

# Our Take - HW100 Sporter or Thumbhole



## .177 Caliber Pellets

Pellet Name	Pellet Weight (grains)		Ratings at the Muzzle		Ratings at 10 Yards		Ratings at 25 Yards		Ratings at 50 Yards		Ballistic Coefficient
Name	Advertised	Tested	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Average Energy
Napier Hunter	7.72	7.80	1049	19	936	15	822	12	683	8	.017
Trophy	7.88	8.00	1048	20	936	16	822	12	683	8	.017
Premier Lights	7.90	7.90	1052	19	943	16	833	12	698	9	.018
Crosman Accupell	7.90	7.90	1053	19	944	16	833	12	698	9	.018
JSB Express	7.90	7.90	1057	20	951	16	844	12	712	9	.019
Bearcub	8.09	8.00	1020	18	862	13	710	9	525	5	.010
SuperDome	8.30	8.20	1022	19	875	14	731	10	556	6	.011
FTS	8.40	9.00	1017	21	920	17	816	13	685	9	.018
JSB Exact	8.44	8.40	1030	20	912	16	793	12	645	8	.015
JSB Exact Heavy	10.33	10.30	974	22	910	19	835	16	734	12	.025
Premier Heavy	10.50	10.50	959	21	908	19	844	12	757	13	.030
Kodiak Match	10.60	10.20	962	22	871	18	768	14	635	9	.016
Kodiak	10.60	10.50	947	21	860	17	760	13	628	9	.016

Break down of number of shots using a 3,000 psi fill and JSB Exact .177 pellets.

Number of shots	Average	Average FPE
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	Velocity	
0-10	1029	20.0
11-20	1028	20.0
21-30	1027	20.0
31-40	1014	19.0
41-50	969	18.0
51-60	910	15.0

## .22 Caliber Pellets

Pellet Name	Pellet Weight (grains)		Ratings at the Muzzle		Ratings at 10 Yards		Ratings at 25 Yards		Ratings at 50 Yards		Ballistic Coefficient
Name	Advertised	Tested	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Average Energy
Trophy	14.00	14.40	842	23	801	21	746	18	664	14	.027
JSB Express	14.30	14.30	892	25	812	21	715	16	583	11	.015
Crosman Premier	14.30	14.30	849	23	837	22	782	17	692	15	.031
Crosman Accupell	14.30	14.40	870	24	838	22	695	16	631	13	.023
Bearcub	14.44	15.44	849	25	772	20	675	16	543	10	.014
SuperDome	14.50	14.50	865	24	746	18	608	12	431	6	.009
Beeman FTS	14.60	14.90	831	23	809	21	679	15	632	13	.032
Napier ProHunter	15.40	15.20	821	23	801	21	773	15	729	13	.030
JSB Exact	15.74	15.80	839	25	821	24	796	17	656	15	.032
Logun Penetrator	16.00	16.00	813	24	808	23	700	17	687	15	.032
Logun Penetrator 20.5	20.50	20.50	782	28	713	23	647	19	551	14	.019
Kodiak	21.10	21.70	742	27	693	23	625	19	528	13	.018

Break down of number of shots using a 3,000 psi fill and JSB Exact .22 pellets.

Number of shots	Average Velocity	Average FPE
0-10	871	26.6
11-20	883	27.4
21-30	894	28.0
31-40	836	27.2
41-50	796	24.5