

CARTRIDGE: 6mm Creedmoor Hornady

Bullet: .243, 88.6, Flatline

Useable Case Capacity: 47.892 grain H₂O = 3.110 cm³

Cartridge O.A.L. L6: 2.720 inch = 69.09 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: 55204 psi, or 380 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	44.4033	96.0000	3440.1142	55204.9673	100.0000	1.1260	10239.9519
Elcho 17	43.9716	95.0000	3415.5789	55204.9673	100.0000	1.1322	10185.0150
Alliant Reloder-17	43.9716	95.0000	3415.5789	55204.9673	100.0000	1.1322	10185.0150
Alliant Reloder-16	42.8576	100.0000	3399.1890	55204.9673	99.7841	1.1278	10172.8234
ReloadSwiss RS 62	45.5434	98.0000	3374.4286	55204.9673	99.4509	1.1527	10225.6383
PB Clermont PCL 511	45.2913	96.0000	3362.6276	55204.9673	98.5238	1.1425	10273.6705
Ramshot Hunter	45.3580	99.0000	3361.0064	55204.9673	98.5195	1.1427	10257.9986
Hodgdon H414	43.8402	94.0000	3354.2390	55204.9673	97.7832	1.1455	10238.8710
Winchester 760	43.8402	94.0000	3354.2390	55204.9673	97.7832	1.1455	10238.8710
PB Clermont PCL 518	45.5884	100.0000	3352.9711	54657.4291	98.1581	1.1472	10291.0530
Norma URP	43.2334	99.0000	3348.2752	55204.9673	99.5060	1.1490	9956.3538
Accurate 4350	43.5229	99.0000	3346.6964	55204.9673	99.5475	1.1656	9974.6697
Vihtavuori N550	43.3256	96.0000	3344.8834	55204.9673	99.4147	1.1548	10049.8197
Hodgdon CFE223	43.0877	90.0000	3341.6360	55204.9673	99.5933	1.1459	9860.2823
ReloadSwiss RS 70	47.0280	100.0000	3340.6557	51509.6420	97.3436	1.1641	10736.0508
ReloadSwiss RS 52	41.0193	90.0000	3331.0783	55204.9673	100.0000	1.1533	9377.3388
SNPE Vectan SP 11	42.0890	92.0000	3329.6464	55204.9673	99.9161	1.1476	9612.7711
Somchem S365	43.9088	100.0000	3326.6285	51615.7542	100.0000	1.1781	9669.1955
Ramshot Big Game	42.0246	89.0000	3323.2730	55204.9673	99.9004	1.1479	9521.0057
Norma 204	44.8838	98.0000	3321.8809	55204.9673	95.8079	1.1397	10077.6371
IMR 4895	39.2335	89.0000	3320.4037	55204.9673	99.9350	1.1552	9546.2559
Raufoss RA11	39.5819	90.0000	3309.2852	55204.9673	99.7898	1.1555	9500.5725
Alliant Reloder-15	39.5819	90.0000	3309.2852	55204.9673	99.7898	1.1555	9500.5725
Norma 203B	39.7764	90.0000	3307.4108	55204.9673	99.9275	1.1568	9433.8248
Hodgdon BL-C2	40.8625	85.0000	3301.2106	55204.9673	100.0000	1.1602	9286.1537
Norma 203 old	40.8943	92.0000	3299.4978	55204.9673	100.0000	1.1701	9301.3670
Bofors RP3	40.8943	92.0000	3299.4978	55204.9673	100.0000	1.1701	9301.3670
Winchester 748	39.1496	82.0000	3298.2770	55204.9673	100.0000	1.1512	8985.0606

Hodgdon H380	41.0876	91.0000	3295.6556	55204.9673	99.2411	1.1604	9569.6795
Hodgdon H4895	38.1548	86.0000	3293.2914	55204.9673	99.9895	1.1547	9221.0293
IMR 4320	39.7886	92.0000	3293.0153	55204.9673	99.9012	1.1399	9168.8950
Rottweil R903	40.9185	94.0000	3292.8921	55204.9673	99.9989	1.1700	9234.7506
ADI AR 2206H	38.3058	87.0000	3290.3091	55204.9673	99.9129	1.1543	9266.6524
Ramshot Wild Boar	40.1377	85.0000	3290.1413	55204.9673	99.9065	1.1517	9273.8646
Lovex S070	42.9013	98.0000	3287.8268	55204.9673	97.8795	1.1631	9701.9122
PB Clermont PCL 516	41.2489	88.0000	3285.6179	55204.9673	99.2044	1.1515	9436.0164
Somchem S355	40.4230	94.0000	3285.4565	55204.9673	99.9874	1.1641	9219.9835
IMR 4350	43.4440	99.0000	3281.2770	55204.9673	97.1465	1.1470	9585.4099
IMR 3031	36.7818	89.0000	3280.7990	55204.9673	100.0000	1.1565	8548.2959
SNPE Vectan SP 9	39.8524	87.0000	3280.6848	55204.9673	99.9117	1.1518	9180.8127
Alliant Reloder-26	47.4599	100.0000	3273.9394	45033.6034	98.0256	1.2434	11022.2814
PB Clermont PCL 507	38.7719	84.0000	3271.0370	55204.9673	100.0000	1.1532	8926.6622
ReloadSwiss RS 50	41.7202	91.0000	3270.4333	55204.9673	98.1814	1.1561	9433.5709
Accurate 2520	39.4641	85.0000	3267.5040	55204.9673	100.0000	1.1725	8734.4150
Lovex D073.6	39.4641	87.0000	3267.5040	55204.9673	100.0000	1.1725	8734.4150
Lovex S065	41.8659	97.0000	3267.3089	55204.9673	98.7211	1.1629	9404.1947
Somchem S321	39.2405	83.0000	3266.0478	55204.9673	100.0000	1.1607	8933.9351
Raufoss RA4	44.1487	100.0000	3265.2486	52238.7968	95.0780	1.1682	9919.8299
SNPE Vectan SP 7	40.7036	86.0000	3264.7707	55204.9673	99.1692	1.1629	9241.1913
IMR 4451 Enduron	41.1388	94.0000	3263.8617	55204.9673	97.5240	1.1455	9421.0254
Ramshot TAC	40.5042	85.0000	3263.1938	55204.9673	98.8373	1.1525	9304.8821
Somchem S341	40.8039	86.0000	3262.8419	55204.9673	99.8995	1.1542	8960.9600
Accurate 4064	39.3697	91.0000	3262.7415	55204.9673	100.0000	1.1919	8720.4243
IMR 4064	38.7000	93.0000	3262.1541	55204.9673	99.8003	1.1501	8991.9263
Lovex S062	38.9200	91.0000	3261.9243	55204.9673	100.0000	1.1646	8862.7247
Rottweil R907	41.4761	96.0000	3260.4963	55204.9673	97.0927	1.1581	9474.8056
Bofors RP7	41.4761	96.0000	3260.4963	55204.9673	97.0927	1.1581	9474.8056
Hodgdon Hybrid 100V	42.7091	100.0000	3260.2896	52014.0321	99.9326	1.1759	9173.1328
IMR 4007 SSC	41.5069	93.0000	3259.6971	55204.9673	97.0894	1.1583	9467.6568
Hodgdon H4350	43.1890	100.0000	3255.9946	53820.1319	96.7624	1.1598	9530.6209
Norma 201	37.9372	88.0000	3251.3338	55204.9673	100.0000	1.1679	8821.1899
Norma 202	37.8449	87.0000	3245.2152	55204.9673	100.0000	1.1616	8512.2223
Vihtavuori N540	39.8812	89.0000	3243.3512	55204.9673	100.0000	1.1616	8627.6426
Vihtavuori N150	41.1056	99.0000	3242.2093	55204.9673	100.0000	1.1619	8655.8686
Rottweil R902	38.1125	90.0000	3242.0400	55204.9673	100.0000	1.1687	8716.8392
Accurate 2495	37.0538	86.0000	3240.6215	55204.9673	100.0000	1.1967	8403.3471
IMR 4166 Enduron	39.4899	93.0000	3238.2426	55204.9673	97.6200	1.1486	9138.9706
ADI AR 2209	43.9088	100.0000	3236.4308	49733.7633	94.4353	1.1865	9972.1145
Accurate 2230	38.7783	81.0000	3234.3659	55204.9673	99.9979	1.1657	8645.5819
Lovex D073.5	38.5607	81.0000	3233.6790	55204.9673	100.0000	1.1754	8533.2380
Accurate 2460	38.5607	81.0000	3233.6790	55204.9673	100.0000	1.1754	8533.2380
Lovex D073.4	37.9277	80.0000	3224.5684	55204.9673	100.0000	1.1699	8419.7179
Rottweil R901	35.9704	86.0000	3222.4101	55204.9673	100.0000	1.1774	8386.8437
Norma MRP	46.0683	100.0000	3221.8371	44868.3400	95.0601	1.2470	10660.5225
Alliant Reloder-19	44.1487	100.0000	3219.0978	48686.5146	94.3983	1.2045	9984.5377

Vihtavuori N135	37.9846	95.0000	3210.7466	55204.9673	100.0000	1.1697	8007.0558
Rottweil R904	43.5249	100.0000	3206.8307	51406.0589	93.5643	1.1818	9527.3825
IMR 4831	42.2772	100.0000	3205.8805	48691.2975	98.8358	1.2253	9524.0963
Accurate 2700	42.7136	93.0000	3202.4423	55204.9673	96.8667	1.1632	8914.8110
Winchester Supreme 780	46.5481	100.0000	3201.1233	50370.9642	94.6809	1.1912	9582.0691
Somchem S361	47.0280	100.0000	3198.7752	53277.9172	93.0739	1.1772	9364.6339
IMR 7828 SSC	45.3484	100.0000	3174.0526	45526.9923	90.9713	1.2337	10171.2467
Accurate 2015	35.1633	83.0000	3173.3511	55204.9673	100.0000	1.1750	7738.1009
Somchem S385	44.6286	100.0000	3170.0805	47887.1568	95.4222	1.2360	9632.5163
Vihtavuori N560	45.1085	100.0000	3143.3427	43144.5509	89.6902	1.2699	10294.9238
ADI AR 2213	44.6286	100.0000	3133.7410	44578.9627	90.3802	1.2459	9938.1337
Hodgdon H4831 SC	44.6286	100.0000	3131.3862	46720.3782	90.7868	1.2276	9508.9744
Raufoss RA15	44.6286	100.0000	3126.5698	42571.2082	92.3561	1.2805	10099.6025
Alliant Reloder-22	44.6286	100.0000	3126.5698	42571.2082	92.3561	1.2805	10099.6025
Accurate MAGPRO	46.9320	100.0000	3096.2995	41850.1393	87.0503	1.2944	10134.5980
IMR 4955 Enduron	42.9490	100.0000	3084.9700	46322.9717	91.1053	1.2394	9141.7432
Ramshot Magnum	48.0837	100.0000	3064.9054	41687.3334	92.3557	1.2914	9714.0577
Alliant Reloder-23	43.1890	100.0000	3053.0522	38719.1000	97.7394	1.3375	9629.2037
Rottweil R905	43.8128	100.0000	3043.4627	41123.2207	88.9415	1.3035	9512.0876
Accurate 3100	44.1487	100.0000	3036.8146	41649.8468	95.4229	1.3304	9260.6675
Bofors RP15	43.6689	100.0000	3033.8536	39136.8859	90.5521	1.3325	9767.8285
Winchester WXR	43.6689	100.0000	3033.8536	39136.8859	90.5521	1.3325	9767.8285
Hodgdon H4831	42.9011	100.0000	2997.9116	41089.0573	88.3775	1.3022	9052.6996
SNPE Vectan SP 12	47.1240	100.0000	2983.4292	38117.1340	87.6798	1.3458	9744.1472
PB Clermont PCL 517	47.1240	100.0000	2976.2947	37913.7451	87.3671	1.3493	9721.5318
IMR 7828	42.9011	100.0000	2976.1636	37978.4027	87.1346	1.3436	9449.9575
Vihtavuori N165	43.6689	100.0000	2975.1931	40103.5290	92.0775	1.3255	8851.2022
Vihtavuori N160	42.3252	100.0000	2973.6298	41591.1810	89.9253	1.3040	8672.1030
Alliant Reloder-25	43.9088	100.0000	2955.2319	35412.1980	93.0091	1.3865	9720.7539

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