

ACCURACY AND CHRONOGRAPH DATA

Hornady 9mm JHP 147-gr. #90802

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group
Largest Group
Average Group

Ruger SR9

945 fps
10 fps
292 ft.-lbs.
0.5 in.
1.3 in.
0.9 in.

Sig Sauer P250

913 fps
12 fps
272 ft.-lbs.
0.6 in.
1.2 in.
0.9 in.

Smith & Wesson M&P Compact

914 fps
7 fps
273 ft.-lbs.
1.0 in.
2.0 in.
1.6 in.

Sellier & Bellot 9mm FMJ 124-gr. SBA00905

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group
Largest Group
Average Group

Ruger SR9

1038 fps
13 fps
297 ft.-lbs.
0.5 in.
1.3 in.
1.1 in.

Sig Sauer P250

1008 fps
20 fps
280 ft.-lbs.
0.6 in.
1.2 in.
1.0 in.

Smith & Wesson M&P Compact

1016 fps
19 fps
285 ft.-lbs.
1.3 in.
1.6 in.
1.5 in.

Remington UMC 9mm MC 115-gr. L9MM3A

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group
Largest Group
Average Group

Ruger SR9

1058 fps
28 fps
286 ft.-lbs.
0.9 in.
1.7 in.
1.3 in.

Sig Sauer P250

1016 fps
26 fps
264 ft.-lbs.
0.7 in.
1.6 in.
1.1 in.

Smith & Wesson M&P Compact

1035 fps
17 fps
274 ft.-lbs.
1.3 in.
2.2 in.
2.2 in.

To collect accuracy data, we fired 5-shot groups from a standing rest at 7 yards. To capture velocity data, we used a Chrony Beta chronograph with the first skyscreen set 10 feet from the muzzle.