



327 Federal Magnum

with 115-grain Gold Dot® Hollow-Point

LABNOTES

The 327 Federal Magnum is the second and most powerful upgrade of the venerable 32 Smith & Wesson Long cartridge. The first performance upgrade came from Federal Cartridge in 1983 with the 32 H&R Magnum. It used the 32 Long case lengthened to 1.075-inch combined with higher pressures. The 327 Federal has a 1.200-inch case and a maximum average pressure three times that of the original 32 S&W Long. In spite of its name, the 327 Federal uses 0.312-inch bullets, as do the 32 S&W Long and 32 H&R Magnum.

The 327 Federal with the high-performance 115-grain Speer Gold Dot® hollow point can post velocities from a 3-inch revolver that exceed those of many 125-grain 357 Magnum loads from a 2.5-inch revolver, delivering almost 500 ft-lbs of muzzle energy. The smaller case diameter provides another benefit: compact 327 Federal revolvers hold six cartridges compared to five for similar 38/357 caliber models.

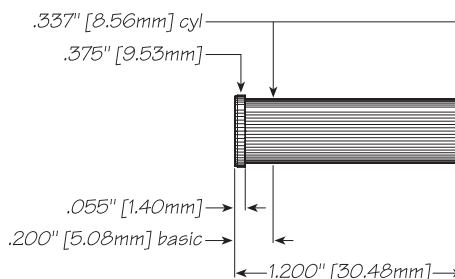
The loads presented here are held slightly under the 45,000 psi maximum average pressure for this cartridge to insure easy extraction from revolvers. They were function-tested in a Ruger SP-101 and gave no problems of any kind.

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0.312"	327 GDHP
Weight, grains	115
Ballistic Coefficient	0.180
Sectional Density	0.169
COAL Tested:	1.465"
Speer Part No.	3988

Propellant	START CHARGE		MAXIMUM CHARGE	
	Weight, grs	Muzzle Velocity, ft/sec	Weight, grs	Muzzle Velocity, ft/sec
296	12.5	1269	13.5C	1383
H110	12.0	1225	13.0C	1378
Accurate No. 9	11.0	1302	12.0C	1349
2400®	10.0	1162	11.0C	1301
Ramshot Enforcer	10.5	1162	11.5	1289
Vih. N110	10.0C	1205	11.0C	1254
Power Pistol®	6.0	1093	6.9	1214



Max. Case Length:	1.200"	Cart. Case:	Federal®
Trim-to Length:	1.190"	Primer:	Federal 205
Max Cart. OAL:	1.475"	Test Firearm:	Ruger SP-101
RCBS® Shell Holder:	#23	Barrel Length:	3"

Special Note Regarding Primers: Due to the high operating pressures, factory ammo for the 327 Federal uses small rifle primers to prevent primer flowback. These handloads were developed with Federal #205 small rifle primers. However, small rifle magnum primers are neither required nor recommended.

WARNING: Improper handloading practices can result in serious personal injury and/or property damage. Refer to the current SPEER® Reloading Manual for handloading instructions. Be thoroughly familiar with those instructions before using these loads. As ATK has no control over individual handloading practices or the condition of firearms in which the resulting ammo may be used, we disclaim all liability for any damages that may result from the use of this information.

Maximum Loads should be used with CAUTION • C = Compressed Load • *Magnum Primer used with this powder.