

CARTRIDGE: .300 Win. Mag.(SAAMI)

Bullet: .308, 198, Flatline

Useable Case Capacity: 82.790 grain H₂O = 5.375 cm³

Cartridge O.A.L. L6: 3.895 inch = 98.93 mm

Barrel Length: 31.0 inch = 787.4 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	78.4952	96.0000	3307.4498	56000.0638	100.0000	1.3725	9530.4662
Norma MRP	76.7936	96.0000	3280.8191	56000.0638	99.9910	1.3706	9674.8053
Vihtavuori N560	76.5132	98.0000	3273.9988	56000.0638	98.6557	1.3659	9966.4966
ReloadSwiss RS 70	76.0575	94.0000	3271.6693	56000.0638	100.0000	1.3552	9371.0427
Accurate MAGPRO	79.9105	98.0000	3262.0452	56000.0638	97.5833	1.3751	10037.8831
IMR 7828 SSC	76.0817	97.0000	3261.0416	56000.0638	98.9859	1.3557	9646.1049
Raufoss RA15	75.8355	98.0000	3246.8280	56000.0638	99.6342	1.3739	9562.0477
Alliant Reloder-22	75.8355	98.0000	3246.8280	56000.0638	99.6342	1.3739	9562.0477
ADI AR 2213	75.5971	98.0000	3245.7204	56000.0638	98.8866	1.3544	9577.2471
ReloadSwiss RS 60	69.7959	87.0000	3238.8221	56000.0638	100.0000	1.3624	8554.1019
SNPE Vectan SP 12	81.4627	100.0000	3233.0418	53487.7843	99.1313	1.3863	9734.5581
Ramshot Magnum	82.0484	99.0000	3229.4596	56000.0638	99.9079	1.3662	9146.9446
PB Clermont PCL 517	81.4627	100.0000	3228.0257	53178.2615	99.0372	1.3897	9743.7346
Winchester WXR	75.4899	100.0000	3217.3577	54401.7771	99.4282	1.3926	9522.1589
Bofors RP15	75.4899	100.0000	3217.3577	54401.7771	99.4282	1.3926	9522.1589
Elcho 17	68.9377	86.0000	3210.6791	56000.0638	100.0000	1.3734	8492.6441
Alliant Reloder-17	68.9377	86.0000	3210.6791	56000.0638	100.0000	1.3734	8492.6441
Rottweil R905	75.3982	100.0000	3208.4830	56000.0638	98.5427	1.3765	9346.7826
ADI AR 2209	71.9270	95.0000	3202.1481	56000.0638	99.4955	1.3634	9072.7581
Alliant Reloder-19	72.5752	95.0000	3197.3798	56000.0638	99.5168	1.3726	9109.9627
Alliant Reloder-23	74.6604	100.0000	3193.1506	54868.3933	100.0000	1.3944	8551.5807
PB Clermont PCL 511	71.3970	88.0000	3190.5229	56000.0638	100.0000	1.3802	8766.0760
Ramshot Hunter	71.5088	91.0000	3189.1083	56000.0638	100.0000	1.3804	8754.3112
ReloadSwiss RS 62	71.4198	89.0000	3187.1984	56000.0638	100.0000	1.3943	8558.5795
Alliant Reloder-16	68.4570	92.0000	3186.7938	56000.0638	100.0000	1.3850	8369.4995
Winchester 760	69.1218	86.0000	3186.3956	56000.0638	99.9672	1.3822	8792.4698
Hodgdon H414	69.1218	86.0000	3186.3956	56000.0638	99.9672	1.3822	8792.4698
IMR 7828	74.1626	100.0000	3180.2454	51626.9507	98.3260	1.4058	9477.9260

Raufoss RA4	71.1529	93.0000	3171.7205	56000.0638	99.3804	1.3747	8886.6983
Norma 204	71.1529	90.0000	3171.7205	56000.0638	99.3804	1.3747	8886.6983
Hodgdon H4831 SC	74.4744	97.0000	3170.7873	56000.0638	98.2751	1.3718	9028.3735
Somchem S365	69.9194	92.0000	3170.6873	56000.0638	100.0000	1.3915	8091.7428
ADI AP 2214	79.2229	100.0000	3170.5378	52196.8884	98.6042	1.3967	9337.3356
Vihtavuori N550	68.2903	88.0000	3164.2028	56000.0638	100.0000	1.3929	8475.3774
Norma URP	68.0873	90.0000	3163.7905	56000.0638	100.0000	1.3882	8365.0178
Alliant Reloder-25	75.9047	100.0000	3160.3463	48961.7270	100.0000	1.4383	9144.1350
Hodgdon H4831	74.1626	100.0000	3158.1056	55240.6696	98.1612	1.3799	8999.6582
Accurate 4350	68.2432	89.0000	3156.8285	56000.0638	100.0000	1.4091	8322.1568
Somchem S385	73.5029	95.0000	3154.8523	56000.0638	99.8440	1.3972	8676.5525
Winchester Supreme 780	75.7804	94.0000	3146.8036	56000.0638	99.4553	1.3818	8683.6351
IMR 4831	69.1495	95.0000	3142.3040	56000.0638	100.0000	1.3993	8173.5141
Rottweil R904	70.7657	94.0000	3139.6789	56000.0638	98.7858	1.3776	8682.0671
Accurate 3100	75.0405	98.0000	3139.4185	56000.0638	100.0000	1.4145	8394.5691
Hodgdon H4350	69.1576	93.0000	3127.5461	56000.0638	99.8057	1.3812	8369.4288
IMR 4350	69.0038	91.0000	3126.6842	56000.0638	99.8337	1.3812	8350.1624
Lovex S070	67.9810	90.0000	3126.4408	56000.0638	99.9757	1.3997	8366.1030
Vihtavuori N165	75.4899	100.0000	3124.0495	55091.8313	99.6658	1.3971	8468.5287
Hodgdon Hybrid 100V	68.4126	93.0000	3115.4203	56000.0638	100.0000	1.3905	7701.8818
Rottweil R907	66.0651	88.0000	3107.9757	56000.0638	99.8166	1.3931	8277.4024
Bofors RP7	66.0651	88.0000	3107.9757	56000.0638	99.8166	1.3931	8277.4024
Vihtavuori N160	73.1672	100.0000	3107.4818	55227.5048	98.6164	1.3906	8494.2115
IMR 4007 SSC	66.1164	85.0000	3107.2586	56000.0638	99.8156	1.3933	8271.8830
Somchem S361	75.7608	93.0000	3104.9130	56000.0638	98.2199	1.3922	8525.7950
Lovex S065	66.4617	89.0000	3100.7781	56000.0638	100.0000	1.4005	8036.0452
Rottweil R903	64.3778	85.0000	3094.7186	56000.0638	100.0000	1.4131	7695.2420
Somchem S355	63.8360	86.0000	3092.7092	56000.0638	100.0000	1.4048	7722.5648
Bofors RP30	76.3195	100.0000	3078.1742	45122.2564	97.6117	1.4970	9551.7459
Norma MRP 2	76.3195	100.0000	3078.1742	45122.2564	97.6117	1.4970	9551.7459
IMR 4064	61.4346	85.0000	3077.6669	56000.0638	100.0000	1.3880	7560.9458
Vihtavuori N570	80.4673	100.0000	3066.8496	43228.5363	91.8821	1.5091	10184.2648
Accurate 2700	68.2493	86.0000	3056.2036	56000.0638	99.7465	1.3990	7821.7915
Vihtavuori N150	65.0681	90.0000	3046.0351	56000.0638	100.0000	1.4055	7293.0004
Lovex S071	72.1717	100.0000	3029.2002	49538.4632	99.9064	1.4921	8264.9798
ADI AR 2217	75.4899	100.0000	3003.5367	44252.4250	96.7844	1.4936	8944.0914
Hodgdon H1000	75.4899	100.0000	3003.5367	44252.4250	96.7844	1.4936	8944.0914
Vihtavuori N135	59.7834	86.0000	2991.0893	56000.0638	100.0000	1.4196	6702.6807
Alliant Reloder-33	82.7900	100.0000	2979.0771	40307.0489	90.9469	1.5537	9863.2899
ADI AR 2225	76.7343	100.0000	2969.5507	39434.0793	98.5937	1.5602	9338.6490
Hodgdon Retumbo	76.7343	100.0000	2969.5507	39434.0793	98.5937	1.5602	9338.6490
ReloadSwiss RS 80	82.7900	100.0000	2928.0639	38379.3361	90.6549	1.5810	9717.7991
ADI AR 2218	81.2968	100.0000	2901.8233	38492.8442	87.7050	1.5742	9750.1263
Norma 217	75.1581	100.0000	2880.8622	35235.3077	96.5575	1.6377	9319.3141
Lovex D100	82.1264	100.0000	2878.2398	43817.7593	86.1014	1.5307	8350.7068
Vihtavuori 24N41	81.2968	100.0000	2857.4321	40643.8344	83.1310	1.5586	8669.0876