

### .308 Dia., 150 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 2.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE METERS	MUZZLE	50	100	150	200	250
MAXIMUM POINT BLANK RANGE IS 210 METERS. SET ZERO AT 175 METERS.						
VELOCITY FPS	2800	2673	2551	2431	2315	2202
ENERGY FT-LB	2610	2380	2167	1969	1785	1615
DROP INCHES	.00	-.67	-2.79	-6.51	-11.99	-19.41
BULLET PATH (50 M)	-.80	.00	-.65	-2.90	-6.91	-12.86
INCHES (100 M)	-.80	.33	.00	-1.92	-5.60	-11.22
(ZERO RANGE) (150 M)	-.80	.97	1.28	.00	-3.04	-8.02
(200 M)	-.80	1.73	2.80	2.28	.00	-4.22
MPBR ZERO (175 M)	-.80	1.34	2.02	1.11	-1.57	-6.18
WIND DRIFT (10 MPH)	.00	.24	.98	2.26	4.12	6.59
INCHES (20 MPH)	.00	.48	1.97	4.53	8.24	13.18

MAXIMUM POINT BLANK RANGE IS 200 METERS. SET ZERO AT 165 METERS.						
VELOCITY FPS	2700	2576	2456	2339	2226	2115
ENERGY FT-LB	2427	2210	2009	1823	1650	1490
DROP INCHES	.00	-.72	-3.01	-7.02	-12.92	-20.93
BULLET PATH (50 M)	-.80	.00	-.77	-3.25	-7.64	-14.12
INCHES (100 M)	-.80	.38	.00	-2.10	-6.11	-12.21
(ZERO RANGE) (150 M)	-.80	1.08	1.40	.00	-3.30	-8.70
(200 M)	-.80	1.91	3.05	2.48	.00	-4.57
MPBR ZERO (165 M)	-.80	1.32	1.88	.71	-2.35	-7.52
WIND DRIFT (10 MPH)	.00	.25	1.04	2.38	4.34	6.95
INCHES (20 MPH)	.00	.51	2.07	4.77	8.68	13.91

MAXIMUM POINT BLANK RANGE IS 190 METERS. SET ZERO AT 160 METERS.						
VELOCITY FPS	2600	2479	2361	2247	2136	2028
ENERGY FT-LB	2251	2047	1857	1682	1519	1370
DROP INCHES	.00	-.78	-3.25	-7.58	-13.97	-22.64
BULLET PATH (50 M)	-.80	.00	-.89	-3.64	-8.46	-15.55
INCHES (100 M)	-.80	.45	.00	-2.31	-6.67	-13.32
(ZERO RANGE) (150 M)	-.80	1.21	1.54	.00	-3.60	-9.47
(200 M)	-.80	2.11	3.34	2.70	.00	-4.97
MPBR ZERO (160 M)	-.80	1.39	1.88	.51	-2.91	-8.61
WIND DRIFT (10 MPH)	.00	.27	1.09	2.52	4.59	7.36
INCHES (20 MPH)	.00	.53	2.19	5.04	9.18	14.71

MAXIMUM POINT BLANK RANGE IS 185 METERS. SET ZERO AT 155 METERS.						
VELOCITY FPS	2500	2381	2267	2155	2046	1941
ENERGY FT-LB	2081	1889	1711	1547	1395	1255
DROP INCHES	.00	-.84	-3.52	-8.21	-15.15	-24.57
BULLET PATH (50 M)	-.80	.00	-1.03	-4.09	-9.38	-17.15
INCHES (100 M)	-.80	.52	.00	-2.54	-7.31	-14.57
(ZERO RANGE) (150 M)	-.80	1.36	1.69	.00	-3.93	-10.34
(200 M)	-.80	2.34	3.66	2.95	.00	-5.43
MPBR ZERO (155 M)	-.80	1.46	1.88	.28	-3.56	-9.88
WIND DRIFT (10 MPH)	.00	.28	1.16	2.67	4.87	7.80
INCHES (20 MPH)	.00	.57	2.32	5.34	9.74	15.61

MAXIMUM POINT BLANK RANGE IS 180 METERS. SET ZERO AT 150 METERS.						
VELOCITY FPS	2400	2284	2172	2063	1957	1855
ENERGY FT-LB	1918	1738	1571	1417	1276	1146
DROP INCHES	.00	-.92	-3.82	-8.93	-16.48	-26.75
BULLET PATH (50 M)	-.80	.00	-1.19	-4.59	-10.42	-18.97
INCHES (100 M)	-.80	.60	.00	-2.80	-8.04	-15.99
(ZERO RANGE) (150 M)	-.80	1.53	1.87	.00	-4.31	-11.33
(200 M)	-.80	2.61	4.02	3.23	.00	-5.94
MPBR ZERO (150 M)	-.80	1.53	1.87	.00	-4.31	-11.33
WIND DRIFT (10 MPH)	.00	.30	1.23	2.84	5.17	8.29
INCHES (20 MPH)	.00	.60	2.46	5.67	10.35	16.59

MAXIMUM POINT BLANK RANGE IS 175 METERS. SET ZERO AT 145 METERS.

VELOCITY FPS		2300	2187	2077	1971	1868	1766
ENERGY FT-LB		1761	1593	1437	1294	1162	1038
DROP INCHES		.00	-1.00	-4.17	-9.75	-18.00	-29.23
BULLET PATH	( 50 M )	-.80	.00	-1.37	-5.15	-11.61	-21.04
INCHES	(100 M )	-.80	.69	.00	-3.09	-8.86	-17.61
(ZERO RANGE)	(150 M )	-.80	1.72	2.06	.00	-4.74	-12.45
	(200 M )	-.80	2.90	4.43	3.55	.00	-6.53
MPBR ZERO	(145 M )	-.80	1.61	1.84	-.33	-5.18	-13.01
WIND DRIFT	(10 MPH)	.00	.32	1.31	3.02	5.51	8.84
INCHES	(20 MPH)	.00	.64	2.62	6.04	11.02	17.68

RANGE METERS                                          MUZZLE        50                          100                          150                          200                          250

MAXIMUM POINT BLANK RANGE IS 165 METERS. SET ZERO AT 135 METERS.

VELOCITY FPS		2200	2090	1983	1880	1778	1671
ENERGY FT-LB		1611	1454	1310	1177	1053	930
DROP INCHES		.00	-1.09	-4.56	-10.68	-19.73	-32.08
BULLET PATH	( 50 M )	-.80	.00	-1.58	-5.80	-12.96	-23.42
INCHES	(100 M )	-.80	.79	.00	-3.43	-9.80	-19.47
(ZERO RANGE)	(150 M )	-.80	1.93	2.29	.00	-5.23	-13.75
	(200 M )	-.80	3.24	4.90	3.92	.00	-7.21
MPBR ZERO	(135 M )	-.80	1.57	1.56	-1.09	-6.68	-15.57
WIND DRIFT	(10 MPH)	.00	.34	1.40	3.22	5.88	9.50
INCHES	(20 MPH)	.00	.68	2.79	6.45	11.77	19.01

MAXIMUM POINT BLANK RANGE IS 155 METERS. SET ZERO AT 130 METERS.

VELOCITY FPS		2100	1993	1889	1788	1681	1579
ENERGY FT-LB		1468	1322	1188	1065	941	830
DROP INCHES		.00	-1.20	-5.02	-11.75	-21.73	-35.40
BULLET PATH	( 50 M )	-.80	.00	-1.82	-6.55	-14.53	-26.20
INCHES	(100 M )	-.80	.91	.00	-3.82	-10.90	-21.65
(ZERO RANGE)	(150 M )	-.80	2.18	2.55	.00	-5.80	-15.29
	(200 M )	-.80	3.63	5.45	4.35	.00	-8.03
MPBR ZERO	(130 M )	-.80	1.65	1.48	-1.60	-7.94	-17.96
WIND DRIFT	(10 MPH)	.00	.36	1.49	3.45	6.35	10.33
INCHES	(20 MPH)	.00	.73	2.99	6.90	12.71	20.65

MAXIMUM POINT BLANK RANGE IS 150 METERS. SET ZERO AT 125 METERS.

VELOCITY FPS		2000	1896	1795	1688	1586	1489
ENERGY FT-LB		1332	1197	1073	949	837	739
DROP INCHES		.00	-1.32	-5.54	-12.99	-24.08	-39.31
BULLET PATH	( 50 M )	-.80	.00	-2.09	-7.41	-16.39	-29.49
INCHES	(100 M )	-.80	1.05	.00	-4.28	-12.20	-24.26
(ZERO RANGE)	(150 M )	-.80	2.47	2.85	.00	-6.50	-17.13
	(200 M )	-.80	4.10	6.10	4.87	.00	-9.01
MPBR ZERO	(125 M )	-.80	1.73	1.37	-2.22	-9.47	-20.84
WIND DRIFT	(10 MPH)	.00	.39	1.60	3.75	6.96	11.31
INCHES	(20 MPH)	.00	.78	3.20	7.49	13.92	22.62

MAXIMUM POINT BLANK RANGE IS 145 METERS. SET ZERO AT 120 METERS.

VELOCITY FPS		1900	1799	1691	1589	1492	1402
ENERGY FT-LB		1202	1078	953	841	742	655
DROP INCHES		.00	-1.47	-6.16	-14.48	-26.91	-44.02
BULLET PATH	( 50 M )	-.80	.00	-2.42	-8.47	-18.64	-33.48
INCHES	(100 M )	-.80	1.21	.00	-4.84	-13.80	-27.43
(ZERO RANGE)	(150 M )	-.80	2.82	3.23	.00	-7.34	-19.36
	(200 M )	-.80	4.66	6.90	5.51	.00	-10.18
MPBR ZERO	(120 M )	-.80	1.82	1.23	-3.00	-11.34	-24.36
WIND DRIFT	(10 MPH)	.00	.42	1.77	4.18	7.73	12.49
INCHES	(20 MPH)	.00	.84	3.54	8.37	15.47	24.99

MAXIMUM POINT BLANK RANGE IS 135 METERS. SET ZERO AT 110 METERS.

VELOCITY FPS		1800	1692	1589	1493	1403	1320
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ENERGY FT-LB	1078	953	841	742	655	580
DROP INCHES	.00	-1.65	-6.93	-16.32	-30.38	-49.73
BULLET PATH (50 M)	-80	.00	-2.83	-9.77	-21.39	-38.29
INCHES (100 M)	-80	1.42	.00	-5.53	-15.73	-31.21
(ZERO RANGE) (150 M)	-80	3.26	3.69	.00	-8.36	-22.00
(200 M)	-80	5.35	7.87	6.27	.00	-11.55
MPBR ZERO (110 M)	-80	1.76	.69	-4.49	-14.35	-29.49
WIND DRIFT (10 MPH)	.00	.50	2.07	4.77	8.68	13.86
INCHES (20 MPH)	.00	1.01	4.14	9.54	17.36	27.72

MAXIMUM POINT BLANK RANGE IS 125 METERS. SET ZERO AT 105 METERS.

VELOCITY FPS	1700	1597	1500	1409	1326	1250
ENERGY FT-LB	962	849	749	661	585	520
DROP INCHES	.00	-1.85	-7.77	-18.33	-34.12	-55.81
BULLET PATH (50 M)	-80	.00	-3.28	-11.18	-24.32	-43.37
INCHES (100 M)	-80	1.64	.00	-6.27	-17.77	-35.18
(ZERO RANGE) (150 M)	-80	3.73	4.18	.00	-9.41	-24.73
(200 M)	-80	6.08	8.89	7.06	.00	-12.97
MPBR ZERO (105 M)	-80	1.83	.39	-5.69	-16.99	-34.21
WIND DRIFT (10 MPH)	.00	.54	2.21	5.09	9.23	14.68
INCHES (20 MPH)	.00	1.08	4.43	10.18	18.46	29.35

RANGE METERS	MUZZLE	50	100	150	200	250
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MAXIMUM POINT BLANK RANGE IS 120 METERS. SET ZERO AT 100 METERS.

VELOCITY FPS	1600	1502	1412	1328	1252	1186
ENERGY FT-LB	852	752	663	587	522	468
DROP INCHES	.00	-2.09	-8.79	-20.71	-38.51	-62.96
BULLET PATH (50 M)	-80	.00	-3.82	-12.85	-27.76	-49.32
INCHES (100 M)	-80	1.91	.00	-7.12	-20.13	-39.78
(ZERO RANGE) (150 M)	-80	4.28	4.75	.00	-10.64	-27.91
(200 M)	-80	6.94	10.07	7.98	.00	-14.61
MPBR ZERO (100 M)	-80	1.91	.00	-7.12	-20.13	-39.78
WIND DRIFT (10 MPH)	.00	.58	2.36	5.40	9.75	15.40
INCHES (20 MPH)	.00	1.16	4.72	10.80	19.49	30.80

MAXIMUM POINT BLANK RANGE IS 115 METERS. SET ZERO AT 95 METERS.

VELOCITY FPS	1500	1409	1326	1250	1184	1127
ENERGY FT-LB	749	661	585	520	467	423
DROP INCHES	.00	-2.39	-10.01	-23.54	-43.73	-71.32
BULLET PATH (50 M)	-80	.00	-4.43	-14.78	-31.77	-56.18
INCHES (100 M)	-80	2.22	.00	-8.13	-22.91	-45.10
(ZERO RANGE) (150 M)	-80	4.93	5.42	.00	-12.07	-31.55
(200 M)	-80	7.94	11.45	9.06	.00	-16.46
MPBR ZERO (95 M)	-80	1.97	-.50	-8.88	-23.91	-46.35
WIND DRIFT (10 MPH)	.00	.61	2.49	5.67	10.16	15.92
INCHES (20 MPH)	.00	1.23	4.98	11.35	20.32	31.84

MAXIMUM POINT BLANK RANGE IS 110 METERS. SET ZERO AT 90 METERS.

VELOCITY FPS	1400	1317	1242	1177	1121	1074
ENERGY FT-LB	652	577	514	461	418	384
DROP INCHES	.00	-2.74	-11.47	-26.93	-49.89	-81.09
BULLET PATH (50 M)	-80	.00	-5.19	-17.11	-36.53	-64.20
INCHES (100 M)	-80	2.59	.00	-9.33	-26.15	-51.22
(ZERO RANGE) (150 M)	-80	5.70	6.22	.00	-13.71	-35.67
(200 M)	-80	9.13	13.08	10.28	.00	-18.53
MPBR ZERO (90 M)	-80	2.02	-1.15	-11.05	-28.45	-54.10
WIND DRIFT (10 MPH)	.00	.64	2.59	5.85	10.36	16.05
INCHES (20 MPH)	.00	1.29	5.19	11.70	20.73	32.11

MAXIMUM POINT BLANK RANGE IS 100 METERS. SET ZERO AT 80 METERS.

VELOCITY FPS	1300	1227	1164	1110	1065	1027
ENERGY FT-LB	562	501	451	410	378	351
DROP INCHES	.00	-3.17	-13.25	-30.99	-57.15	-92.45
BULLET PATH (50 M)	-80	.00	-6.10	-19.87	-42.05	-73.38

INCHES	(100 M)	-80	3.05	.00	-10.71	-29.84	-58.12
(ZERO RANGE)	(150 M)	-80	6.62	7.14	.00	-15.56	-40.27
	(200 M)	-80	10.51	14.92	11.67	.00	-20.82
MPBR ZERO	(80 M)	-80	1.74	-2.62	-14.64	-35.09	-64.67
WIND DRIFT	(10 MPH)	.00	.66	2.61	5.81	10.16	15.56
INCHES	(20 MPH)	.00	1.31	5.22	11.62	20.33	31.12

MAXIMUM POINT BLANK RANGE IS 90 METERS. SET ZERO AT 75 METERS.

VELOCITY FPS		1200	1140	1090	1048	1013	982
ENERGY FT-LB		479	433	396	366	341	321
DROP INCHES		.00	-3.72	-15.42	-35.84	-65.70	-105.67
BULLET PATH	(50 M)	-80	.00	-7.18	-23.09	-48.43	-83.88
INCHES	(100 M)	-80	3.59	.00	-12.32	-34.07	-65.93
(ZERO RANGE)	(150 M)	-80	7.70	8.21	.00	-17.65	-45.41
	(200 M)	-80	12.11	17.03	13.24	.00	-23.35
MPBR ZERO	(75 M)	-80	1.70	-3.79	-18.00	-41.64	-75.40
WIND DRIFT	(10 MPH)	.00	.63	2.47	5.42	9.38	14.27
INCHES	(20 MPH)	.00	1.26	4.95	10.85	18.76	28.55

MAXIMUM POINT BLANK RANGE IS 85 METERS. SET ZERO AT 70 METERS.

VELOCITY FPS		1100	1056	1020	988	959	934
ENERGY FT-LB		402	371	346	325	306	290
DROP INCHES		.00	-4.39	-18.07	-41.73	-76.03	-121.57
BULLET PATH	(50 M)	-80	.00	-8.50	-26.97	-56.08	-96.44
INCHES	(100 M)	-80	4.25	.00	-14.22	-39.08	-75.20
(ZERO RANGE)	(150 M)	-80	8.99	9.48	.00	-20.12	-51.49
	(200 M)	-80	14.02	19.54	15.09	.00	-26.34
MPBR ZERO	(70 M)	-80	1.60	-5.29	-22.16	-49.66	-88.42
WIND DRIFT	(10 MPH)	.00	.55	2.12	4.64	8.05	12.31
INCHES	(20 MPH)	.00	1.09	4.24	9.28	16.10	24.62