



## Product Specification Sheet

Federal Cartridge Company  
900 Ehlen Drive  
Anoka, MN 55303

**LOAD NUMBER:** GM223M3

**CALIBER:** .223 Remington

**CASE:** Brass, Copper Alloy No. 260

**BULLET:** 77 gr. Sierra Match King Boat-Tail  
Hollow Point

**PRIMER:** Federal No. GM205M, (staked)  
Primer Mix contains Basic Lead Styphnate.

**OPERATING RANGE:** -40° F to 125° F

**PRIMER SEALANT:** Water Resistant  
Lacquer

**CASE MOUTH SEALANT:** None

**HEADSTAMP:** Each loaded cartridge shall be  
headstamped with the manufacturer's symbol  
and two digit year of manufacture

**ACCURACY:** Two 10-round groups with  
maximum average extreme spread of 1.7 in. at  
200 yards using a 1-8 in. twist test barrel

**VELOCITY:** 2730 ± 25 fps using a 24.0 in.  
SAAMI standard test barrel

**MUZZLE ENERGY:** 1274 ft.-lbs.

**CHAMBER PRESSURE:** 55,000 psi  
maximum average

**BULLET PULL:** 30 lb. minimum individual

**PROPELLANT DETECTION:** 100%  
mechanical and/or electrical detection of  
propellant levels within the cartridge

**VISUAL INSPECTION:** 100% visual  
inspection of finished cartridges prior to  
packaging

**LOT IDENTIFICATION:** Each lot of  
ammunition is assigned a unique identification  
number to include the day, month and year of  
manufacture and assembly line on which  
manufactured.

**PACKAGING:** 20 rounds per carton and 10  
cartons (200 rounds) per corrugated shipping  
case