

### **.308 Dia., 175 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 185 METERS. SET ZERO AT 155 METERS. |        |      |       |       |        |        |
| VELOCITY FPS   | 2500   | 2405 | 2312  | 2221  | 2133   | 2046   |
| ENERGY FT-LB   | 2428   | 2247 | 2077  | 1918  | 1767   | 1627   |
| DROP INCHES  | .00    | -.83 | -3.46 | -8.03 | -14.70 | -23.66 |
| BULLET PATH (50 M)   | -.80   | .00  | -1.00 | -3.93 | -8.97  | -16.30 |
| INCHES (100 M)   | -.80   | .50  | .00   | -2.44 | -6.98  | -13.81 |
| (ZERO RANGE) (150 M)   | -.80   | 1.31 | 1.63  | .00   | -3.73  | -9.75  |
| (200 M)  | -.80   | 2.24 | 3.49  | 2.80  | .00    | -5.08  |
| MPBR ZERO (155 M)  | -.80   | 1.40 | 1.80  | .27   | -3.38  | -9.30  |
| WIND DRIFT (10 MPH)  | .00    | .23  | .92   | 2.11  | 3.82   | 6.09   |
| INCHES (20 MPH)  | .00    | .45  | 1.84  | 4.21  | 7.64   | 12.18  |

|  |      |      |       |       |        |        |
|--|------|------|-------|-------|--------|--------|
| MAXIMUM POINT BLANK RANGE IS 180 METERS. SET ZERO AT 150 METERS. |      |      |       |       |        |        |
| VELOCITY FPS   | 2400 | 2307 | 2216  | 2128  | 2041   | 1957   |
| ENERGY FT-LB   | 2237 | 2068 | 1909  | 1759  | 1619   | 1488   |
| DROP INCHES  | .00  | -.90 | -3.76 | -8.72 | -15.98 | -25.74 |
| BULLET PATH (50 M)   | -.80 | .00  | -1.15 | -4.42 | -9.97  | -18.03 |
| INCHES (100 M)   | -.80 | .58  | .00   | -2.69 | -7.67  | -15.15 |
| (ZERO RANGE) (150 M)   | -.80 | 1.47 | 1.79  | .00   | -4.09  | -10.67 |
| (200 M)  | -.80 | 2.49 | 3.84  | 3.07  | .00    | -5.56  |
| MPBR ZERO (150 M)  | -.80 | 1.47 | 1.79  | .00   | -4.09  | -10.67 |
| WIND DRIFT (10 MPH)  | .00  | .24  | .97   | 2.24  | 4.06   | 6.47   |
| INCHES (20 MPH)  | .00  | .48  | 1.95  | 4.47  | 8.11   | 12.94  |

|  |      |      |       |       |        |        |
|--|------|------|-------|-------|--------|--------|
| MAXIMUM POINT BLANK RANGE IS 175 METERS. SET ZERO AT 145 METERS. |      |      |       |       |        |        |
| VELOCITY FPS   | 2300 | 2209 | 2121  | 2034  | 1950   | 1868   |
| ENERGY FT-LB   | 2055 | 1896 | 1748  | 1608  | 1478   | 1356   |
| DROP INCHES  | .00  | -.98 | -4.09 | -9.52 | -17.45 | -28.11 |
| BULLET PATH (50 M)   | -.80 | .00  | -1.33 | -4.97 | -11.11 | -19.99 |
| INCHES (100 M)   | -.80 | .66  | .00   | -2.97 | -8.46  | -16.67 |
| (ZERO RANGE) (150 M)   | -.80 | 1.66 | 1.98  | .00   | -4.49  | -11.71 |
| (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  | 2.38  | 4.32   | 6.89   |
| INCHES (20 MPH)  | .00  | .51  | 2.08  | 4.76  | 8.64   | 13.78  |

|  |      |       |       |        |        |        |
|--|------|-------|-------|--------|--------|--------|
| MAXIMUM POINT BLANK RANGE IS 170 METERS. SET ZERO AT 140 METERS. |      |       |       |        |        |        |
| VELOCITY FPS   | 2200 | 2111  | 2025  | 1941   | 1859   | 1779   |
| ENERGY FT-LB   | 1880 | 1732  | 1594  | 1464   | 1343   | 1230   |
| DROP INCHES  | .00  | -1.08 | -4.48 | -10.42 | -19.12 | -30.81 |
| BULLET PATH (50 M)   | -.80 | .00   | -1.53 | -5.59  | -12.41 | -22.23 |
| INCHES (100 M)   | -.80 | .76   | .00   | -3.30  | -9.35  | -18.41 |
| (ZERO RANGE) (150 M)   | -.80 | 1.86  | 2.20  | .00    | -4.95  | -12.91 |
| (200 M)  | -.80 | 3.10  | 4.68  | 3.72   | .00    | -6.72  |
| MPBR ZERO (140 M)  | -.80 | 1.63  | 1.73  | -.70   | -5.89  | -14.08 |
| WIND DRIFT (10 MPH)  | .00  | .27   | 1.11  | 2.54   | 4.61   | 7.36   |
| INCHES (20 MPH)  | .00  | .54   | 2.21  | 5.08   | 9.22   | 14.71  |

|  |      |       |       |        |        |        |
|--|------|-------|-------|--------|--------|--------|
| MAXIMUM POINT BLANK RANGE IS 160 METERS. SET ZERO AT 130 METERS. |      |       |       |        |        |        |
| VELOCITY FPS   | 2100 | 2014  | 1930  | 1848   | 1769   | 1690   |
| ENERGY FT-LB   | 1713 | 1576  | 1447  | 1328   | 1216   | 1110   |
| DROP INCHES  | .00  | -1.18 | -4.93 | -11.46 | -21.03 | -33.93 |
| BULLET PATH (50 M)   | -.80 | .00   | -1.76 | -6.31  | -13.90 | -24.81 |
| INCHES (100 M)   | -.80 | .88   | .00   | -3.67  | -10.38 | -20.41 |
| (ZERO RANGE) (150 M)   | -.80 | 2.10  | 2.45  | .00    | -5.49  | -14.29 |
| (200 M)  | -.80 | 3.48  | 5.19  | 4.11   | .00    | -7.44  |
| MPBR ZERO (130 M)  | -.80 | 1.59  | 1.42  | -1.53  | -7.53  | -16.85 |
| WIND DRIFT (10 MPH)  | .00  | .29   | 1.18  | 2.72   | 4.93   | 7.88   |
| INCHES (20 MPH)  | .00  | .58   | 2.37  | 5.44   | 9.86   | 15.76  |



|                      |     |       |       |        |        |        |
|----------------------|-----|-------|-------|--------|--------|--------|
| ENERGY FT-LB         | 874 | 797   | 728   | 667    | 612    | 564    |
| DROP INCHES          | .00 | -2.36 | -9.77 | -22.72 | -41.72 | -67.33 |
| BULLET PATH (50 M)   | -80 | .00   | -4.26 | -14.06 | -29.90 | -52.35 |
| INCHES (100 M)       | -80 | 2.13  | .00   | -7.67  | -21.38 | -41.70 |
| (ZERO RANGE) (150 M) | -80 | 4.69  | 5.11  | .00    | -11.16 | -28.92 |
| (200 M)              | -80 | 7.48  | 10.69 | 8.37   | .00    | -14.97 |
| MPBR ZERO (95 M)     | -80 | 1.89  | -.48  | -8.38  | -22.34 | -42.89 |
| WIND DRIFT (10 MPH)  | .00 | .45   | 1.81  | 4.11   | 7.38   | 11.60  |
| INCHES (20 MPH)      | .00 | .89   | 3.62  | 8.23   | 14.75  | 23.20  |

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

|                      |      |       |        |        |        |        |
|----------------------|------|-------|--------|--------|--------|--------|
| VELOCITY FPS         | 1400 | 1338  | 1281   | 1229   | 1182   | 1139   |
| ENERGY FT-LB         | 761  | 696   | 638    | 587    | 542    | 504    |
| DROP INCHES          | .00  | -2.70 | -11.20 | -26.03 | -47.74 | -76.88 |
| BULLET PATH (50 M)   | -80  | .00   | -5.00  | -16.32 | -34.53 | -60.17 |
| INCHES (100 M)       | -80  | 2.50  | .00    | -8.83  | -24.53 | -47.68 |
| (ZERO RANGE) (150 M) | -80  | 5.44  | 5.88   | .00    | -12.77 | -32.97 |
| (200 M)              | -80  | 8.63  | 12.27  | 9.58   | .00    | -17.01 |
| MPBR ZERO (90 M)     | -80  | 1.95  | -1.10  | -10.47 | -26.73 | -50.42 |
| WIND DRIFT (10 MPH)  | .00  | .47   | 1.89   | 4.27   | 7.61   | 11.87  |
| INCHES (20 MPH)      | .00  | .94   | 3.78   | 8.55   | 15.22  | 23.75  |