

# BIG BORE

## Semi-Auto Comparison

Cartridge	375 RAPTOR	375 RAPTOR	450 Bushmaster	45 RAPTOR	458 SOCOM	458 Ham'r	50 Beowulf	500 Auto Max
Caliber	0.375	0.375	0.452	0.452	0.458	0.458	0.499	0.499
Weight (Grains)	250	260	250	300	300	300	300	275
Manufacturer	Sierra	Nosler	Hornady	Hornady	Barnes	Barnes	Hornady	Barnes
Type	Game King	Accubond	FTX	XTP MAG	Tipped TSX BT	Tipped TSX BT	XTP MAG	DPX
Ballistic Coefficient (G1)	0.363	0.473	0.210	0.200	0.236	0.236	0.120	0.141
Muzzle Velocity (FPS)	2460	2400	2250	2200	1900	2100	1900	2250
Muzzle Energy (FT-LBS)	3359	3325	2809	3224	2404	2938	2404	3091
Max Point Blank Range (Yards)	251	252	212	206	186	204	163	195
Platform	AR10 / LR308	AR10 / LR308	AR15	AR10 / LR308	AR15	AR10 / LR308	AR15	AR10 / LR308

50 Yards								
	375 RAPTOR	375 RAPTOR	450 Bushmaster	45 RAPTOR	458 SOCOM	458 Ham'r	50 Beowulf	500 Auto Max
Velocity	2342	2308	2053	1997	1742	1931	1599	1961
Energy	3044	3075	2340	2655	2021	2485	1703	2347
Drop	0.7	0.8	1.1	1.2	1.5	1.3	1.8	1.2
3 MPH Wind Drift	0.1	0.1	0.2	0.2	0.2	0.2	0.4	0.3

100 Yards								
	375 RAPTOR	375 RAPTOR	450 Bushmaster	45 RAPTOR	458 SOCOM	458 Ham'r	50 Beowulf	500 Auto Max
Velocity	2227	2218	1867	1805	1594	1772	1343	1696
Energy	2752	2841	1935	2169	1696	2090	1202	1756
Drop	2.7	2.7	2.9	2.9	3	3	2.9	2.9
3 MPH Wind Drift	0.3	0.3	0.7	0.8	0.8	0.7	1.6	1.1

150 Yards								
	375 RAPTOR	375 RAPTOR	450 Bushmaster	45 RAPTOR	458 SOCOM	458 Ham'r	50 Beowulf	500 Auto Max
Velocity	2116	2131	1692	1626	1458	1622	1149	1461
Energy	2485	2620	1590	1761	1416	1752	879	1303
Drop	2.8	2.8	2.3	2	1	1.9	-0.9	1.6
3 MPH Wind Drift	0.8	0.6	1.6	1.8	1.8	1.6	3.9	2.6

200 Yards								
	375 RAPTOR	375 RAPTOR	450 Bushmaster	45 RAPTOR	458 SOCOM	458 Ham'r	50 Beowulf	500 Auto Max
Velocity	2008	2045	1531	1464	1336	1483	1024	1264
Energy	2239	2413	1301	1427	1188	1465	698	976
Drop	1	1	-1.5	-2.2	-5.1	-2.5	-11.2	-3.8
3 MPH Wind Drift	1.4	1.1	3	3.3	3.3	2.9	7	4.9

250 Yards								
	375 RAPTOR	375 RAPTOR	450 Bushmaster	45 RAPTOR	458 SOCOM	458 Ham'r	50 Beowulf	500 Auto Max
Velocity	1904	1961	1386	1320	1229	1358	941	1117
Energy	2012	2219	1066	1160	1006	1228	590	761
Drop	-2.9	-2.9	-8.9	-10.5	-16.1	-10.8	-29.8	-14.7
3 MPH Wind Drift	2.2	1.8	4.9	5.4	5.3	4.7	10.9	8.1

300 Yards								
	375 RAPTOR	375 RAPTOR	450 Bushmaster	45 RAPTOR	458 SOCOM	458 Ham'r	50 Beowulf	500 Auto Max
Velocity	1804	1879	1259	1199	1141	1248	877	1017
Energy	1805	2038	880	958	867	1038	513	632
Drop	-9.3	-9	-20.9	-23.8	-32.8	-23.9	-58.2	-32.5
3 MPH Wind Drift	3.3	2.6	7.4	8.1	7.9	7	15.5	12

All calculations performed using [www.JBMBallistics.com](http://www.JBMBallistics.com) using published data