

.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 ≤ 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
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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

