

### .308 Dia., 180 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 175 METERS. SET ZERO AT 145 METERS.						
VELOCITY FPS	2300	2209	2120	2034	1949	1867
ENERGY FT-LB	2113	1951	1797	1653	1518	1393
DROP INCHES	.00	-.98	-4.09	-9.52	-17.45	-28.12
BULLET PATH (50 M)	-.80	.00	-1.33	-4.97	-11.12	-20.00
INCHES (100 M)	-.80	.66	.00	-2.97	-8.46	-16.68
(ZERO RANGE) (150 M)	-.80	1.66	1.98	.00	-4.49	-11.72
(200 M)	-.80	2.78	4.23	3.37	.00	-6.10
MPBR ZERO (145 M)	-.80	1.55	1.77	-.32	-4.92	-12.25
WIND DRIFT (10 MPH)	.00	.25	1.04	2.39	4.33	6.91
INCHES (20 MPH)	.00	.51	2.08	4.77	8.66	13.82

MAXIMUM POINT BLANK RANGE IS 170 METERS. SET ZERO AT 140 METERS.						
VELOCITY FPS	2200	2111	2024	1940	1858	1778
ENERGY FT-LB	1934	1781	1638	1504	1380	1264
DROP INCHES	.00	-1.08	-4.48	-10.43	-19.13	-30.83
BULLET PATH (50 M)	-.80	.00	-1.53	-5.60	-12.42	-22.25
INCHES (100 M)	-.80	.77	.00	-3.30	-9.36	-18.42
(ZERO RANGE) (150 M)	-.80	1.87	2.20	.00	-4.96	-12.93
(200 M)	-.80	3.10	4.68	3.72	.00	-6.73
MPBR ZERO (140 M)	-.80	1.63	1.73	-.70	-5.89	-14.09
WIND DRIFT (10 MPH)	.00	.27	1.11	2.55	4.63	7.39
INCHES (20 MPH)	.00	.55	2.22	5.11	9.27	14.78

MAXIMUM POINT BLANK RANGE IS 160 METERS. SET ZERO AT 130 METERS.						
VELOCITY FPS	2100	2013	1929	1847	1768	1691
ENERGY FT-LB	1762	1620	1488	1364	1249	1143
DROP INCHES	.00	-1.18	-4.93	-11.46	-21.04	-33.94
BULLET PATH (50 M)	-.80	.00	-1.76	-6.31	-13.91	-24.83
INCHES (100 M)	-.80	.88	.00	-3.67	-10.39	-20.42
(ZERO RANGE) (150 M)	-.80	2.10	2.45	.00	-5.49	-14.30
(200 M)	-.80	3.48	5.19	4.12	.00	-7.44
MPBR ZERO (130 M)	-.80	1.59	1.42	-1.53	-7.54	-16.86
WIND DRIFT (10 MPH)	.00	.29	1.19	2.73	4.95	7.90
INCHES (20 MPH)	.00	.58	2.38	5.46	9.91	15.79

MAXIMUM POINT BLANK RANGE IS 150 METERS. SET ZERO AT 125 METERS.						
VELOCITY FPS	2000	1916	1834	1755	1679	1605
ENERGY FT-LB	1598	1467	1345	1232	1127	1030
DROP INCHES	.00	-1.31	-5.44	-12.66	-23.26	-37.53
BULLET PATH (50 M)	-.80	.00	-2.03	-7.15	-15.63	-27.80
INCHES (100 M)	-.80	1.01	.00	-4.10	-11.57	-22.73
(ZERO RANGE) (150 M)	-.80	2.38	2.73	.00	-6.10	-15.89
(200 M)	-.80	3.91	5.79	4.58	.00	-8.26
MPBR ZERO (125 M)	-.80	1.67	1.32	-2.12	-8.94	-19.43
WIND DRIFT (10 MPH)	.00	.31	1.27	2.92	5.30	8.45
INCHES (20 MPH)	.00	.62	2.55	5.85	10.60	16.90

MAXIMUM POINT BLANK RANGE IS 145 METERS. SET ZERO AT 120 METERS.						
VELOCITY FPS	1900	1819	1740	1664	1590	1516
ENERGY FT-LB	1442	1322	1210	1107	1011	919
DROP INCHES	.00	-1.45	-6.04	-14.06	-25.83	-41.71
BULLET PATH (50 M)	-.80	.00	-2.34	-8.11	-17.63	-31.26
INCHES (100 M)	-.80	1.17	.00	-4.60	-12.95	-25.41
(ZERO RANGE) (150 M)	-.80	2.70	3.07	.00	-6.82	-17.74
(200 M)	-.80	4.41	6.47	5.11	.00	-9.22
MPBR ZERO (120 M)	-.80	1.76	1.18	-2.84	-10.60	-22.47
WIND DRIFT (10 MPH)	.00	.33	1.37	3.13	5.68	9.07
INCHES (20 MPH)	.00	.67	2.73	6.27	11.36	18.14

MAXIMUM POINT BLANK RANGE IS 140 METERS. SET ZERO AT 115 METERS.

VELOCITY FPS	1800	1722	1646	1572	1499	1429
ENERGY FT-LB	1294	1185	1083	988	898	816
DROP INCHES	.00	-1.62	-6.74	-15.69	-28.85	-46.64
BULLET PATH (50 M)	-80	.00	-2.70	-9.24	-19.98	-35.36
INCHES (100 M)	-80	1.35	.00	-5.18	-14.57	-28.60
(ZERO RANGE) (150 M)	-80	3.08	3.46	.00	-7.66	-19.96
(200 M)	-80	4.99	7.29	5.74	.00	-10.39
MPBR ZERO (115 M)	-80	1.85	.99	-3.70	-12.59	-26.13
WIND DRIFT (10 MPH)	.00	.36	1.47	3.36	6.12	9.81
INCHES (20 MPH)	.00	.72	2.93	6.72	12.25	19.62

RANGE METERS	MUZZLE	50	100	150	200	250
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MAXIMUM POINT BLANK RANGE IS 130 METERS. SET ZERO AT 105 METERS.

VELOCITY FPS	1700	1625	1551	1478	1410	1345
ENERGY FT-LB	1154	1055	961	873	794	723
DROP INCHES	.00	-1.81	-7.56	-17.64	-32.47	-52.54
BULLET PATH (50 M)	-80	.00	-3.13	-10.59	-22.82	-40.27
INCHES (100 M)	-80	1.57	.00	-5.89	-16.55	-32.43
(ZERO RANGE) (150 M)	-80	3.53	3.93	.00	-8.69	-22.61
(200 M)	-80	5.70	8.27	6.52	.00	-11.74
MPBR ZERO (105 M)	-80	1.75	.37	-5.34	-15.81	-31.51
WIND DRIFT (10 MPH)	.00	.39	1.58	3.66	6.67	10.65
INCHES (20 MPH)	.00	.77	3.16	7.32	13.34	21.30

MAXIMUM POINT BLANK RANGE IS 120 METERS. SET ZERO AT 100 METERS.

VELOCITY FPS	1600	1525	1454	1386	1324	1265
ENERGY FT-LB	1023	929	844	768	700	640
DROP INCHES	.00	-2.06	-8.59	-20.05	-36.91	-59.69
BULLET PATH (50 M)	-80	.00	-3.68	-12.28	-26.28	-46.21
INCHES (100 M)	-80	1.84	.00	-6.76	-18.92	-37.01
(ZERO RANGE) (150 M)	-80	4.09	4.51	.00	-9.91	-25.74
(200 M)	-80	6.57	9.46	7.43	.00	-13.36
MPBR ZERO (100 M)	-80	1.84	.00	-6.76	-18.92	-37.01
WIND DRIFT (10 MPH)	.00	.44	1.78	4.07	7.34	11.60
INCHES (20 MPH)	.00	.88	3.57	8.14	14.67	23.20

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

VELOCITY FPS	1500	1430	1364	1303	1246	1195
ENERGY FT-LB	899	817	744	678	621	571
DROP INCHES	.00	-2.36	-9.80	-22.82	-41.96	-67.79
BULLET PATH (50 M)	-80	.00	-4.28	-14.14	-30.12	-52.79
INCHES (100 M)	-80	2.14	.00	-7.72	-21.56	-42.09
(ZERO RANGE) (150 M)	-80	4.71	5.15	.00	-11.26	-29.22
(200 M)	-80	7.53	10.78	8.45	.00	-15.14
MPBR ZERO (95 M)	-80	1.90	-.48	-8.44	-22.52	-43.29
WIND DRIFT (10 MPH)	.00	.47	1.89	4.30	7.70	12.11
INCHES (20 MPH)	.00	.93	3.78	8.59	15.41	24.22

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

VELOCITY FPS	1400	1336	1277	1223	1174	1131
ENERGY FT-LB	783	713	651	597	551	511
DROP INCHES	.00	-2.71	-11.23	-26.14	-47.99	-77.38
BULLET PATH (50 M)	-80	.00	-5.02	-16.41	-34.76	-60.64
INCHES (100 M)	-80	2.51	.00	-8.89	-24.72	-48.09
(ZERO RANGE) (150 M)	-80	5.47	5.92	.00	-12.88	-33.28
(200 M)	-80	8.69	12.36	9.66	.00	-17.19
MPBR ZERO (90 M)	-80	1.96	-1.10	-10.54	-26.93	-50.85
WIND DRIFT (10 MPH)	.00	.49	1.97	4.46	7.94	12.37
INCHES (20 MPH)	.00	.98	3.95	8.92	15.87	24.75

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

VELOCITY FPS	1300	1243	1193	1147	1107	1073
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ENERGY FT-LB		675	618	568	526	490	460
DROP INCHES		.00	-3.14	-13.00	-30.16	-55.20	-88.71
BULLET PATH	( 50 M )	-80	.00	-5.93	-19.15	-40.26	-69.83
INCHES	(100 M )	-80	2.96	.00	-10.26	-28.41	-55.01
(ZERO RANGE)	(150 M )	-80	6.38	6.84	.00	-14.73	-37.91
	(200 M )	-80	10.07	14.20	11.04	.00	-19.50
MPBR ZERO	( 80 M )	-80	1.70	-2.54	-14.06	-33.48	-61.35
WIND DRIFT	(10 MPH)	.00	.50	2.00	4.47	7.88	12.16
INCHES	(20 MPH)	.00	1.00	4.00	8.95	15.76	24.33

MAXIMUM POINT BLANK RANGE IS 95 METERS. SET ZERO AT 75 METERS.

VELOCITY FPS		1200	1153	1113	1077	1046	1019
ENERGY FT-LB		575	532	495	464	438	415
DROP INCHES		.00	-3.68	-15.16	-35.03	-63.82	-102.10
BULLET PATH	( 50 M )	-80	.00	-7.00	-22.38	-46.69	-80.48
INCHES	(100 M )	-80	3.50	.00	-11.88	-32.69	-62.98
(ZERO RANGE)	(150 M )	-80	7.46	7.92	.00	-16.86	-43.19
	(200 M )	-80	11.67	16.35	12.64	.00	-22.12
MPBR ZERO	( 75 M )	-80	1.66	-3.68	-17.40	-40.06	-72.19
WIND DRIFT	(10 MPH)	.00	.48	1.91	4.22	7.35	11.25
INCHES	(20 MPH)	.00	.97	3.82	8.44	14.70	22.49