

.375 SWISS P Ball

22.7 g / 350 gr

Increases the performance of a proven
.338 Lapua Mag weapon system

High energy - 40% more muzzle energy
compared to .338 Lapua Mag SWISS P Ball

Extended operating distance supersonic
up to 1600 m

Flatter trajectory and less wind drift thanks
to heavier bullet weight



Cartridge	9.5x70 / .375 SWISS P	
projectile	FMJ, 22.7 g / 350 gr	
projectile material	tombac jacket, lead core	
ballistic coefficient G1	0.8014 (ICAO)	
primer / propellant	SINOXID / double base powder	
case material	CuZn - alloy	
cartridge weight	52.0 g	
Performance		
term of reference	C.I.P.	
mean chamber pressure	max. 4 200 bar	(21°C)
muzzle velocity	865 m/s (2 838 fps)	762 mm barrel
muzzle energy	8 492 J	
accuracy at 300 m	$S_a \leq 26$ mm	
Packaging		
standard cardboard box	10rds / cardboard box, 180rds / cardboard box, 10800rds EU pallet	

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Ballistic Coefficients	865 m/s	340 m/s	200 m/s
Drag Coefficient	0.2385	0.3070	0.1175
Ballistic Coefficient G1	0.8014	0.5564	0.6183
Ballistic Coefficient G7	0.3984	0.4404	0.3614

Ballistic Coefficients	2838 fps	1115 fps	656 fps
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Ballistic Coefficient G7	0.3984	0.4404	0.3614

Trajectory	0 m	200 m	400 m	600 m	800 m	1000 m	1100 m	1200 m	1300 m	1400 m	1600 m	1800 m	2000 m
Velocity [m/s]	865	787	712	641	573	508	478	448	419	392	343	313	297
Energy [J]	8'492	7'030	5'757	4'664	3'724	2'932	2'588	2'277	1'996	1'711	1'334	1'114	1'000
Time of flight [ms]	0	242	510	806	1136	1506	1709	1926	2157	2403	2950	3565	4224
Wind drift [cm]	0	6	24	56	105	175	219	269	327	393	550	742	956

Trajectory	0 yds	200 yds	400 yds	600 yds	800 yds	1000 yds	1100 yds	1200 yds	1300 yds	1400 yds	1600 yds	1800 yds	2000 yds
Velocity [fps]	2838	2603	2378	2162	1955	1756	1661	1569	1480	1394	1232	1096	1018
Energy [J]	8492	7147	5962	4929	4029	3253	2911	2597	2311	2049	1602	1266	1094
Time of flight [ms]	0	221	462	727	1018	1342	1518	1704	1901	2110	2568	3086	3657
Wind drift [inch]	0	2.01	8.06	18.75	34.83	57.20	69.96	85.63	103.44	123.57	174.14	234.05	304.32

Test barrel length: 762 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	200 m	400 m	600 m	800 m	1000 m	1100 m	1200 m	1300 m	1400 m	1600 m	1800 m	2000 m
Rifle zeroed at	200 m	x	-56	-180	-390	-706	-914	-1161	-1452	-1794	-2664	-3844	-5408
	400 m	28	x	-96	-278	-567	-761	-994	-1271	-1599	-2440	-3592	-5128
	600 m	60	65	x	-149	-405	-583	-800	-1061	-1373	-2182	-3301	-4804
	800 m	98	140	113	x	-218	-377	-575	-817	-1110	-1881	-2964	-4429
	1000 m	141	227	244	176	x	-137	-313	-533	-805	-1532	-2570	-3991
	1100 m	166	276	317	274	123	x	-166	-374	-634	-1336	-2350	-3747
	1200 m	194	332	401	385	262	151	x	-193	-438	-1113	-2099	-3467
	1300 m	224	391	490	504	411	314	179	x	-230	-876	-1832	-3170
	1400 m	257	457	590	637	576	497	378	216	x	-610	-1533	-2838
	1600 m	333	609	817	940	956	914	834	709	533	x	-849	-2078

Trajectory	inch	200 yds	400 yds	600 yds	800 yds	1000 yds	1100 yds	1200 yds	1300 yds	1400 yds	1600 yds	1800 yds	2000 yds
Rifle zeroed at	200 yds	x	-18.30	-58.22	-124.63	-223.60	-287.71	-363.19	-451.44	-554.08	-810.57	-1151.86	-1601.52
	400 yds	8.98	x	-30.89	-88.19	-178.05	-237.61	-308.53	-392.23	-490.33	-737.66	-1069.83	-1510.31
	600 yds	19.36	20.66	x	-46.72	-126.22	-180.59	-246.34	-324.81	-417.72	-654.69	-976.44	-1406.54
	800 yds	30.98	43.91	35.09	x	-68.10	-116.66	-176.60	-249.26	-336.37	-561.67	-871.74	-1290.13
	1000 yds	44.50	70.93	75.61	53.82	x	-42.37	-95.52	-161.46	-241.78	-453.58	-750.15	-1154.96
	1100 yds	52.35	86.64	99.18	85.24	38.72	x	-48.40	-110.41	-186.81	-390.76	-679.43	-1076.30
	1200 yds	60.52	102.97	123.68	117.91	79.56	45.76	x	-57.29	-129.64	-325.38	-605.88	-994.59
	1300 yds	69.32	120.57	150.07	153.10	123.54	94.14	53.39	x	-68.07	-255.03	-526.68	-906.51
	1400 yds	79.06	140.05	179.30	192.06	172.24	147.70	111.82	63.18	x	-177.08	-438.99	-809.02
	1600 yds	101.06	184.06	245.28	280.03	282.20	268.66	243.77	206.12	154.06	x	-241.01	-588.97

Maximum range: 6407 m / 7007 yds

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

Diagram of different zero ranges

