

# .308 Dia., 240 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 5.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
MAXIMUM POINT BLANK RANGE IS 405 YARDS. SET ZERO AT 340 YARDS.										
VELOCITY FPS		3200	3128	3058	2922	2790	2661	2536	2415	1960
ENERGY FT-LB		5456	5216	4985	4550	4147	3774	3428	3108	2047
DROP INCHES		.00	-.42	-1.73	-7.17	-16.68	-30.65	-49.54	-73.82	-237.22
BULLET PATH	(200 YDS)	-1.50	.25	1.11	.00	-5.18	-14.82	-29.37	-49.32	-195.39
INCHES	(300 YDS)	-1.50	1.11	2.83	3.45	.00	-7.92	-20.74	-38.96	-178.13
(ZERO RANGE)	(600 YDS)	-1.50	4.36	9.33	16.44	19.48	18.06	11.73	.00	-113.19
	(1000 YDS)	-1.50	10.02	20.65	39.08	53.44	63.34	68.33	67.91	.00
MPBR ZERO	(340 YDS)	-1.50	1.49	3.60	4.98	2.30	-4.85	-16.91	-34.36	-170.46
WIND DRIFT	(10 MPH)	.00	.09	.38	1.54	3.53	6.40	10.23	15.06	46.12
INCHES	(20 MPH)	.00	.19	.75	3.07	7.06	12.81	20.45	30.11	92.23

MAXIMUM POINT BLANK RANGE IS 390 YARDS. SET ZERO AT 330 YARDS.										
VELOCITY FPS		3100	3030	2962	2828	2699	2573	2450	2331	1885
ENERGY FT-LB		5120	4893	4675	4263	3881	3527	3200	2896	1893
DROP INCHES		.00	-.45	-1.84	-7.64	-17.79	-32.70	-52.87	-78.82	-253.91
BULLET PATH	(200 YDS)	-1.50	.34	1.23	.00	-5.57	-15.92	-31.52	-52.90	-209.70
INCHES	(300 YDS)	-1.50	1.27	3.09	3.72	.00	-8.49	-22.23	-41.75	-191.12
(ZERO RANGE)	(600 YDS)	-1.50	4.75	10.05	17.63	20.88	19.35	12.57	.00	-121.53
	(1000 YDS)	-1.50	10.82	22.20	41.94	57.34	67.96	73.33	72.92	.00
MPBR ZERO	(330 YDS)	-1.50	1.57	3.70	4.94	1.84	-6.03	-19.16	-38.07	-184.98
WIND DRIFT	(10 MPH)	.00	.10	.39	1.60	3.68	6.68	10.68	15.73	48.35
INCHES	(20 MPH)	.00	.19	.78	3.20	7.36	13.37	21.35	31.47	96.69

MAXIMUM POINT BLANK RANGE IS 380 YARDS. SET ZERO AT 320 YARDS.										
VELOCITY FPS		3000	2932	2865	2734	2607	2484	2364	2247	1810
ENERGY FT-LB		4795	4580	4374	3984	3623	3288	2978	2691	1746
DROP INCHES		.00	-.48	-1.97	-8.16	-19.01	-34.97	-56.56	-84.37	-272.48
BULLET PATH	(200 YDS)	-1.50	.44	1.37	.00	-6.01	-17.14	-33.90	-56.88	-225.66
INCHES	(300 YDS)	-1.50	1.44	3.37	4.01	.00	-9.12	-23.87	-44.85	-205.61
(ZERO RANGE)	(600 YDS)	-1.50	5.18	10.85	18.96	22.42	20.78	13.50	.00	-130.87
	(1000 YDS)	-1.50	11.72	23.93	45.13	61.68	73.12	78.93	78.52	.00
MPBR ZERO	(320 YDS)	-1.50	1.66	3.81	4.88	1.31	-7.37	-21.69	-42.22	-201.24
WIND DRIFT	(10 MPH)	.00	.10	.41	1.67	3.85	6.99	11.18	16.48	50.81
INCHES	(20 MPH)	.00	.20	.82	3.35	7.69	13.98	22.35	32.96	101.62

MAXIMUM POINT BLANK RANGE IS 370 YARDS. SET ZERO AT 310 YARDS.										
VELOCITY FPS		2900	2833	2768	2640	2516	2395	2277	2163	1734
ENERGY FT-LB		4480	4278	4083	3714	3373	3057	2764	2493	1602
DROP INCHES		.00	-.51	-2.10	-8.74	-20.37	-37.48	-60.66	-90.53	-293.24
BULLET PATH	(200 YDS)	-1.50	.55	1.52	.00	-6.50	-18.50	-36.55	-61.30	-243.52
INCHES	(300 YDS)	-1.50	1.63	3.69	4.34	.00	-9.83	-25.71	-48.29	-221.84
(ZERO RANGE)	(600 YDS)	-1.50	5.66	11.73	20.43	24.15	22.37	14.54	.00	-141.35
	(1000 YDS)	-1.50	12.73	25.87	48.70	66.55	78.91	85.21	84.81	.00
MPBR ZERO	(310 YDS)	-1.50	1.75	3.92	4.80	.70	-8.89	-24.54	-46.89	-219.50
WIND DRIFT	(10 MPH)	.00	.11	.43	1.75	4.03	7.33	11.73	17.31	53.54
INCHES	(20 MPH)	.00	.21	.86	3.50	8.06	14.66	23.45	34.61	107.09

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 295 YARDS.										
VELOCITY FPS		2800	2735	2671	2546	2424	2306	2190	2078	1658
ENERGY FT-LB		4177	3986	3801	3454	3131	2833	2557	2301	1466
DROP INCHES		.00	-.55	-2.26	-9.39	-21.88	-40.28	-65.22	-97.41	-316.52
BULLET PATH	(200 YDS)	-1.50	.67	1.69	.00	-7.05	-20.01	-39.51	-66.25	-263.59
INCHES	(300 YDS)	-1.50	1.85	4.03	4.70	.00	-10.61	-27.76	-52.15	-240.10
(ZERO RANGE)	(600 YDS)	-1.50	6.19	12.73	22.08	26.08	24.16	15.70	.00	-153.18
	(1000 YDS)	-1.50	13.85	28.04	52.72	72.03	85.43	92.29	91.91	.00
MPBR ZERO	(295 YDS)	-1.50	1.78	3.91	4.45	-.38	-11.11	-28.39	-52.91	-241.36
WIND DRIFT	(10 MPH)	.00	.11	.45	1.84	4.23	7.71	12.34	18.23	56.58
INCHES	(20 MPH)	.00	.22	.90	3.68	8.46	15.41	24.68	36.45	113.16

MAXIMUM POINT BLANK RANGE IS 340 YARDS. SET ZERO AT 285 YARDS.										
VELOCITY FPS		2700	2636	2574	2451	2332	2216	2103	1992	1584
ENERGY FT-LB		3884	3703	3530	3202	2898	2618	2357	2116	1337
DROP INCHES		.00	-.59	-2.43	-10.10	-23.56	-43.41	-70.33	105.12	-342.77

BULLET PATH	(200 YDS)	-1.50	.81	1.87	.00	-7.66	-21.70	-42.82	-71.80	-286.24
INCHES	(300 YDS)	-1.50	2.09	4.42	5.10	.00	-11.49	-30.06	-56.49	-260.72
(ZERO RANGE)	(600 YDS)	-1.50	6.79	13.84	23.93	28.24	26.17	17.01	.00	-166.57
	(1000 YDS)	-1.50	15.12	30.50	57.25	78.22	92.80	100.30	99.94	.00
MPBR ZERO	(285 YDS)	-1.50	1.88	4.02	4.29	-1.22	-13.12	-32.09	-58.93	-264.78
WIND DRIFT	(10 MPH)	.00	.12	.47	1.94	4.46	8.13	13.02	19.26	59.95
INCHES	(20 MPH)	.00	.23	.95	3.87	8.92	16.25	26.04	38.51	119.91

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 275 YARDS.

VELOCITY FPS		2600	2538	2476	2356	2240	2126	2015	1907	1511
ENERGY FT-LB		3601	3432	3268	2960	2674	2410	2164	1939	1217
DROP INCHES		.00	-.64	-2.62	-10.91	-25.45	-46.92	-76.08	113.79	-372.45
BULLET PATH	(200 YDS)	-1.50	.97	2.08	.00	-8.34	-23.61	-46.56	-78.07	-311.91
INCHES	(300 YDS)	-1.50	2.36	4.86	5.56	.00	-12.49	-32.66	-61.39	-284.11
(ZERO RANGE)	(600 YDS)	-1.50	7.47	15.09	26.02	30.69	28.44	18.50	.00	-181.79
	(1000 YDS)	-1.50	16.56	33.27	62.38	85.23	101.16	109.40	109.08	.00
MPBR ZERO	(275 YDS)	-1.50	1.99	4.13	4.10	-2.19	-15.41	-36.32	-65.78	-291.42
WIND DRIFT	(10 MPH)	.00	.12	.50	2.04	4.71	8.59	13.79	20.41	63.68
INCHES	(20 MPH)	.00	.25	1.00	4.09	9.43	17.19	27.58	40.82	127.37

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 265 YARDS.

VELOCITY FPS		2500	2439	2379	2262	2148	2036	1927	1823	1440
ENERGY FT-LB		3330	3170	3016	2727	2459	2209	1980	1771	1106
DROP INCHES		.00	-.69	-2.84	-11.81	-27.58	-50.88	-82.57	123.61	-406.17
BULLET PATH	(200 YDS)	-1.50	1.14	2.32	.00	-9.11	-25.76	-50.79	-85.17	-341.11
INCHES	(300 YDS)	-1.50	2.66	5.36	6.07	.00	-13.61	-35.60	-66.95	-310.73
(ZERO RANGE)	(600 YDS)	-1.50	8.24	16.51	28.39	33.47	31.02	20.19	.00	-199.15
	(1000 YDS)	-1.50	18.19	36.43	68.22	93.22	110.68	119.77	119.49	.00
MPBR ZERO	(265 YDS)	-1.50	2.10	4.25	3.85	-3.33	-18.05	-41.15	-73.61	-321.84
WIND DRIFT	(10 MPH)	.00	.13	.53	2.17	5.00	9.12	14.65	21.70	67.78
INCHES	(20 MPH)	.00	.26	1.06	4.33	9.99	18.24	29.30	43.39	135.55

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		2400	2340	2282	2167	2055	1946	1840	1738	1372
ENERGY FT-LB		3069	2919	2775	2503	2251	2018	1805	1609	1004
DROP INCHES		.00	-.75	-3.08	-12.83	-29.99	-55.37	-89.93	134.75	-444.54
BULLET PATH	(200 YDS)	-1.50	1.34	2.59	.00	-9.99	-28.20	-55.59	-93.25	-374.37
INCHES	(300 YDS)	-1.50	3.00	5.92	6.66	.00	-14.89	-38.95	-73.28	-341.09
(ZERO RANGE)	(600 YDS)	-1.50	9.11	18.13	31.08	36.64	33.96	22.11	.00	-218.96
	(1000 YDS)	-1.50	20.05	40.02	74.87	102.33	121.55	131.59	131.38	.00
MPBR ZERO	(255 YDS)	-1.50	2.22	4.36	3.55	-4.66	-21.10	-46.72	-82.60	-356.62
WIND DRIFT	(10 MPH)	.00	.14	.56	2.30	5.31	9.71	15.61	23.12	72.23
INCHES	(20 MPH)	.00	.28	1.12	4.60	10.62	19.42	31.21	46.25	144.46

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		2300	2242	2185	2072	1962	1856	1753	1653	1307
ENERGY FT-LB		2818	2678	2543	2288	2052	1836	1638	1456	911
DROP INCHES		.00	-.81	-3.36	-13.99	-32.73	-60.48	-98.33	147.48	-488.39
BULLET PATH	(200 YDS)	-1.50	1.56	2.89	.00	-10.99	-31.00	-61.10	102.50	-412.43
INCHES	(300 YDS)	-1.50	3.39	6.55	7.32	.00	-16.35	-42.78	-80.53	-375.81
(ZERO RANGE)	(600 YDS)	-1.50	10.10	19.97	34.17	40.26	37.34	24.32	.00	-241.59
	(1000 YDS)	-1.50	22.18	44.13	82.49	112.74	133.97	145.12	144.95	.00
MPBR ZERO	(245 YDS)	-1.50	2.35	4.48	3.17	-6.22	-24.65	-53.16	-92.98	-396.55
WIND DRIFT	(10 MPH)	.00	.15	.60	2.45	5.68	10.38	16.68	24.74	77.04
INCHES	(20 MPH)	.00	.29	1.19	4.90	11.35	20.76	33.37	49.48	154.08

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		2200	2143	2087	1976	1870	1767	1666	1570	1247
ENERGY FT-LB		2578	2447	2320	2082	1864	1663	1479	1314	828
DROP INCHES		.00	-.89	-3.67	-15.32	-35.87	-66.36	107.98	162.12	-538.58
BULLET PATH	(200 YDS)	-1.50	1.82	3.24	.00	-12.14	-34.21	-67.42	113.15	-455.97
INCHES	(300 YDS)	-1.50	3.84	7.29	8.09	.00	-18.03	-47.19	-88.88	-415.51
(ZERO RANGE)	(600 YDS)	-1.50	11.25	22.10	37.72	44.44	41.23	26.87	.00	-267.38
	(1000 YDS)	-1.50	24.61	48.84	91.19	124.65	148.18	160.56	160.43	.00
MPBR ZERO	(235 YDS)	-1.50	2.49	4.60	2.71	-8.07	-28.79	-60.64	105.02	-442.41
WIND DRIFT	(10 MPH)	.00	.16	.64	2.63	6.09	11.13	17.91	26.55	82.15
INCHES	(20 MPH)	.00	.31	1.28	5.27	12.19	22.27	35.81	53.11	164.29

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		2100	2044	1989	1882	1778	1677	1581	1490	1191
ENERGY FT-LB		2349	2226	2108	1888	1686	1499	1332	1183	756
DROP INCHES		.00	-.98	-4.03	-16.85	-39.48	-73.09	119.06	178.94	-595.77
BULLET PATH	(200 YDS)	-1.50	2.11	3.64	.00	-13.45	-37.89	-74.69	125.39	-505.53
INCHES	(300 YDS)	-1.50	4.35	8.13	8.97	.00	-19.96	-52.27	-98.49	-460.69
(ZERO RANGE)	(600 YDS)	-1.50	12.56	24.54	41.80	49.24	45.70	29.81	.00	-296.54
	(1000 YDS)	-1.50	27.39	54.19	101.11	138.21	164.32	178.08	177.93	.00
MPBR ZERO	(225 YDS)	-1.50	2.64	4.71	2.13	-10.25	-33.63	-69.35	118.99	-494.86
WIND DRIFT	(10 MPH)	.00	.17	.69	2.83	6.54	11.96	19.24	28.51	87.35
INCHES	(20 MPH)	.00	.34	1.38	5.66	13.08	23.92	38.49	57.01	174.71