

.50 Beowulf® 12” Alexander Arms® Factory Barrel

300 Gr FTX Alexander Arms® Ammunition

Deer Maximum Point Blank Range Zero (10” Vital Zone)

Maximum PBR: 196 yd Maximum PBR Zero: 168 yd

Muzzle Velocity: 1695.0 ft/s

Ballistic Coefficient: .200 G1

Caliber: .500 in

Bullet Weight: 300 gr

Sight Height: 2.65 in

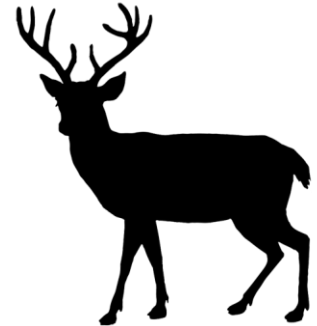
Wind Speed: 10 mph at 90 deg Target Speed: 10 mph at 90 deg

Temperature: 59 °F Pressure: 29.92 in Hg

Vital Zone Radius: 5 in (deer-sized animals)

Energy at Maximum PBR: 884.9 ft-lbs

Sectional Density: .171 lb/in²



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Range (yd)	Drop (in)	Drop (MOA)	Windage (in)	Windage (MOA)	Velocity (ft/s)	Mach (none)	Energy (ft-lbs)	Time (s)	Lead (in)	Lead (MOA)
0	-2.6	***	0.0	***	1695.0	1.518	1913.5	0.000	0.0	***
50	3.0	5.7	0.8	1.6	1528.7	1.369	1556.4	0.093	16.4	31.3
100	4.9	4.7	3.4	3.3	1379.3	1.235	1267.0	0.197	34.6	33.0
150	2.3	1.4	8.0	5.1	1250.2	1.120	1041.0	0.311	54.7	34.8
200	-6.0	-2.8	14.5	6.9	1145.2	1.026	873.5	0.436	76.8	36.7
250	-20.8	-7.9	22.9	8.7	1065.2	0.954	755.7	0.573	100.8	38.5
300	-43.3	-13.8	32.9	10.5	1004.5	0.900	672.1	0.718	126.3	40.2
350	-74.4	-20.3	44.2	12.1	956.0	0.856	608.7	0.871	153.3	41.8
400	-115.0	-27.5	56.9	13.6	915.1	0.820	557.7	1.031	181.5	43.3
450	-166.0	-35.2	70.8	15.0	879.2	0.787	514.8	1.199	211.0	44.8
500	-228.2	-43.6	85.8	16.4	846.8	0.758	477.6	1.373	241.6	46.1
550	-302.6	-52.5	102.0	17.7	817.1	0.732	444.7	1.553	273.4	47.5
600	-390	-62.1	119.4	19.0	789.6	0.707	415.2	1.740	306.3	48.7
650	-491.4	-72.2	137.9	20.3	763.6	0.684	388.4	1.934	340.3	50.0
700	-607.8	-82.9	157.5	21.5	739.0	0.662	363.7	2.134	375.6	51.2
750	-740.1	-94.2	178.3	22.7	715.5	0.641	341.0	2.341	412.0	52.5
800	-889.5	-106.2	200.4	23.9	693.2	0.621	320.0	2.555	449.6	53.7
850	-1057.2	-118.8	223.7	25.1	671.9	0.602	300.6	2.775	488.5	54.9
900	-1244.2	-132.0	248.2	26.3	651.5	0.584	282.7	3.003	528.6	56.1

950	-1452.0	-146.0	274.1	27.5	631.9	0.566	265.9	3.239	570.0	57.3
1000	-1681.9	-160.6	301.3	28.8	613.0	0.549	250.3	3.482	612.8	58.5