

Loading .45 ACP – 185 gr HBRN with Sport Pistol

Setup:

Pistol: Kimber Stainless TLE II – 5" barrel with 1/16 twist

Powder: Sport Pistol

Bullets: Berry's – 185 gr – HBRN Plated (P/N 84477) - .452"

COL & Crimp: COL 1.250" – Very light Lee FCD taper crimp

Cases: Winchester with large primer

Primers: CCI 300

Date/Conditions: 07/25/20 - 88* F, 66%



Load Data:

Bullet: 185 GR Berry's HBRN **Powder:** Sport Pistol **COL:** 1.250"

Source	Start Velocity	Max Velocity	Barrel	Twist	Case	Primer
Sport Pistol (Lead SWC @ 1.235")	5.8	6.4	1080	5	Fed	F 150
Per Alliant, start 10% below max. Goal is 920 max fps						
THR - Similar to burn rate to Win 231/HP-38. COL of 1.250" with 5.7 - 5.9 gr						

Note - Always verify load data for yourself, starting low and working up in safe increments. Published data varies from source-to-source, and subject to typos and transposing errors. Additionally, internet posts such as this are someone's personal experience.

Results: 5 shots each at 7 yds., benchrest with sandbag:

6.0 gr – Avg. 852 fps, ES 42, SD 15

Caliber: 45 ACP Date: 07/25/20 Conditions: 88 F, 66% Distance: 7 yd
 Bullet: 185 GR Berry's HBRN COL: 1.250" Crimp: Taper
 Powder: Sport Pistol Case: WIN LG: _____ Primer: CCI 300
 Gun: Kimber Stainless TLE II - 5" barrel
6.0 GR Avg: 852 ES: 42 SD: 15 855, 849, 855, 873, 831



5.7 gr – Avg. 773 fps, ES 27, SD 10

Caliber: 45 ACP Date: 07/25/20 Conditions: 88 F, 66% Distance: 7 yd
Bullet: 185 GR Berry's HBRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: WIN LG: _____ Primer: CCI 300
Gun: Kimber Stainless TLE II - 5" barrel
5.7 GR Avg: 773 ES: 27 SD: 10 782, 776, 755, 779, 776



5.8 gr – Avg. 792 fps, ES 91, SD 38

Caliber: 45 ACP Date: 07/25/20 Conditions: 88 F, 66% Distance: 7 yd
Bullet: 185 GR Berry's HBRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: WIN LG: _____ Primer: CCI 300
Gun: Kimber Stainless TLE II - 5" barrel
5.8 GR Avg: 792 ES: 91 SD: 38 810, 853, 771, 762, 768



5.9 gr – Avg. 820 fps, ES 59, SD 21

Caliber: 45 ACP Date: 07/25/20 Conditions: 88 F, 66% Distance: 7 yd
Bullet: 185 GR Berry's HBRN COL: 1.250" Crimp: Taper
Powder: Sport Pistol Case: WIN LG: _____ Primer: CCI 300
Gun: Kimber Stainless TLE II - 5" barrel
5.9 GR Avg: 820 ES: 59 SD: 21 826, 822, 852, 793, 809



Primers after shooting 6.0 gr load



DISCLAIMER

The load data contained above was developed using specific components. Other components may not produce equivalent pressure or velocities; therefore, it is recommended that the user be familiar with the basic rules of reloading safety. If you choose to use any load data above, you are using at your own risk.

Always verify load data for yourself, starting low and working up in safe increments. Published data varies from source-to-source, and subject to typos and transposing errors. Additionally, internet posts such as this are someone's personal experience. My recommendation is that you should always consult at least three sources of manufacturer's ammunition and/or powder reloading data before reloading your own ammunition.