

30-378 Weatherby Magnum

Berger 210 Grain Load Development – Production & Custom



30 cal 210 Grain Match Hunting VLD, Caliber = 0.308 Weight = 210 B. C. 0.631				
Bullet (Grs.)	Powder / (Grs.)	M.V.	M.E.	Source
180 Barnes-X	A8700 / 118.0	3,290	4,317	WCG, Inc.
200 Nosler Part.	A8700 / 117.0	3,208	4,570	WCG, Inc.
200 Sierra HPBT	A8700 / 117.0	3,164	4,447	WCG, Inc.
210 Berger Bullet	A8700 / 116.3	3,210	4,581	WCG, Inc.
220 Sierra HPBT	A8700 / 115.0	3,050	4,545	WCG, Inc.
250 Sierra HPBT	A8700 / 111.0	2,969	4,850	WCG, Inc.

COAL = 3.787" – 210gr. Berger

Trim = 2.903" (Case trim-to-length), Virgin Weatherby Magnum Brass

Primers = CCI 250, Federal 210M or Federal 215

Powder = A8700 at 116.3 Grains (Compressed)

.334" Redding Neck Bushing

Accuracy - .77" at 100 yards as tested bench rest (Rifle, stock production 30-378), no muzzle compensator utilized during testing

Testing to include the following powders:

H4831SC (SC=shortcut) – PENDING DEVELOPMENT LOADING AND TESTING

Retumbo (107.4 grains), 3.788" – 210 Berger Bullet – Velocity = 3,119

H50BMG (115.0 grains), 3.784" – 210 Berger Bullet – Velocity = 3,114

H1000 (97.7 to 98.1 grains), 3.785" 210 Berger Bullet – Velocity = 3,144

Below results in a 27.5" Custom 30-378 on standard Mark V Action:

COAL = 3.789" - 3.790"

Retumbo - (load above) fps spread – 3,310 – 3,299 – 3,314 – 3,309 - 3,299 – 3,311 – 3,301 - 3,307

COAL = 3.757" - 3.760"

H1000 – (load above) fps spread – 3,290 - 3,298 - 3,266 - 3,278

COAL = 3.707" - 3.714"

H50 BMG – (load above) fps spread – 3,216 – 3,229 – 3,255