

CARTRIDGE: .300 Win. Mag.(SAAMI)

Bullet: .308, 180, Flatline - F T/R

Useable Case Capacity: 82.024 grain H₂O = 5.326 cm³

Cartridge O.A.L. L6: 3.720 inch = 94.49 mm

Barrel Length: 24.0 inch = 609.6 mm



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Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 56000 psi, or 386 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)
Alliant Reloder-26	80.8123	99.0000	3288.2522	56000.0638	99.9068	1.1252	13176.4878
Norma MRP	78.9011	100.0000	3248.4834	55886.2288	98.4836	1.1247	13086.4411
ReloadSwiss RS 60	71.7823	91.0000	3242.0451	56000.0638	100.0000	1.1136	11800.3259
ReloadSwiss RS 70	77.9468	97.0000	3238.8768	56000.0638	98.9123	1.1117	12739.6236
Alliant Reloder-17	70.9711	89.0000	3213.7320	56000.0638	100.0000	1.1216	11724.3689
Elcho 17	70.9711	89.0000	3213.7320	56000.0638	100.0000	1.1216	11724.3689
IMR 7828 SSC	77.6683	100.0000	3205.1194	55405.7702	95.5512	1.1174	12720.9928
Alliant Reloder-16	70.4160	96.0000	3184.8400	56000.0638	99.9996	1.1336	11605.3510
Somchem S365	71.9889	96.0000	3179.0734	56000.0638	100.0000	1.1377	11201.3178
ReloadSwiss RS 62	73.4095	93.0000	3175.0821	56000.0638	99.7583	1.1431	11826.0622
Vihtavuori N560	77.2573	100.0000	3173.3528	53054.8502	94.4390	1.1495	12911.8960
ADI AR 2209	73.6746	98.0000	3170.7828	56000.0638	96.9636	1.1153	12071.1291
PB Clermont PCL 511	73.2600	91.0000	3170.1015	56000.0638	99.0737	1.1304	11933.1772
Ramshot Hunter	73.3708	94.0000	3168.6548	56000.0638	99.0705	1.1305	11916.2794
Alliant Reloder-19	74.3846	98.0000	3165.6887	56000.0638	97.0523	1.1245	12125.3563
Hodgdon H414	70.9401	89.0000	3164.8394	56000.0638	98.4775	1.1320	11922.6825
Winchester 760	70.9401	89.0000	3164.8394	56000.0638	98.4775	1.1320	11922.6825
ADI AR 2213	76.4355	100.0000	3159.1876	53868.3735	94.9749	1.1308	12449.7227
Norma URP	69.9019	93.0000	3154.4814	56000.0638	99.8113	1.1360	11517.9814
Vihtavuori N550	70.0848	91.0000	3151.4550	56000.0638	99.7509	1.1411	11622.1306
Alliant Reloder-22	76.4355	100.0000	3150.0027	52660.5148	96.4893	1.1585	12545.3351
Raufoss RA15	76.4355	100.0000	3150.0027	52660.5148	96.4893	1.1585	12545.3351
Accurate 4350	70.1368	93.0000	3148.2780	56000.0638	99.8291	1.1551	11521.3513
Raufoss RA4	72.8623	96.0000	3141.0840	56000.0638	96.7864	1.1250	11808.8884
Norma 204	72.8623	93.0000	3141.0840	56000.0638	96.7864	1.1250	11808.8884
Accurate MAGPRO	80.3805	100.0000	3140.2673	52198.9381	92.4097	1.1655	12821.5719
SNPE Vectan SP 11	68.0951	87.0000	3136.0518	56000.0638	99.9999	1.1340	11088.6466
Hodgdon H4831 SC	76.2517	100.0000	3135.0139	56000.0638	94.8219	1.1213	11846.5552

IMR 4831	71.0051	98.0000	3134.8917	56000.0638	99.8645	1.1461	11287.0333
Somchem S385	75.3565	99.0000	3128.5477	56000.0638	97.9519	1.1457	11676.2577
Hodgdon Hybrid 100V	70.2550	96.0000	3120.9771	56000.0638	100.0000	1.1342	10665.3194
Ramshot Magnum	82.3530	100.0000	3117.6397	51989.8119	97.0339	1.1583	12097.5914
Winchester Supreme 780	77.5555	97.0000	3116.2933	56000.0638	96.9095	1.1291	11528.6468
Norma 203B	64.4208	85.0000	3115.8137	56000.0638	100.0000	1.1418	10881.4926
Hodgdon H380	66.6306	86.0000	3108.9576	56000.0638	99.6525	1.1453	11102.3832
Rottweil R904	72.3882	97.0000	3107.6625	56000.0638	95.7424	1.1267	11466.5166
IMR 4320	64.5694	87.0000	3106.4006	56000.0638	99.9998	1.1238	10602.9514
Lovex S070	69.6403	93.0000	3106.1604	56000.0638	98.5970	1.1470	11320.9295
Hodgdon H4350	70.7978	96.0000	3105.5027	56000.0638	97.9099	1.1288	11241.3759
IMR 4350	70.6407	94.0000	3105.1386	56000.0638	97.9977	1.1295	11225.3423
Bofors RP3	66.0430	86.0000	3103.5569	56000.0638	100.0000	1.1569	10703.0626
Norma 203 old	66.0430	86.0000	3103.5569	56000.0638	100.0000	1.1569	10703.0626
Rottweil R903	66.0917	88.0000	3098.5708	56000.0638	100.0000	1.1566	10635.4207
Somchem S355	65.4670	89.0000	3094.6747	56000.0638	100.0000	1.1490	10630.0955
ReloadSwiss RS 50	67.8467	86.0000	3092.0780	56000.0638	98.8622	1.1387	11017.5875
Lovex S065	68.0427	92.0000	3086.6602	56000.0638	99.2828	1.1463	10956.7024
Bofors RP7	67.5718	91.0000	3085.9166	56000.0638	97.9722	1.1399	11107.0502
Rottweil R907	67.5718	91.0000	3085.9166	56000.0638	97.9722	1.1399	11107.0502
IMR 4007 SSC	67.6235	88.0000	3085.2155	56000.0638	97.9697	1.1400	11099.3882
IMR 4064	62.9288	88.0000	3079.9858	56000.0638	99.9801	1.1324	10424.3661
Lovex S062	63.0863	86.0000	3072.3764	56000.0638	100.0000	1.1491	10229.2112
Alliant Reloder-23	73.9698	100.0000	3071.2066	48460.9383	99.8375	1.2018	11592.8515
Rottweil R905	75.0383	100.0000	3070.0725	50760.3327	93.7122	1.1781	11948.9885
Somchem S361	77.4246	96.0000	3068.7397	56000.0638	94.8539	1.1399	11185.4189
Bofors RP15	74.7917	100.0000	3061.2505	48431.4370	95.1575	1.2000	12209.8320
Winchester WXR	74.7917	100.0000	3061.2505	48431.4370	95.1575	1.2000	12209.8320
Accurate 4064	63.2865	86.0000	3061.1169	56000.0638	100.0000	1.1794	10010.1248
Accurate 3100	75.6136	100.0000	3061.1053	52702.4708	98.6264	1.1941	11328.9478
Vihtavuori N150	66.6705	93.0000	3054.8650	56000.0638	100.0000	1.1462	9998.7179
SNPE Vectan SP 12	80.7093	100.0000	3051.2793	47457.8736	93.7439	1.1974	12378.2780
PB Clermont PCL 517	80.7093	100.0000	3045.0213	47199.0028	93.5093	1.1998	12364.6212
Accurate 2700	69.7334	88.0000	3036.6747	56000.0638	97.8178	1.1428	10499.9924
Vihtavuori N135	61.3776	90.0000	3017.6215	56000.0638	100.0000	1.1552	9240.6797
IMR 7828	73.4767	100.0000	3015.1457	46349.6961	92.6105	1.2063	11969.1621
Hodgdon H4831	73.4767	100.0000	3014.3462	49747.3823	93.0132	1.1820	11380.2716
Alliant Reloder-25	75.2026	100.0000	3000.3009	43730.1661	97.6358	1.2385	12075.1622
ADI AP 2214	78.4902	100.0000	2998.7592	46904.3418	92.7407	1.1994	11785.4918
Vihtavuori N165	74.7917	100.0000	2991.5876	49477.6804	96.1380	1.1988	11003.6662
Vihtavuori N160	72.4904	100.0000	2978.0503	50192.4368	94.0813	1.1883	10844.4251
Bofors RP30	75.6136	100.0000	2889.7636	39912.0786	90.8112	1.2921	11855.0928
Norma MRP 2	75.6136	100.0000	2889.7636	39912.0786	90.8112	1.2921	11855.0928
Lovex S071	71.5041	100.0000	2886.5145	44099.2458	96.7606	1.2833	10807.8812
Vihtavuori N570	79.7230	100.0000	2845.8856	38459.2493	82.2113	1.3049	12060.1752
Hodgdon H1000	74.7917	100.0000	2824.1507	39856.9810	89.3101	1.2828	10996.9073