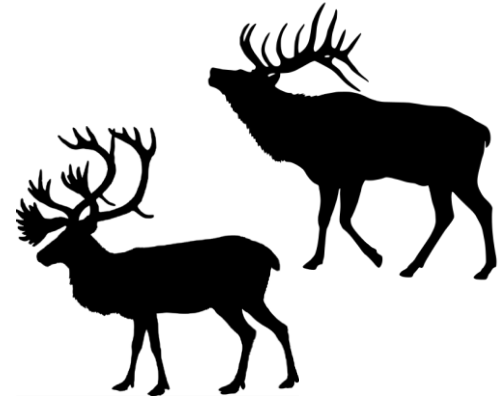


**.50 Beowulf® 12” Alexander Arms® Factory Barrel  
400gr Hawk Flat Point Alexander Arms® Ammunition  
Elk/Caribou Maximum Point Blank Range Zero (15” Vital Zone)  
Maximum PBR: 210 yd    Maximum PBR Zero:  
179 yd**

Muzzle Velocity: 1524 ft/s  
Ballistic Coefficient: .202 G1  
Caliber: .500 in  
Bullet Weight: 400 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: 7.5 in (elk/caribou-sized animals)  
Energy at Maximum PBR: 983.8 ft-lbs  
Sectional Density: .229 lb/in<sup>2</sup>



.50 Beowulf® • 400gr Hawk FP Alexander Arms Ammunition® • 210 yd MPBZ range • 12” 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	***	1524	1.365	2062.5	0.000	0.0	***
50	4.7	9.0	0.9	1.7	1376.5	1.233	1682.6	0.104	18.2	34.8
100	7.4	7.1	3.7	3.6	1249.0	1.119	1385.4	0.218	38.4	36.7
150	4.6	2.9	8.5	5.4	1145.2	1.026	1164.6	0.344	60.5	38.5
200	-4.8	-2.3	15.1	7.2	1065.9	0.955	1008.9	0.480	84.4	40.3
250	-21.9	-8.4	23.3	8.9	1005.6	0.901	897.9	0.625	110	42.0
300	-47.6	-15.2	33.0	10.5	957.3	0.857	813.8	0.778	136.9	43.6
350	-82.8	-22.6	43.8	12.0	916.6	0.821	746.0	0.938	165.1	45.0
400	-128.3	-30.6	55.9	13.3	880.8	0.789	688.9	1.105	194.5	46.4
450	-185.0	-39.3	69.1	14.7	848.6	0.760	639.5	1.279	225.1	47.8
500	-253.8	-48.5	83.5	16.0	819.1	0.734	595.7	1.459	256.7	49.0
550	-335.6	-58.3	99.0	17.2	791.6	0.709	556.5	1.645	289.6	50.3
600	-431.2	-68.6	115.7	18.4	765.8	0.686	520.8	1.838	323.5	51.5
650	-541.8	-79.6	133.4	19.6	741.3	0.664	488.0	2.038	358.6	52.7
700	-668.2	-91.2	152.4	20.8	717.9	0.643	457.7	2.244	394.9	53.9
750	-811.5	-103.3	172.6	22.0	695.7	0.623	429.8	2.457	432.4	55.1
800	-973.0	-116.1	193.9	23.1	674.5	0.604	404.0	2.677	471.1	56.2

850	-1153.7	-129.6	216.6	24.3	654.2	0.586	380.0	2.904	511.1	57.4
900	-1355.0	-143.8	240.5	25.5	634.7	0.568	357.7	3.138	552.3	58.6
950	-1578.2	-158.6	265.7	26.7	615.9	0.552	336.8	3.380	594.9	59.8
1000	-1824.6	-174.2	292.3	27.9	597.8	0.535	317.4	3.629	638.8	61.0