

.308 Dia., 155 Gr. HPBT Palma 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 345 YARDS.										
VELOCITY FPS		3400	3282	3168	2949	2740	2541	2347	2162	1499
ENERGY FT-LB		3977	3708	3455	2993	2585	2221	1896	1609	773
DROP INCHES		.00	-.37	-1.56	-6.58	-15.59	-29.24	-48.28	-73.64	-265.23
BULLET PATH	(200 YDS)	-1.50	.14	.98	.00	-4.98	-14.59	-29.59	-50.92	-226.35
INCHES	(300 YDS)	-1.50	.97	2.64	3.32	.00	-7.95	-21.29	-40.95	-209.75
(ZERO RANGE)	(600 YDS)	-1.50	4.39	9.47	16.97	20.48	19.35	12.83	.00	-141.49
	(1000 YDS)	-1.50	11.46	23.62	45.27	62.92	75.95	83.58	84.90	.00
MPBR ZERO	(345 YDS)	-1.50	1.40	3.50	5.04	2.58	-4.52	-17.00	-35.80	-201.16
WIND DRIFT	(10 MPH)	.00	.14	.56	2.30	5.34	9.82	15.91	23.82	78.98
INCHES	(20 MPH)	.00	.28	1.12	4.60	10.69	19.64	31.82	47.63	157.97

MAXIMUM POINT BLANK RANGE IS 395 YARDS. SET ZERO AT 335 YARDS.										
VELOCITY FPS		3300	3185	3074	2859	2655	2457	2267	2086	1438
ENERGY FT-LB		3747	3491	3251	2813	2425	2078	1769	1497	712
DROP INCHES		.00	-.40	-1.65	-6.98	-16.57	-31.10	-51.38	-78.44	-283.95
BULLET PATH	(200 YDS)	-1.50	.22	1.09	.00	-5.34	-15.63	-31.67	-54.49	-243.03
INCHES	(300 YDS)	-1.50	1.11	2.87	3.56	.00	-8.50	-22.76	-43.80	-225.21
(ZERO RANGE)	(600 YDS)	-1.50	4.76	10.17	18.16	21.90	20.70	13.73	.00	-152.22
	(1000 YDS)	-1.50	12.37	25.39	48.61	67.56	81.59	89.84	91.33	.00
MPBR ZERO	(335 YDS)	-1.50	1.47	3.58	4.98	2.13	-5.66	-19.22	-39.54	-218.12
WIND DRIFT	(10 MPH)	.00	.14	.58	2.39	5.55	10.22	16.59	24.86	82.87
INCHES	(20 MPH)	.00	.29	1.16	4.78	11.11	20.44	33.17	49.73	165.75

MAXIMUM POINT BLANK RANGE IS 385 YARDS. SET ZERO AT 325 YARDS.										
VELOCITY FPS		3200	3088	2979	2769	2568	2373	2187	2009	1379
ENERGY FT-LB		3523	3281	3054	2638	2270	1938	1646	1389	654
DROP INCHES		.00	-.42	-1.76	-7.43	-17.65	-33.14	-54.81	-83.75	-304.85
BULLET PATH	(200 YDS)	-1.50	.31	1.21	.00	-5.75	-16.77	-33.97	-58.45	-261.68
INCHES	(300 YDS)	-1.50	1.27	3.13	3.83	.00	-9.11	-24.39	-46.96	-242.53
(ZERO RANGE)	(600 YDS)	-1.50	5.18	10.95	19.48	23.48	22.20	14.74	.00	-164.26
	(1000 YDS)	-1.50	13.39	27.38	52.34	72.76	87.90	96.87	98.56	.00
MPBR ZERO	(325 YDS)	-1.50	1.54	3.66	4.91	1.62	-6.95	-21.70	-43.73	-237.14
WIND DRIFT	(10 MPH)	.00	.15	.60	2.49	5.78	10.67	17.34	26.02	87.13
INCHES	(20 MPH)	.00	.30	1.20	4.97	11.57	21.34	34.68	52.05	174.27

MAXIMUM POINT BLANK RANGE IS 375 YARDS. SET ZERO AT 315 YARDS.										
VELOCITY FPS		3100	2990	2884	2678	2480	2289	2107	1933	1322
ENERGY FT-LB		3306	3077	2862	2469	2117	1803	1527	1286	602
DROP INCHES		.00	-.45	-1.87	-7.93	-18.83	-35.40	-58.60	-89.65	-328.24
BULLET PATH	(200 YDS)	-1.50	.41	1.34	.00	-6.19	-18.04	-36.53	-62.86	-282.60
INCHES	(300 YDS)	-1.50	1.44	3.40	4.13	.00	-9.78	-26.21	-50.48	-261.96
(ZERO RANGE)	(600 YDS)	-1.50	5.64	11.82	20.95	25.24	23.87	15.86	.00	-177.82
	(1000 YDS)	-1.50	14.54	29.60	56.52	78.59	95.00	104.77	106.69	.00
MPBR ZERO	(315 YDS)	-1.50	1.61	3.75	4.82	1.03	-8.41	-24.49	-48.42	-258.52
WIND DRIFT	(10 MPH)	.00	.15	.63	2.59	6.04	11.17	18.18	27.31	91.79
INCHES	(20 MPH)	.00	.31	1.25	5.18	12.08	22.33	36.35	54.61	183.58

MAXIMUM POINT BLANK RANGE IS 360 YARDS. SET ZERO AT 305 YARDS.										
VELOCITY FPS		3000	2893	2789	2587	2392	2205	2026	1856	1268
ENERGY FT-LB		3096	2880	2676	2304	1969	1673	1413	1186	553
DROP INCHES		.00	-.48	-2.00	-8.48	-20.15	-37.90	-62.82	-96.22	-354.49
BULLET PATH	(200 YDS)	-1.50	.51	1.49	.00	-6.68	-19.45	-39.38	-67.80	-306.11
INCHES	(300 YDS)	-1.50	1.63	3.71	4.46	.00	-10.54	-28.24	-54.43	-283.83
(ZERO RANGE)	(600 YDS)	-1.50	6.16	12.79	22.60	27.21	25.75	17.11	.00	-193.11
	(1000 YDS)	-1.50	15.82	32.10	61.22	85.15	102.99	113.67	115.87	.00
MPBR ZERO	(305 YDS)	-1.50	1.69	3.84	4.70	.37	-10.05	-27.63	-53.69	-282.60
WIND DRIFT	(10 MPH)	.00	.16	.65	2.71	6.33	11.72	19.10	28.72	96.85
INCHES	(20 MPH)	.00	.32	1.31	5.42	12.66	23.45	38.20	57.45	193.70

MAXIMUM POINT BLANK RANGE IS 350 YARDS. SET ZERO AT 295 YARDS.										
VELOCITY FPS		2900	2795	2693	2495	2303	2120	1945	1779	1217
ENERGY FT-LB		2893	2689	2496	2142	1825	1547	1303	1089	510
DROP INCHES		.00	-.52	-2.14	-9.08	-21.61	-40.70	-67.54	-103.58	-383.97

BULLET PATH	(200 YDS)	-1.50	.63	1.65	.00	-7.24	-21.04	-42.59	-73.33	-332.57
INCHES	(300 YDS)	-1.50	1.84	4.06	4.83	.00	-11.39	-30.52	-58.86	-308.44
(ZERO RANGE)	(600 YDS)	-1.50	6.74	13.87	24.44	29.43	27.85	18.52	.00	-210.35
	(1000 YDS)	-1.50	17.26	34.90	66.51	92.53	111.99	123.70	126.21	.00
MPBR ZERO	(295 YDS)	-1.50	1.77	3.93	4.56	-.39	-11.91	-31.18	-59.65	-309.76
WIND DRIFT	(10 MPH)	.00	.17	.69	2.84	6.66	12.35	20.13	30.30	102.29
INCHES	(20 MPH)	.00	.34	1.37	5.69	13.32	24.69	40.27	60.59	204.58

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
MAXIMUM POINT BLANK RANGE IS 340 YARDS. SET ZERO AT 285 YARDS.										
VELOCITY FPS		2800	2697	2598	2402	2214	2035	1865	1699	1170
ENERGY FT-LB		2697	2504	2323	1985	1688	1426	1197	994	471
DROP INCHES		.00	-.55	-2.30	-9.76	-23.24	-43.83	-72.83	111.83	-417.17
BULLET PATH	(200 YDS)	-1.50	.76	1.83	.00	-7.86	-22.82	-46.18	-79.56	-362.39
INCHES	(300 YDS)	-1.50	2.07	4.45	5.24	.00	-12.34	-33.08	-63.84	-336.19
(ZERO RANGE)	(600 YDS)	-1.50	7.39	15.09	26.52	31.92	30.22	20.12	.00	-229.78
	(1000 YDS)	-1.50	18.88	38.07	72.48	100.86	122.14	135.01	137.87	.00
MPBR ZERO	(285 YDS)	-1.50	1.86	4.02	4.39	-1.27	-14.04	-35.21	-66.39	-340.44
WIND DRIFT	(10 MPH)	.00	.18	.72	3.00	7.03	13.04	21.28	32.06	108.10
INCHES	(20 MPH)	.00	.35	1.44	5.99	14.06	26.08	42.56	64.12	216.20

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		2700	2600	2501	2309	2126	1951	1784	1620	1127
ENERGY FT-LB		2508	2326	2152	1835	1555	1310	1096	903	437
DROP INCHES		.00	-.60	-2.48	-10.51	-25.08	-47.35	-78.78	121.16	-454.58
BULLET PATH	(200 YDS)	-1.50	.91	2.03	.00	-8.56	-24.83	-50.24	-86.61	-396.00
INCHES	(300 YDS)	-1.50	2.33	4.88	5.71	.00	-13.41	-35.97	-69.49	-367.47
(ZERO RANGE)	(600 YDS)	-1.50	8.13	16.47	28.87	34.75	32.92	21.94	.00	-251.65
	(1000 YDS)	-1.50	20.71	41.63	79.20	110.24	133.58	147.76	150.99	.00
MPBR ZERO	(275 YDS)	-1.50	1.95	4.12	4.18	-2.29	-16.47	-39.79	-74.07	-375.10
WIND DRIFT	(10 MPH)	.00	.19	.76	3.17	7.45	13.82	22.55	34.05	114.25
INCHES	(20 MPH)	.00	.37	1.52	6.35	14.89	27.63	45.10	68.10	228.49

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		2600	2500	2403	2216	2037	1867	1700	1543	1089
ENERGY FT-LB		2326	2152	1988	1690	1428	1199	995	819	408
DROP INCHES		.00	-.64	-2.67	-11.37	-27.16	-51.34	-85.52	131.74	-496.70
BULLET PATH	(200 YDS)	-1.50	1.08	2.26	.00	-9.35	-27.09	-54.84	-94.63	-433.85
INCHES	(300 YDS)	-1.50	2.63	5.38	6.23	.00	-14.63	-39.25	-75.93	-402.67
(ZERO RANGE)	(600 YDS)	-1.50	8.96	18.03	31.54	37.96	35.99	24.02	.00	-276.13
	(1000 YDS)	-1.50	22.77	45.65	86.77	120.80	146.44	162.08	165.68	.00
MPBR ZERO	(265 YDS)	-1.50	2.06	4.22	3.92	-3.47	-19.25	-45.04	-82.87	-414.24
WIND DRIFT	(10 MPH)	.00	.20	.81	3.38	7.92	14.69	24.00	36.29	120.64
INCHES	(20 MPH)	.00	.40	1.62	6.76	15.84	29.38	47.99	72.58	241.28

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 255 YARDS.										
VELOCITY FPS		2500	2403	2308	2124	1950	1783	1619	1469	1056
ENERGY FT-LB		2150	1987	1833	1553	1308	1095	902	742	384
DROP INCHES		.00	-.70	-2.90	-12.33	-29.47	-55.77	-93.05	143.61	-543.21
BULLET PATH	(200 YDS)	-1.50	1.26	2.52	.00	-10.23	-29.62	-59.98	103.63	-475.58
INCHES	(300 YDS)	-1.50	2.97	5.93	6.82	.00	-15.98	-42.93	-83.17	-441.48
(ZERO RANGE)	(600 YDS)	-1.50	9.90	19.79	34.54	41.58	39.46	26.38	.00	-302.86
	(1000 YDS)	-1.50	25.04	50.08	95.12	132.44	160.61	177.81	181.72	.00
MPBR ZERO	(255 YDS)	-1.50	2.16	4.32	3.60	-4.83	-22.43	-50.99	-92.84	-457.59
WIND DRIFT	(10 MPH)	.00	.21	.86	3.58	8.40	15.59	25.54	38.67	126.92
INCHES	(20 MPH)	.00	.42	1.72	7.17	16.80	31.18	51.08	77.33	253.83

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.										
VELOCITY FPS		2400	2305	2212	2033	1863	1697	1540	1397	1026
ENERGY FT-LB		1982	1828	1684	1423	1195	991	816	672	362
DROP INCHES		.00	-.76	-3.15	-13.40	-32.09	-60.80	101.62	157.14	-595.21
BULLET PATH	(200 YDS)	-1.50	1.47	2.81	.00	-11.23	-32.50	-65.86	113.93	-522.19
INCHES	(300 YDS)	-1.50	3.34	6.55	7.49	.00	-17.52	-47.14	-91.47	-484.76
(ZERO RANGE)	(600 YDS)	-1.50	10.96	21.80	37.98	45.74	43.46	29.08	.00	-332.31
	(1000 YDS)	-1.50	27.58	55.03	104.44	145.43	176.38	195.24	199.38	.00
MPBR ZERO	(245 YDS)	-1.50	2.27	4.41	3.20	-6.43	-26.09	-57.85	104.32	-506.18
WIND DRIFT	(10 MPH)	.00	.22	.91	3.81	8.93	16.60	27.27	41.28	133.18
INCHES	(20 MPH)	.00	.45	1.83	7.61	17.86	33.20	54.54	82.56	266.36

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

VELOCITY FPS		2300	2207	2117	1942	1776	1612	1462	1329	999
ENERGY FT-LB		1820	1676	1542	1298	1085	894	736	608	344
DROP INCHES		.00	-.82	-3.43	-14.63	-35.06	-66.55	111.45	172.65	-653.19
BULLET PATH	(200 YDS)	-1.50	1.71	3.14	.00	-12.37	-35.79	-72.62	125.75	-574.03
INCHES	(300 YDS)	-1.50	3.77	7.26	8.24	.00	-19.30	-52.01	101.02	-532.81
(ZERO RANGE)	(600 YDS)	-1.50	12.19	24.09	41.92	50.51	48.04	32.17	.00	-364.44
	(1000 YDS)	-1.50	30.41	60.54	114.81	159.84	193.82	214.39	218.67	.00
MPBR ZERO	(235 YDS)	-1.50	2.39	4.49	2.72	-8.29	-30.36	-65.83	117.60	-560.44
WIND DRIFT	(10 MPH)	.00	.24	.97	4.05	9.51	17.76	29.20	44.13	139.30
INCHES	(20 MPH)	.00	.48	1.94	8.11	19.03	35.52	58.40	88.27	278.59