

CARTRIDGE: 6 XC Tubb

Bullet: .243, 88.6, Flatline

Useable Case Capacity: 45.668 grain H₂O = 2.965 cm³

Cartridge O.A.L. L6: 2.750 inch = 69.85 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: 55839 psi, or 385 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	43.2189	98.0000	3454.9563	55839.5071	100.0000	1.1086	10343.8503
Elcho 17	42.8139	97.0000	3430.9239	55839.5071	99.9997	1.1147	10288.6556
Alliant Reloder-17	42.8139	97.0000	3430.9239	55839.5071	99.9997	1.1147	10288.6556
PB Clermont PCL 511	44.0985	98.0000	3377.1603	55839.5071	98.2293	1.1246	10344.9267
ReloadSwiss RS 62	44.1125	100.0000	3370.5922	54689.7940	99.1321	1.1442	10277.5729
Hodgdon H414	42.6768	96.0000	3366.4440	55839.5071	97.4410	1.1285	10292.3827
Winchester 760	42.6768	96.0000	3366.4440	55839.5071	97.4410	1.1285	10292.3827
Vihtavuori N550	42.1859	98.0000	3359.1058	55839.5071	99.2320	1.1373	10125.8059
Hodgdon CFE223	41.9532	91.0000	3355.6093	55839.5071	99.4366	1.1288	9934.8988
Alliant Reloder-16	41.0008	100.0000	3355.4921	52900.0853	99.3685	1.1387	10146.6665
ReloadSwiss RS 52	39.9469	92.0000	3345.5660	55839.5071	100.0000	1.1366	9455.2836
SNPE Vectan SP 11	40.9728	94.0000	3342.8963	55839.5071	99.8370	1.1310	9688.6615
Accurate 4350	42.0991	100.0000	3337.9666	54527.6361	99.2440	1.1595	10009.8578
Ramshot Big Game	40.9112	91.0000	3336.2559	55839.5071	99.8153	1.1313	9594.0117
IMR 4895	38.1799	91.0000	3330.8842	55839.5071	99.8695	1.1400	9607.0868
Norma URP	41.6415	100.0000	3327.1081	53888.4287	99.1190	1.1494	9959.6816
Ramshot Hunter	43.4718	100.0000	3321.8455	52983.8853	97.7241	1.1514	10200.9466
Alliant Reloder-15	38.5180	91.0000	3319.6483	55839.5071	99.6818	1.1401	9556.4325
Raufoss RA11	38.5180	91.0000	3319.6483	55839.5071	99.6818	1.1401	9556.4325
Norma 203B	38.7116	92.0000	3318.5303	55839.5071	99.8586	1.1413	9495.8713
Norma 204	43.4718	100.0000	3317.7688	55107.3512	95.1490	1.1298	10070.5490
Hodgdon BL-C2	39.7730	87.0000	3314.1446	55839.5071	100.0000	1.1440	9362.3302
Bofors RP3	39.8079	94.0000	3312.4470	55839.5071	99.9984	1.1537	9376.8568
Norma 203 old	39.8079	94.0000	3312.4470	55839.5071	99.9984	1.1537	9376.8568
Winchester 748	38.1074	84.0000	3310.1049	55839.5071	100.0000	1.1359	9045.8238
Hodgdon H380	39.9652	93.0000	3305.6772	55839.5071	99.0375	1.1448	9619.2423
Rottweil R903	39.8307	96.0000	3305.4058	55839.5071	99.9788	1.1535	9306.2949
IMR 4320	38.7019	93.0000	3303.0570	55839.5071	99.8192	1.1248	9222.0849

Hodgdon H4895	37.1218	88.0000	3302.9490	55839.5071	99.9575	1.1401	9275.6339
Ramshot Wild Boar	39.0536	87.0000	3301.0637	55839.5071	99.8287	1.1362	9334.0458
ADI AR 2206H	37.2588	89.0000	3299.1675	55839.5071	99.8403	1.1398	9316.1253
Somchem S355	39.3341	96.0000	3296.9354	55839.5071	99.9501	1.1483	9286.4914
PB Clermont PCL 518	43.4718	100.0000	3295.8225	51587.8491	97.0972	1.1646	10180.2477
PB Clermont PCL 516	40.1155	89.0000	3295.2682	55839.5071	98.9949	1.1361	9484.0533
IMR 3031	35.8140	91.0000	3292.5921	55839.5071	100.0000	1.1414	8591.7297
Lovex S070	41.6415	100.0000	3291.0456	55457.2011	97.4797	1.1506	9727.6545
SNPE Vectan SP 9	38.7677	89.0000	3290.9303	55839.5071	99.8354	1.1367	9237.7930
PB Clermont PCL 507	37.7115	86.0000	3280.8178	55839.5071	100.0000	1.1386	8984.0493
Accurate 2520	38.4239	87.0000	3280.3285	55839.5071	100.0000	1.1565	8794.3515
Lovex D073.6	38.4239	89.0000	3280.3285	55839.5071	100.0000	1.1565	8794.3515
ReloadSwiss RS 50	40.5635	93.0000	3278.8836	55839.5071	97.8733	1.1409	9468.5581
Somchem S321	38.1676	84.0000	3276.5250	55839.5071	100.0000	1.1457	8994.4228
Lovex S065	40.7079	99.0000	3276.5243	55839.5071	98.4568	1.1476	9446.7148
Accurate 4064	38.3496	93.0000	3276.3986	55839.5071	100.0000	1.1758	8782.7355
Hodgdon Varget	38.2800	94.0000	3276.0000	55815.0000	99.5800	1.1310	9179.0000
ReloadSwiss RS 70	44.8446	100.0000	3275.1381	48686.4090	95.8980	1.1832	10590.6522
Somchem S365	41.8703	100.0000	3273.7849	48427.1164	99.9930	1.1977	9699.8654
SNPE Vectan SP 7	39.5818	88.0000	3273.6017	55839.5071	98.9562	1.1476	9281.9065
Somchem S341	39.6927	88.0000	3273.2604	55839.5071	99.8147	1.1388	9017.3790
Lovex S062	37.8554	92.0000	3271.6028	55839.5071	100.0000	1.1501	8919.3826
Ramshot TAC	39.3727	87.0000	3271.1492	55839.5071	98.5936	1.1379	9341.4994
IMR 4451 Enduron	39.9750	96.0000	3270.7166	55839.5071	97.1736	1.1312	9445.4283
IMR 4064	37.6223	95.0000	3269.8942	55839.5071	99.6914	1.1358	9032.3167
Rottweil R907	40.3038	98.0000	3267.3605	55839.5071	96.7122	1.1432	9496.3166
Bofors RP7	40.3038	98.0000	3267.3605	55839.5071	96.7122	1.1432	9496.3166
IMR 4007 SSC	40.3334	94.0000	3266.5590	55839.5071	96.7082	1.1433	9489.1737
IMR 4350	41.8703	100.0000	3261.9267	54291.4429	96.4353	1.1453	9544.0224
Norma 201	36.8940	90.0000	3260.4232	55839.5071	100.0000	1.1535	8872.2144
Vihtavuori N540	38.7965	91.0000	3256.0496	55839.5071	100.0000	1.1461	8689.0736
Norma 202	36.8180	89.0000	3255.9840	55839.5071	100.0000	1.1469	8560.0579
Accurate 2495	36.0916	88.0000	3253.1709	55839.5071	100.0000	1.1811	8450.0296
Rottweil R902	37.0638	91.0000	3251.0509	55839.5071	100.0000	1.1544	8766.9728
Accurate 2460	37.5143	83.0000	3243.8735	55839.5071	100.0000	1.1606	8583.8415
Lovex D073.5	37.5143	83.0000	3243.8735	55839.5071	100.0000	1.1606	8583.8415
Accurate 2230	37.7013	83.0000	3242.7856	55839.5071	99.9750	1.1513	8693.1977
IMR 4166 Enduron	38.3504	95.0000	3242.7727	55839.5071	97.2814	1.1352	9150.1006
Vihtavuori N150	39.7195	100.0000	3235.8150	54719.7108	100.0000	1.1563	8694.6375
Lovex D073.4	36.8858	82.0000	3233.7872	55839.5071	100.0000	1.1553	8464.0004
Rottweil R901	34.9914	87.0000	3231.2935	55839.5071	100.0000	1.1634	8423.3352
Vihtavuori N135	36.9742	97.0000	3222.9478	55839.5071	100.0000	1.1541	8049.1741
Hodgdon Hybrid 100V	40.7263	100.0000	3209.0479	49074.3846	99.6069	1.1938	9149.3130
Accurate 2700	41.4942	94.0000	3209.0049	55839.5071	96.4549	1.1481	8931.5517
Raufoss RA4	42.0991	100.0000	3206.6671	49504.1585	93.6238	1.1855	9744.3704
Hodgdon H4350	41.1839	100.0000	3202.5714	51227.7654	95.6006	1.1756	9389.3221
Alliant Reloder-26	45.2565	100.0000	3201.2607	42140.8472	96.5415	1.2682	10893.3255

Accurate 2015	34.2007	85.0000	3182.0380	55839.5071	100.0000	1.1613	7762.9752
ADI AR 2209	41.8703	100.0000	3176.0927	47229.1954	92.8593	1.2042	9779.7759
Alliant Reloder-19	42.0991	100.0000	3159.8789	46154.2856	92.8442	1.2227	9795.5194
Norma MRP	43.9294	100.0000	3153.4820	42222.2756	93.2616	1.2687	10459.7506
IMR 4831	40.3144	100.0000	3151.0083	45985.7157	97.9846	1.2447	9429.9319
Rottweil R904	41.5042	100.0000	3149.6139	48788.6944	92.0379	1.1989	9339.6764
Somchem S361	44.8446	100.0000	3141.3156	50484.2429	91.4348	1.1948	9187.6584
Winchester Supreme 780	44.3870	100.0000	3139.5933	47516.7457	93.0416	1.2107	9410.3846
Somchem S385	42.5566	100.0000	3110.4780	45137.3925	93.9388	1.2565	9470.1843
IMR 7828 SSC	43.2430	100.0000	3105.3964	43097.9819	88.8581	1.2542	9916.4251
Vihtavuori N560	43.0142	100.0000	3075.6485	40768.8014	87.5696	1.2916	10028.7381
Hodgdon H4831 SC	42.5566	100.0000	3069.9089	44314.5419	88.9244	1.2464	9285.7788
ADI AR 2213	42.5566	100.0000	3067.8755	42301.8484	88.3133	1.2656	9683.0752
Raufoss RA15	42.5566	100.0000	3061.3069	40187.0111	90.4369	1.3019	9870.0775
Alliant Reloder-22	42.5566	100.0000	3061.3069	40187.0111	90.4369	1.3019	9870.0775
IMR 4955 Enduron	40.9551	100.0000	3029.5613	44103.3640	89.4615	1.2566	8936.2222
Accurate MAGPRO	44.7531	100.0000	3025.3243	39381.9054	84.6871	1.3179	9846.4195
Ramshot Magnum	45.8514	100.0000	2991.5182	39205.7712	90.0256	1.3163	9478.4275
Alliant Reloder-23	41.1839	100.0000	2990.9756	36524.3012	96.3974	1.3583	9491.1732
Rottweil R905	41.7787	100.0000	2978.8838	38874.4719	86.8882	1.3252	9261.9061
Accurate 3100	42.0991	100.0000	2973.6378	38956.6931	93.8139	1.3561	9097.8135
Bofors RP15	41.6415	100.0000	2969.3782	36998.4999	88.5284	1.3554	9520.6076
Winchester WXR	41.6415	100.0000	2969.3782	36998.4999	88.5284	1.3554	9520.6076
Hodgdon H4831	40.9093	100.0000	2937.5047	39039.3229	86.4262	1.3224	8812.9044
Vihtavuori N160	40.3602	100.0000	2917.1346	39534.0033	88.1611	1.3225	8461.4734
Vihtavuori N165	41.6415	100.0000	2915.4080	37926.5549	90.2547	1.3473	8650.9163
IMR 7828	40.9093	100.0000	2909.6044	36048.8207	84.8563	1.3631	9163.0976
SNPE Vectan SP 12	44.9362	100.0000	2907.4186	35923.9590	84.9568	1.3670	9432.3131
PB Clermont PCL 517	44.9362	100.0000	2900.1967	35736.0070	84.6216	1.3700	9406.0476
Alliant Reloder-25	41.8703	100.0000	2887.3157	33532.6674	90.7965	1.4041	9469.3404
ADI AP 2214	43.7006	100.0000	2872.9829	36436.5977	84.0688	1.3610	8941.7899

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