

.308 Dia., 155 Gr. HPBT MatchKing Palma

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	2688	2579	2471	2366	2263
ENERGY FT-LB	2697	2487	2289	2102	1927	1763
DROP INCHES	.00	-.66	-2.77	-6.43	-11.79	-19.01
BULLET PATH (50 M)	-.80	.00	-.64	-2.84	-6.74	-12.49
INCHES (100 M)	-.80	.32	.00	-1.88	-5.46	-10.90
(ZERO RANGE) (150 M)	-.80	.95	1.25	.00	-2.95	-7.76
(200 M)	-.80	1.68	2.73	2.22	.00	-4.07
MPBR ZERO (175 M)	-.80	1.30	1.97	1.08	-1.52	-5.97
WIND DRIFT (10 MPH)	.00	.21	.86	1.99	3.61	5.77
INCHES (20 MPH)	.00	.42	1.73	3.97	7.22	11.55

MAXIMUM POINT BLANK RANGE IS 205 METERS. SET ZERO AT 170 METERS.						
VELOCITY FPS	2700	2590	2482	2377	2274	2173
ENERGY FT-LB	2508	2310	2121	1944	1780	1626
DROP INCHES	.00	-.71	-2.98	-6.93	-12.72	-20.51
BULLET PATH (50 M)	-.80	.00	-.75	-3.18	-7.46	-13.74
INCHES (100 M)	-.80	.37	.00	-2.06	-5.96	-11.87
(ZERO RANGE) (150 M)	-.80	1.06	1.37	.00	-3.21	-8.43
(200 M)	-.80	1.86	2.98	2.41	.00	-4.42
MPBR ZERO (170 M)	-.80	1.37	1.99	.93	-1.97	-6.88
WIND DRIFT (10 MPH)	.00	.22	.91	2.10	3.83	6.12
INCHES (20 MPH)	.00	.45	1.83	4.21	7.65	12.23

MAXIMUM POINT BLANK RANGE IS 195 METERS. SET ZERO AT 160 METERS.						
VELOCITY FPS	2600	2491	2386	2282	2182	2084
ENERGY FT-LB	2326	2136	1959	1793	1638	1494
DROP INCHES	.00	-.77	-3.22	-7.49	-13.76	-22.21
BULLET PATH (50 M)	-.80	.00	-.87	-3.57	-8.27	-15.14
INCHES (100 M)	-.80	.44	.00	-2.26	-6.52	-12.96
(ZERO RANGE) (150 M)	-.80	1.19	1.51	.00	-3.50	-9.19
(200 M)	-.80	2.07	3.26	2.63	.00	-4.81
MPBR ZERO (160 M)	-.80	1.36	1.84	.50	-2.83	-8.35
WIND DRIFT (10 MPH)	.00	.24	.98	2.24	4.07	6.51
INCHES (20 MPH)	.00	.48	1.95	4.48	8.15	13.01

MAXIMUM POINT BLANK RANGE IS 185 METERS. SET ZERO AT 155 METERS.						
VELOCITY FPS	2500	2394	2290	2189	2091	1995
ENERGY FT-LB	2150	1972	1805	1650	1505	1370
DROP INCHES	.00	-.84	-3.49	-8.12	-14.92	-24.09
BULLET PATH (50 M)	-.80	.00	-1.01	-4.01	-9.17	-16.70
INCHES (100 M)	-.80	.51	.00	-2.49	-7.14	-14.17
(ZERO RANGE) (150 M)	-.80	1.34	1.66	.00	-3.83	-10.03
(200 M)	-.80	2.29	3.57	2.87	.00	-5.24
MPBR ZERO (155 M)	-.80	1.43	1.84	.27	-3.46	-9.57
WIND DRIFT (10 MPH)	.00	.25	1.03	2.38	4.32	6.90
INCHES (20 MPH)	.00	.51	2.07	4.75	8.64	13.80

MAXIMUM POINT BLANK RANGE IS 180 METERS. SET ZERO AT 150 METERS.						
VELOCITY FPS	2400	2296	2195	2097	2001	1907
ENERGY FT-LB	1982	1814	1658	1513	1377	1252
DROP INCHES	.00	-.91	-3.79	-8.82	-16.22	-26.22
BULLET PATH (50 M)	-.80	.00	-1.17	-4.50	-10.19	-18.47
INCHES (100 M)	-.80	.59	.00	-2.74	-7.85	-15.55
(ZERO RANGE) (150 M)	-.80	1.50	1.83	.00	-4.19	-10.98
(200 M)	-.80	2.55	3.92	3.14	.00	-5.74
MPBR ZERO (150 M)	-.80	1.50	1.83	.00	-4.19	-10.98
WIND DRIFT (10 MPH)	.00	.27	1.10	2.52	4.59	7.33
INCHES (20 MPH)	.00	.54	2.19	5.04	9.17	14.67

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

VELOCITY FPS	2300	2198	2100	2004	1911	1820
ENERGY FT-LB	1820	1663	1517	1382	1256	1140
DROP INCHES	.00	-.99	-4.13	-9.63	-17.71	-28.64
BULLET PATH (50 M)	-.80	.00	-1.35	-5.05	-11.35	-20.48
INCHES (100 M)	-.80	.67	.00	-3.03	-8.65	-17.11
(ZERO RANGE) (150 M)	-.80	1.68	2.02	.00	-4.61	-12.06
(200 M)	-.80	2.84	4.32	3.46	.00	-6.30
MPBR ZERO (145 M)	-.80	1.58	1.80	-.33	-5.04	-12.60
WIND DRIFT (10 MPH)	.00	.29	1.17	2.69	4.89	7.81
INCHES (20 MPH)	.00	.57	2.33	5.37	9.77	15.62

RANGE METERS MUZZLE 50 100 150 200 250

MAXIMUM POINT BLANK RANGE IS 170 METERS. SET ZERO AT 140 METERS.

VELOCITY FPS	2200	2101	2005	1912	1821	1730
ENERGY FT-LB	1665	1519	1383	1258	1141	1029
DROP INCHES	.00	-1.08	-4.52	-10.55	-19.41	-31.41
BULLET PATH (50 M)	-.80	.00	-1.55	-5.69	-12.67	-22.79
INCHES (100 M)	-.80	.78	.00	-3.36	-9.56	-18.90
(ZERO RANGE) (150 M)	-.80	1.90	2.24	.00	-5.08	-13.30
(200 M)	-.80	3.17	4.78	3.81	.00	-6.95
MPBR ZERO (140 M)	-.80	1.66	1.76	-.71	-6.04	-14.49
WIND DRIFT (10 MPH)	.00	.30	1.25	2.87	5.21	8.35
INCHES (20 MPH)	.00	.61	2.49	5.73	10.43	16.70

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

VELOCITY FPS	2100	2004	1910	1820	1728	1639
ENERGY FT-LB	1517	1381	1256	1140	1028	925
DROP INCHES	.00	-1.19	-4.97	-11.60	-21.36	-34.61
BULLET PATH (50 M)	-.80	.00	-1.79	-6.42	-14.20	-25.45
INCHES (100 M)	-.80	.89	.00	-3.74	-10.62	-20.98
(ZERO RANGE) (150 M)	-.80	2.14	2.49	.00	-5.63	-14.74
(200 M)	-.80	3.55	5.31	4.23	.00	-7.70
MPBR ZERO (130 M)	-.80	1.62	1.45	-1.57	-7.72	-17.35
WIND DRIFT (10 MPH)	.00	.33	1.33	3.07	5.59	8.99
INCHES (20 MPH)	.00	.65	2.66	6.13	11.18	17.98

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

VELOCITY FPS	2000	1906	1816	1724	1635	1550
ENERGY FT-LB	1376	1251	1135	1023	920	827
DROP INCHES	.00	-1.32	-5.49	-12.82	-23.64	-38.34
BULLET PATH (50 M)	-.80	.00	-2.06	-7.27	-15.97	-28.56
INCHES (100 M)	-.80	1.03	.00	-4.18	-11.86	-23.42
(ZERO RANGE) (150 M)	-.80	2.42	2.79	.00	-6.28	-16.45
(200 M)	-.80	3.99	5.93	4.71	.00	-8.60
MPBR ZERO (125 M)	-.80	1.70	1.34	-2.17	-9.18	-20.06
WIND DRIFT (10 MPH)	.00	.35	1.43	3.30	6.05	9.75
INCHES (20 MPH)	.00	.70	2.85	6.60	12.11	19.49

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

VELOCITY FPS	1900	1809	1718	1629	1544	1464
ENERGY FT-LB	1242	1127	1015	913	821	738
DROP INCHES	.00	-1.46	-6.10	-14.25	-26.32	-42.76
BULLET PATH (50 M)	-.80	.00	-2.38	-8.27	-18.09	-32.26
INCHES (100 M)	-.80	1.19	.00	-4.71	-13.33	-26.32
(ZERO RANGE) (150 M)	-.80	2.76	3.14	.00	-7.05	-18.47
(200 M)	-.80	4.52	6.67	5.29	.00	-9.65
MPBR ZERO (120 M)	-.80	1.79	1.20	-2.91	-10.93	-23.31
WIND DRIFT (10 MPH)	.00	.37	1.55	3.61	6.61	10.61
INCHES (20 MPH)	.00	.75	3.10	7.22	13.23	21.23

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

VELOCITY FPS	1800	1707	1619	1535	1455	1381
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ENERGY FT-LB	1114	1003	902	811	729	656
DROP INCHES	.00	-1.63	-6.83	-15.99	-29.56	-48.04
BULLET PATH (50 M)	-80	.00	-2.76	-9.49	-20.63	-36.68
INCHES (100 M)	-80	1.38	.00	-5.34	-15.10	-29.77
(ZERO RANGE) (150 M)	-80	3.16	3.56	.00	-7.98	-20.87
(200 M)	-80	5.16	7.55	5.98	.00	-10.89
MPBR ZERO (115 M)	-80	1.89	1.02	-3.82	-13.07	-27.23
WIND DRIFT (10 MPH)	.00	.43	1.75	4.02	7.29	11.61
INCHES (20 MPH)	.00	.85	3.50	8.03	14.58	23.23

MAXIMUM POINT BLANK RANGE IS 130 METERS. SET ZERO AT 105 METERS.

VELOCITY FPS	1700	1612	1528	1449	1374	1305
ENERGY FT-LB	994	894	803	722	650	586
DROP INCHES	.00	-1.83	-7.66	-17.95	-33.20	-53.94
BULLET PATH (50 M)	-80	.00	-3.20	-10.86	-23.47	-41.58
INCHES (100 M)	-80	1.60	.00	-6.06	-17.07	-33.58
(ZERO RANGE) (150 M)	-80	3.62	4.04	.00	-8.99	-23.49
(200 M)	-80	5.87	8.54	6.75	.00	-12.24
MPBR ZERO (105 M)	-80	1.79	.38	-5.49	-16.32	-32.64
WIND DRIFT (10 MPH)	.00	.46	1.87	4.29	7.77	12.34
INCHES (20 MPH)	.00	.92	3.74	8.58	15.53	24.67

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	1516	1438	1364	1296	1234
ENERGY FT-LB	880	791	711	640	578	524
DROP INCHES	.00	-2.07	-8.67	-20.30	-37.50	-60.89
BULLET PATH (50 M)	-80	.00	-3.73	-12.49	-26.82	-47.34
INCHES (100 M)	-80	1.86	.00	-6.89	-19.36	-38.02
(ZERO RANGE) (150 M)	-80	4.16	4.59	.00	-10.17	-26.53
(200 M)	-80	6.71	9.68	7.63	.00	-13.81
MPBR ZERO (100 M)	-80	1.86	.00	-6.89	-19.36	-38.02
WIND DRIFT (10 MPH)	.00	.49	2.00	4.56	8.23	13.01
INCHES (20 MPH)	.00	.98	3.99	9.12	16.45	26.02

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

VELOCITY FPS	1500	1422	1350	1283	1222	1168
ENERGY FT-LB	774	696	627	566	514	470
DROP INCHES	.00	-2.37	-9.88	-23.09	-42.61	-69.10
BULLET PATH (50 M)	-80	.00	-4.34	-14.38	-30.73	-54.04
INCHES (100 M)	-80	2.17	.00	-7.87	-22.05	-43.20
(ZERO RANGE) (150 M)	-80	4.79	5.25	.00	-11.56	-30.08
(200 M)	-80	7.68	11.03	8.67	.00	-15.63
MPBR ZERO (95 M)	-80	1.92	-.49	-8.60	-23.03	-44.42
WIND DRIFT (10 MPH)	.00	.52	2.11	4.81	8.62	13.53
INCHES (20 MPH)	.00	1.04	4.22	9.61	17.24	27.07

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

VELOCITY FPS	1400	1329	1264	1205	1153	1108
ENERGY FT-LB	674	607	549	500	458	423
DROP INCHES	.00	-2.72	-11.32	-26.43	-48.70	-78.76
BULLET PATH (50 M)	-80	.00	-5.08	-16.67	-35.41	-61.95
INCHES (100 M)	-80	2.54	.00	-9.05	-25.25	-49.25
(ZERO RANGE) (150 M)	-80	5.56	6.03	.00	-13.18	-34.17
(200 M)	-80	8.85	12.63	9.89	.00	-17.69
MPBR ZERO (90 M)	-80	1.98	-1.12	-10.73	-27.49	-52.05
WIND DRIFT (10 MPH)	.00	.55	2.20	4.98	8.85	13.76
INCHES (20 MPH)	.00	1.09	4.41	9.95	17.69	27.52

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

VELOCITY FPS	1300	1237	1182	1133	1091	1055
ENERGY FT-LB	581	527	480	441	409	383
DROP INCHES	.00	-3.15	-13.10	-30.47	-55.93	-90.11
BULLET PATH (50 M)	-80	.00	-5.99	-19.42	-40.92	-71.15

INCHES	(100 M)	-80	3.00	.00	-10.43	-28.94	-56.17
(ZERO RANGE)	(150 M)	-80	6.47	6.95	.00	-15.04	-38.79
	(200 M)	-80	10.23	14.47	11.28	.00	-20.00
MPBR ZERO	(80 M)	-80	1.71	-2.57	-14.28	-34.07	-62.59
WIND DRIFT	(10 MPH)	.00	.56	2.23	4.98	8.74	13.45
INCHES	(20 MPH)	.00	1.12	4.46	9.95	17.49	26.91

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

VELOCITY FPS		1200	1148	1104	1066	1033	1005
ENERGY FT-LB		495	454	419	391	367	347
DROP INCHES		.00	-3.70	-15.26	-35.33	-64.53	-103.44
BULLET PATH	(50 M)	-80	.00	-7.07	-22.64	-47.34	-81.75
INCHES	(100 M)	-80	3.53	.00	-12.04	-33.21	-64.09
(ZERO RANGE)	(150 M)	-80	7.55	8.03	.00	-17.15	-44.02
	(200 M)	-80	11.84	16.60	12.86	.00	-22.58
MPBR ZERO	(75 M)	-80	1.67	-3.72	-17.62	-40.65	-73.39
WIND DRIFT	(10 MPH)	.00	.54	2.12	4.67	8.12	12.39
INCHES	(20 MPH)	.00	1.08	4.24	9.34	16.23	24.78

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

VELOCITY FPS		1100	1062	1030	1001	976	953
ENERGY FT-LB		416	388	365	345	327	312
DROP INCHES		.00	-4.37	-17.92	-41.26	-74.94	-119.52
BULLET PATH	(50 M)	-80	.00	-8.39	-26.56	-55.08	-94.49
INCHES	(100 M)	-80	4.19	.00	-13.97	-38.30	-73.52
(ZERO RANGE)	(150 M)	-80	8.85	9.32	.00	-19.66	-50.23
	(200 M)	-80	13.77	19.15	14.75	.00	-25.65
MPBR ZERO	(70 M)	-80	1.59	-5.22	-21.80	-48.73	-86.56
WIND DRIFT	(10 MPH)	.00	.47	1.82	4.00	6.95	10.65
INCHES	(20 MPH)	.00	.93	3.64	7.99	13.90	21.30