	2756.8098	36818.8756	86.2881	1.5065	5972.7930
IMR 4831	36.0237	100.0000	2751.1944	34188.2639	93.4390	1.5532	5944.0110
Alliant Reloder-19	37.6184	100.0000	2747.6927	35747.4112	86.4493	1.5250	6000.2758

Rottweil R904	37.0868	100.0000	2742.0379	37912.1238	85.8330	1.4997	5703.1891
Alliant Reloder-26	40.4397	100.0000	2729.0088	31257.1671	88.8285	1.5910	6700.9770
Somchem S361	40.0717	100.0000	2727.2571	38616.6728	84.9116	1.5020	5601.0354
Winchester Supreme 780	39.6628	100.0000	2710.6844	36221.2766	86.1365	1.5255	5749.4937
Norma MRP	39.2539	100.0000	2708.1260	31903.0625	85.5386	1.5847	6360.8399
Somchem S385	38.0272	100.0000	2696.0891	33529.5640	87.6044	1.5728	5824.2500