

40 S&W CARTRIDGE PERFORMANCE DATA

<i>Gun: Glock 23</i>	Average Velocity (fps)	Standard Deviation (fps)	Muzzle Energy (ft.-lbs.)	Average Accuracy (in.)	IPSC Power Factor	Expanded Bullet Width (in.)	Retained Weight (gr.)	Penetration In Water (in.)
Black Hills 180-gr.	1009	16	406	2.0	182	0.70	180/100%	20
Magtech GG 180-gr.	917	24	336	4.0	165	0.66	180/100%	24
PMC 180-gr.	901	30	324	3.5	162	0.68	177/98%	18
Winchester 165-gr.	1101	24	444	1.75	182	0.72	165/100%	16
Hornady 165-gr.	1067	18	417	2.5	176	0.70	164/99%+	16
Remington 165-gr.	1093	21	438	2.4	180	0.80	160/97%	18
Black Hills 155-gr.	1123	18	434	2.25	174	0.71	155/100%	18
Federal 155-gr.	1072	17	395	2.0	166	0.70	152/98%	17
Cor-Bon 140-gr. DPX	1175	14	429	2.5	165	0.69	140/100%	18
Cor-Bon 135-gr. JHP	1338	26	536	3.0	181	0.60	70/52%	12

Notes: Average velocity and standard deviation readings were recorded by firing 10-shot strings over a Competition Electronics Pro Chrono. The muzzle was 10 feet from the first skyscreen. Ambient temperature: 80 degrees. Elevation: 815 feet above sea level. ● The accuracy figures are the average of four five-shot groups. For accuracy, we fired the test gun from a benchrest at a 25-yard target. ● To calculate IPSC power factor, multiply bullet weight in grains by the velocity in fps, then divide by 1000. ● The retained-weight column shows the measured recovered bullet weight, then the retained weight as a percentage of the original bullet weight.

Ammo sources: Black Hills D40N220 180-grain JHP, \$16.87/20 (Midway #659850). Magtech Guardian Gold GG40B 180-grain JHP, \$19.60/20 (CTD #2-MTGG40B). PMC Starfire 40SFA 180-grain HP, \$18.73/20 (CTD #2-PMC40SFA). Winchester PDX1 Defender S40SWPDB 165-grain HP, \$20.99/20 (Brownells #105-202-563WB). Hornady Critical Defense 91340 165-grain FTX, \$19.99/20 (Brownells #105-201-352WB). Remington Premier Golden Saber GS40SWA 165-grain BTHP, \$33.99/25 (Brownells #105-201-669WB). Black Hills D40N120 155-grain JHP, \$16.87/20 (Midway #416027). Federal 155-grain Hydra-Shok FEDP40HS2, \$23.99/20 (Brownells #105-200-672WB). Cor-Bon DPX 40140 140-grain Solid Copper HP \$36.11/20 Rounds (CTD #2-CORDPX40140). Cor-Bon Self-Defense 40135 135-grain JHP, \$27.63/20 (CTD #2-COR40135).