

.50 Beowulf® 16” Alexander Arms® Factory Barrel 300gr FTX Alexander Arms® Ammunition

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

Maximum PBR: 205 yd Maximum PBR Zero: 176 yd

Muzzle Velocity: 1793 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: 942.3 ft-lbs

Sectional Density: .171 lb/in²



.50 Beowulf® • 300gr FTX Alexander Arms® Ammunition • 205yd MPB Range • 16” AA Barrel										
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	***	1793.0	1.606	2141.2	0.000	0.0	***
50	2.8	5.3	0.8	1.5	1618.5	1.450	1744.7	0.088	15.5	29.6
100	4.9	4.7	3.2	3.1	1459.4	1.307	1418.5	0.186	32.7	31.2
150	2.9	1.9	7.6	4.8	1318.7	1.181	1158.1	0.294	51.7	32.9
200	-4.0	-1.9	13.8	6.6	1200.0	1.075	959	0.413	72.7	34.7
250	-17.1	-6.5	22.1	8.4	1106.5	0.991	815.4	0.544	95.7	36.6
300	-37.2	-11.8	32.0	10.2	1036.1	0.928	715.0	0.684	120.4	38.3
350	-65.4	-17.8	43.5	11.9	981.6	0.879	641.8	0.833	146.6	40.0
400	-102.6	-24.5	56.3	13.5	936.9	0.839	584.7	0.989	174.1	41.6
450	-149.7	-31.8	70.4	14.9	898.5	0.805	537.7	1.153	202.9	43.1
500	-207.6	-39.6	85.7	16.4	864.3	0.774	497.6	1.323	232.9	44.5
550	-277.1	-48.1	102.1	17.7	833.3	0.746	462.4	1.500	264.1	45.8
600	-359.1	-57.2	119.7	19.0	804.6	0.721	431.2	1.684	296.3	47.2
650	-454.7	-66.8	138.4	20.3	777.8	0.697	402.9	1.874	329.8	48.4
700	-564.6	-77.0	158.2	21.6	752.5	0.674	377.1	2.070	364.3	49.7
750	-689.9	-87.8	179.2	22.8	728.4	0.652	353.3	2.273	400.1	50.9
800	-831.7	-99.3	201.5	24.0	705.4	0.632	331.4	2.483	437.0	52.2
850	-991.1	-111.4	224.9	25.3	683.5	0.612	311.2	2.700	475.2	53.4
900	-1169.3	-124.1	249.6	26.5	662.7	0.594	292.5	2.924	514.6	54.6

950	-1367.5	-137.5	275.6	27.7	642.7	0.576	275.1	3.155	555.4	55.8
1000	-1587.0	-151.5	302.9	28.9	623.4	0.558	258.8	3.394	597.4	57.0