

.308 Win. SWISS P Final SR

8.4 g / 130 gr

Outstanding stopping power

Total bullet disintegration avoids collateral damage

Specifically designed for short range missions

Perfect function in automatic rifles



| | | |
|--------------------------|---|---------------|
| Cartridge | 7.62x51 / .308 Win. | |
| projectile | JHP, 8.4 g / 130 gr | |
| projectile material | tombac jacket, lead core | |
| ballistic coefficient G1 | 0.2397 (ICAO) | |
| primer / propellant | SINOXID / double base powder | |
| case material | CuZn - alloy | |
| cartridge weight | 22.4 g | |
| Performance | | |
| term of reference | C.I.P. | |
| mean chamber pressure | max. 4 150 bar | (21°C) |
| muzzle velocity | 895 m/s (2 936 fps) | 650 mm barrel |
| muzzle energy | 3 360 J | |
| accuracy at 100 m | $S_a \leq 14$ mm | |
| Packaging | | |
| standard cardboard box | 20rds / cardboard box, 200rds / cardboard box, 10000rds EU pallet | |

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| Ballistic Coefficients | 895 m/s | 340 m/s | 200 m/s |
|--------------------------|---------|---------|---------|
| Drag Coefficient | 0.4616 | 0.4070 | 0.2666 |
| Ballistic Coefficient G1 | 0.2397 | 0.2214 | 0.1771 |
| Ballistic Coefficient G7 | 0.1244 | 0.1769 | 0.1027 |

| Ballistic Coefficients | 2936 fps | 1115 fps | 656 fps |
|--------------------------|----------|----------|---------|
| Drag Coefficient | 0.4616 | 0.4070 | 0.2666 |
| Ballistic Coefficient G1 | 0.2397 | 0.2214 | 0.1771 |
| Ballistic Coefficient G7 | 0.1244 | 0.1769 | 0.1027 |

| Trajectory | 0 m | 50 m | 100 m | 150 m | 200 m | 250 m | 300 m | 350 m | 400 m | 450 m | 500 m | 550 m | 600 m |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Velocity [m/s] | 895 | 828 | 765 | 706 | 650 | 598 | 549 | 503 | 462 | 423 | 388 | 358 | 334 |
| Energy [J] | 3'364 | 2'879 | 2'458 | 2'093 | 1'775 | 1'502 | 1'266 | 1'063 | 896 | 752 | 632 | 538 | 469 |
| Time of flight [ms] | 0 | 58 | 121 | 189 | 263 | 343 | 430 | 525 | 629 | 742 | 866 | 1000 | 1145 |
| Wind drift [cm] | 0 | 1 | 5 | 11 | 20 | 32 | 48 | 67 | 91 | 120 | 154 | 193 | 237 |

| Trajectory | 0 yds | 50 yds | 100 yds | 150 yds | 200 yds | 250 yds | 300 yds | 350 yds | 400 yds | 450 yds | 500 yds | 550 yds | 600 yds |
|---------------------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Velocity [fps] | 2936 | 2735 | 2546 | 2367 | 2196 | 2037 | 1886 | 1742 | 1613 | 1489 | 1373 | 1268 | 1177 |
| Energy [J] | 3364 | 2919 | 2529 | 2186 | 1882 | 1619 | 1387 | 1184 | 1015 | 865 | 735 | 627 | 541 |
| Time of flight [ms] | 0 | 53 | 109 | 170 | 235 | 305 | 381 | 462 | 549 | 644 | 748 | 861 | 983 |
| Wind drift [inch] | 0 | 0.40 | 1.57 | 3.59 | 6.53 | 10.48 | 15.54 | 21.82 | 29.42 | 38.47 | 49.08 | 61.38 | 75.44 |

Test barrel length: 650 mm / Twist rate: 12" / Crosswind velocity: 5 m/s Reference conditions: 15 °C/59 °F / 1013.25 hPa / 0% humidity / 0 m/ft above sea level

| Trajectory | cm | 50 m | 100 m | 150 m | 200 m | 250 m | 300 m | 350 m | 400 m | 450 m | 500 m | 550 m | 600 m |
|-----------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rifle zeroed at | 50 | x | -2 | -7 | -14 | -26 | -42 | -65 | -94 | -133 | -183 | -246 | -327 |
| | 100 | 1 | x | -3 | -10 | -21 | -36 | -57 | -86 | -123 | -172 | -234 | -314 |
| | 150 | 2 | 2 | x | -6 | -15 | -29 | -49 | -77 | -113 | -161 | -222 | -301 |
| | 200 | 4 | 5 | 4 | x | -8 | -20 | -39 | -65 | -99 | -145 | -205 | -282 |
| | 250 | 5 | 8 | 9 | 6 | x | -11 | -28 | -52 | -86 | -130 | -188 | -264 |
| | 300 | 7 | 12 | 14 | 13 | 9 | x | -16 | -38 | -70 | -113 | -169 | -243 |
| | 350 | 9 | 16 | 21 | 22 | 20 | 12 | x | -21 | -50 | -91 | -145 | -217 |
| | 400 | 12 | 21 | 29 | 33 | 33 | 28 | 18 | x | -27 | -65 | -116 | -185 |
| | 450 | 15 | 28 | 38 | 45 | 48 | 47 | 39 | 24 | x | -34 | -83 | -149 |
| | 500 | 18 | 35 | 48 | 59 | 66 | 67 | 64 | 52 | 32 | x | -44 | -107 |

| Trajectory | inch | 50 yds | 100 yds | 150 yds | 200 yds | 250 yds | 300 yds | 350 yds | 400 yds | 450 yds | 500 yds | 550 yds | 600 yds |
|-----------------|------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Rifle zeroed at | 50 | x | -0.61 | -2.07 | -4.50 | -8.11 | -13.16 | -19.93 | -28.82 | -40.26 | -54.82 | -73.17 | -96.11 |
| | 100 | 0.34 | x | -1.13 | -3.24 | -6.54 | -11.27 | -17.73 | -26.30 | -37.43 | -51.68 | -69.72 | -92.34 |
| | 150 | 0.74 | 0.80 | x | -1.67 | -4.58 | -8.91 | -14.99 | -23.16 | -33.90 | -47.75 | -65.40 | -87.63 |
| | 200 | 1.13 | 1.59 | 1.23 | x | -2.61 | -6.56 | -12.24 | -20.02 | -30.36 | -43.82 | -61.08 | -82.92 |
| | 250 | 1.68 | 2.69 | 2.88 | 2.10 | x | -3.26 | -8.39 | -15.62 | -25.42 | -38.33 | -55.03 | -76.32 |
| | 300 | 2.23 | 3.79 | 4.53 | 4.30 | 2.88 | x | -4.54 | -11.22 | -20.47 | -32.83 | -48.97 | -69.73 |
| | 350 | 2.86 | 5.04 | 6.41 | 6.81 | 6.03 | 3.81 | x | -6.20 | -14.81 | -26.55 | -42.06 | -62.19 |
| | 400 | 3.65 | 6.61 | 8.77 | 9.95 | 9.95 | 8.52 | 5.36 | x | -7.74 | -18.69 | -33.42 | -52.76 |
| | 450 | 4.51 | 8.34 | 11.36 | 13.41 | 14.27 | 13.71 | 11.41 | 7.00 | x | -10.05 | -23.91 | -42.40 |
| | 500 | 5.54 | 10.38 | 14.43 | 17.49 | 19.38 | 19.83 | 18.55 | 15.17 | 9.22 | x | -12.68 | -30.14 |

Maximum range: 3200 m / 3500 yds

Remark: Technical specification and numerical data are given as an indication only and are of no contractual nature.

Diagram of different zero ranges

