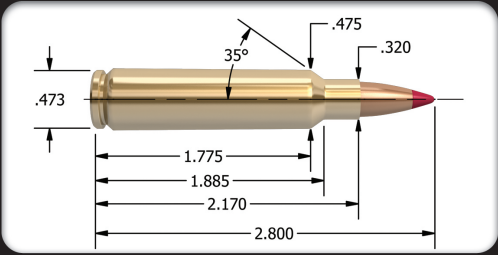


CARTRIDGE

284 Winchester - 120 grain

Version 8.0

Nosler®
UP FRONT



284 Winchester - 120 grain

7mm (.284")

MAXIMUM S.A.A.M.I. O.A.C.L. 2.800"

TESTED O.A.C.L.

B.C.

S.D.

Ballistic Tip®		120gr. Spitzer	2.800"	0.417	0.213
CASE TYPE:	Winchester	PRIMER TYPE			Fed 210
CASE HOLDS:	61.3	Gr. WATER	BARREL Length/Make		24" Lilja
			BARREL Twist		1-9"

POWDER TYPE	POWDER CHG. GRS.	MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
W760	53.0 * MAX.	3036	91%
	51.0	2906	87%
	49.0	2776	84%
IMR 4350	55.0 MAX.	3046	95%
	53.0	2933	91%
	51.0 *	2820	88%
Viht N160 Most Accurate Powder Tested	56.0 MAX.	3061	** 102%
	54.0	2949	98%
	52.0 *	2837	94%
H4831	59.0 MAX.	3062	100%
	57.0	2960	97%
	55.0 *	2860	93%
RL15	48.5 MAX.	3064	82%
	46.5	2929	79%
	44.5 *	2794	76%
RL19	57.5 * MAX.	3101	** 102%
	55.5	2986	98%
	53.5	2870	95%
H4350	57.0 MAX.	3231	98%
	55.0	3142	95%
	53.0 *	3028	91%
Hunter	62.0 MAX.	3295	** 106%
	60.0 *	3255	** 103%
	58.0	3160	100%

All cartridge measurements are SAAMI maximum and due to variations from manufacturers actual measurements may vary
* Because Nosler, Inc. has no control over the actual components selected, the manner in which they are assembled or the condition of the firearm used, no responsibility, either expressed or implied is assumed for the use of this data.
In no event shall Nosler, Inc. be liable for any damages resulting from the use of this data.*

* = Most accurate load tested

** = Compressed load