

# TAKE AIM AT RIFLE RELOADING DATA

CARTRIDGE

## 6 MM ARC

**Case:** Hornady  
**Twist:** 1:7.500"  
**Primer:** Federal 205M Small Rifle Match  
**Barrel Length:** 24.000"  
**Trim Length:** 1.480"

|                  |
|------------------|
| BULLET WEIGHT    |
| 100 GR. NOS PART |

|                     |         |  |              |        | Starting Loads |             |            | Maximum Loads |             |            |
|---------------------|---------|--|--------------|--------|----------------|-------------|------------|---------------|-------------|------------|
| Manufacturer Powder |         |  | Bullet Diam. | C.O.L  | Grs.           | Vel. (ft/s) | Pressure   | Grs.          | Vel. (ft/s) | Pressure   |
| Hodgdon             | CFE 223 | <a href="#">Buy</a><br><a href="#">Now</a> | 0.243"       | 2.150" | 25.7           | 2,498       | 39,400 PSI | 28.6          | 2,758       | 51,600 PSI |
| Hodgdon             | LVR     |  | 0.243"       | 2.150" | 25.5           | 2,535       | 41,600 PSI | 28.4C         | 2,750       | 51,700 PSI |
| Winchester          | 760     | <a href="#">Buy</a><br><a href="#">Now</a> | 0.243"       | 2.150" | 26.5           | 2,414       | 39,600 PSI | 29.5C         | 2,657       | 51,200 PSI |
| Winchester          | 748     | <a href="#">Buy</a><br><a href="#">Now</a> | 0.243"       | 2.150" | 24.7           | 2,475       | 40,800 PSI | 27.5          | 2,698       | 51,700 PSI |
| Hodgdon             | BL-C(2) | <a href="#">Buy</a><br><a href="#">Now</a> | 0.243"       | 2.150" | 25.3           | 2,423       | 40,100 PSI | 28.2          | 2,671       | 51,600 PSI |

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| BULLET WEIGHT       |
| 103 GR. VPRTRL VTAC |

|              |             |                         |              |        | Starting Loads |             |            | Maximum Loads |             |            |
|--------------|-------------|-------------------------|--------------|--------|----------------|-------------|------------|---------------|-------------|------------|
| Manufacturer | Powder      |                         | Bullet Diam. | C.O.L  | Grs.           | Vel. (ft/s) | Pressure   | Grs.          | Vel. (ft/s) | Pressure   |
| Winchester   | StaBALL 6.5 | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 27.6           | 2,324       | 36,300 PSI | 30.7C         | 2,611       | 49,800 PSI |
| Winchester   | 748         | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 25.1           | 2,422       | 37,900 PSI | 27.9          | 2,674       | 50,500 PSI |
| Hodgdon      | BL-C(2)     | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 25.5           | 2,395       | 37,600 PSI | 28.4          | 2,654       | 50,900 PSI |
| Hodgdon      | CFE 223     | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 26.0           | 2,465       | 37,600 PSI | 28.9          | 2,727       | 50,600 PSI |
| Winchester   | 760         | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 26.6           | 2,387       | 36,800 PSI | 29.5C         | 2,656       | 50,100 PSI |
| Hodgdon      | LVR         |                         | 0.243"       | 2.260" | 25.6           | 2,471       | 38,800 PSI | 28.5          | 2,712       | 51,100 PSI |
| Hodgdon      | Varget      | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 23.5           | 2,369       | 39,700 PSI | 26.2          | 2,608       | 51,800 PSI |

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| BULLET WEIGHT    |
| 107 GR. SIE HPBT |

|              |        |                         |              |        | Starting Loads |             |            | Maximum Loads |             |            |
|--------------|--------|-------------------------|--------------|--------|----------------|-------------|------------|---------------|-------------|------------|
| Manufacturer | Powder |                         | Bullet Diam. | C.O.L  | Grs.           | Vel. (ft/s) | Pressure   | Grs.          | Vel. (ft/s) | Pressure   |
| Hodgdon      | Varget | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 23.2           | 2,325       | 40,900 PSI | 25.8C         | 2,541       | 51,600 PSI |
| Winchester   | 760    | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 26.5           | 2,352       | 38,100 PSI | 29.4C         | 2,610       | 51,100 PSI |
| Winchester   | 748    | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 24.7           | 2,398       | 40,400 PSI | 27.4          | 2,623       | 51,500 PSI |

|            |             |                         |        |        | Starting Loads |       |            | Maximum Loads |       |            |
|------------|-------------|-------------------------|--------|--------|----------------|-------|------------|---------------|-------|------------|
| Winchester | StaBALL 6.5 | <a href="#">Buy Now</a> | 0.243" | 2.260" | 27.2           | 2,258 | 34,400 PSI | 30.3C         | 2,557 | 50,300 PSI |
| Hodgdon    | BL-C(2)     | <a href="#">Buy Now</a> | 0.243" | 2.260" | 24.9           | 2,358 | 41,200 PSI | 27.7          | 2,576 | 51,500 PSI |
| Hodgdon    | CFE 223     | <a href="#">Buy Now</a> | 0.243" | 2.260" | 25.8           | 2,450 | 40,300 PSI | 28.8          | 2,687 | 51,400 PSI |
| Hodgdon    | LVR         |                         | 0.243" | 2.260" | 25.4           | 2,400 | 37,700 PSI | 28.2          | 2,669 | 51,800 PSI |

#### BULLET WEIGHT

### 110 GR. HDY A-TIP

|              |             |                         |              |        | Starting Loads |             |            | Maximum Loads |             |            |
|--------------|-------------|-------------------------|--------------|--------|----------------|-------------|------------|---------------|-------------|------------|
| Manufacturer | Powder      |                         | Bullet Diam. | C.O.L  | Grs.           | Vel. (ft/s) | Pressure   | Grs.          | Vel. (ft/s) | Pressure   |
| Hodgdon      | BL-C(2)     | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 24.8           | 2,329       | 38,800 PSI | 27.5          | 2,568       | 50,300 PSI |
| Hodgdon      | CFE 223     | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 25.3           | 2,397       | 38,200 PSI | 28.2          | 2,649       | 50,500 PSI |
| Hodgdon      | Varget      | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 23.0           | 2,296       | 38,600 PSI | 25.7C         | 2,541       | 51,900 PSI |
| Hodgdon      | LVR         |                         | 0.243"       | 2.260" | 25.4           | 2,410       | 38,600 PSI | 28.2C         | 2,660       | 51,200 PSI |
| Winchester   | StaBALL 6.5 | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 27.0           | 2,238       | 34,900 PSI | 30.0C         | 2,555       | 50,400 PSI |
| Winchester   | 760         | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 26.4           | 2,336       | 37,900 PSI | 29.3C         | 2,590       | 50,400 PSI |
| Winchester   | 748         | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 24.4           | 2,357       | 37,800 PSI | 27.1          | 2,604       | 50,000 PSI |

## BULLET WEIGHT

## 58 GR. HDY V-MAX

## Starting Loads

Maximum  
Loads

| Manufacturer | Powder          |                             | Bullet<br>Diam. | C.O.L  | Grs. | Vel.<br>(ft/s) | Pressure      | Grs. | Vel.<br>(ft/s) | Pressure      |
|--------------|-----------------|-----------------------------|-----------------|--------|------|----------------|---------------|------|----------------|---------------|
| IMR          | IMR 8208<br>XBR | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.085" | 27.9 | 3,057          | 34,700<br>PSI | 31.0 | 3,480          | 51,600<br>PSI |
| IMR          | IMR 3031        | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.085" | 26.1 | 3,007          | 37,600<br>PSI | 29.0 | 3,375          | 51,600<br>PSI |
| Hodgdon      | H322            | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.085" | 26.0 | 3,126          | 39,600<br>PSI | 29.0 | 3,437          | 51,400<br>PSI |
| Hodgdon      | Benchmark       | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.085" | 27.1 | 3,099          | 36,300<br>PSI | 30.2 | 3,480          | 51,600<br>PSI |

## BULLET WEIGHT

## 70 GR. SPR HP

## Starting Loads

Maximum  
Loads

| Manufacturer | Powder    |                             | Bullet<br>Diam. | C.O.L  | Grs. | Vel.<br>(ft/s) | Pressure      | Grs.  | Vel.<br>(ft/s) | Pressure      |
|--------------|-----------|-----------------------------|-----------------|--------|------|----------------|---------------|-------|----------------|---------------|
| Hodgdon      | H4895     | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.090" | 26.6 | 2,885          | 34,600<br>PSI | 29.6C | 3,238          | 49,500<br>PSI |
| Hodgdon      | BL-C(2)   | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.090" | 29.8 | 2,879          | 35,700<br>PSI | 33.1  | 3,198          | 49,500<br>PSI |
| IMR          | IMR 4895  | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.090" | 27.0 | 2,794          | 34,300<br>PSI | 30.0C | 3,142          | 47,300<br>PSI |
| Hodgdon      | CFE 223   | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.090" | 29.7 | 2,888          | 33,700<br>PSI | 33.0  | 3,246          | 47,800<br>PSI |
| Hodgdon      | Benchmark | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.090" | 25.6 | 2,879          | 38,200<br>PSI | 28.5  | 3,190          | 51,600<br>PSI |

|            |                 |                         |        |        | Starting Loads |       |               | Maximum Loads |       |               |
|------------|-----------------|-------------------------|--------|--------|----------------|-------|---------------|---------------|-------|---------------|
| Hodgdon    | LVR             |                         | 0.243" | 2.090" | 30.0           | 2,975 | 34,800<br>PSI | 33.3          | 3,303 | 47,100<br>PSI |
| Hodgdon    | H335            | <a href="#">Buy Now</a> | 0.243" | 2.090" | 27.8           | 2,939 | 37,000<br>PSI | 30.9          | 3,264 | 51,100<br>PSI |
| IMR        | IMR 8208<br>XBR | <a href="#">Buy Now</a> | 0.243" | 2.090" | 27.4           | 2,949 | 35,800<br>PSI | 30.4          | 3,301 | 51,500<br>PSI |
| Winchester | 748             | <a href="#">Buy Now</a> | 0.243" | 2.090" | 28.5           | 2,859 | 35,300<br>PSI | 31.7          | 3,214 | 50,900<br>PSI |

|                |  |  |  |  |  |  |  |  |  |  |
|----------------|--|--|--|--|--|--|--|--|--|--|
| BULLET WEIGHT  |  |  |  |  |  |  |  |  |  |  |
| 80 GR. HDY GMX |  |  |  |  |  |  |  |  |  |  |

|              |          |                         |                 |        | Starting Loads |                |               | Maximum Loads |                |               |
|--------------|----------|-------------------------|-----------------|--------|----------------|----------------|---------------|---------------|----------------|---------------|
| Manufacturer | Powder   |                         | Bullet<br>Diam. | C.O.L  | Grs.           | Vel.<br>(ft/s) | Pressure      | Grs.          | Vel.<br>(ft/s) | Pressure      |
| Hodgdon      | LVR      |                         | 0.243"          | 2.100" | 27.3           | 2,613          | 38,300<br>PSI | 30.3          | 2,968          | 51,300<br>PSI |
| Hodgdon      | Varget   | <a href="#">Buy Now</a> | 0.243"          | 2.100" | 25.1           | 2,503          | 39,400<br>PSI | 27.9C         | 2,796          | 51,000<br>PSI |
| Hodgdon      | H4895    | <a href="#">Buy Now</a> | 0.243"          | 2.100" | 24.5           | 2,571          | 40,300<br>PSI | 27.3C         | 2,860          | 51,600<br>PSI |
| Hodgdon      | BL-C(2)  | <a href="#">Buy Now</a> | 0.243"          | 2.100" | 26.8           | 2,580          | 42,200<br>PSI | 29.8          | 2,825          | 51,300<br>PSI |
| IMR          | IMR 4166 | <a href="#">Buy Now</a> | 0.243"          | 2.100" | 24.8           | 2,480          | 41,000<br>PSI | 27.7C         | 2,765          | 51,700<br>PSI |
| Hodgdon      | CFE 223  | <a href="#">Buy Now</a> | 0.243"          | 2.100" | 27.2           | 2,627          | 38,900<br>PSI | 30.2          | 2,916          | 51,300<br>PSI |
| IMR          | IMR 4064 | <a href="#">Buy Now</a> | 0.243"          | 2.100" | 24.8           | 2,476          | 40,800<br>PSI | 27.6C         | 2,765          | 50,700<br>PSI |

|            |              |                         |        |        | Starting Loads |       |            | Maximum Loads |       |            |
|------------|--------------|-------------------------|--------|--------|----------------|-------|------------|---------------|-------|------------|
| IMR        | IMR 8208 XBR | <a href="#">Buy Now</a> | 0.243" | 2.100" | 24.4           | 2,536 | 39,100 PSI | 27.2          | 2,856 | 51,600 PSI |
| Winchester | 748          | <a href="#">Buy Now</a> | 0.243" | 2.100" | 25.7           | 2,560 | 40,300 PSI | 28.6          | 2,845 | 51,300 PSI |
| IMR        | IMR 4895     | <a href="#">Buy Now</a> | 0.243" | 2.100" | 25.0           | 2,503 | 41,000 PSI | 27.8C         | 2,800 | 51,500 PSI |

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| BULLET WEIGHT      |
| 88 GR. BER VARMINT |

|              |          |                         |              |        | Starting Loads |             |            | Maximum Loads |             |            |
|--------------|----------|-------------------------|--------------|--------|----------------|-------------|------------|---------------|-------------|------------|
| Manufacturer | Powder   |                         | Bullet Diam. | C.O.L  | Grs.           | Vel. (ft/s) | Pressure   | Grs.          | Vel. (ft/s) | Pressure   |
| Hodgdon      | BL-C(2)  | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 27.5           | 2,612       | 38,500 PSI | 30.6          | 2,889       | 51,700 PSI |
| IMR          | IMR 4166 | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 24.8           | 2,520       | 39,600 PSI | 27.8C         | 2,802       | 51,800 PSI |
| Hodgdon      | CFE 223  | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 28.2           | 2,706       | 38,600 PSI | 31.3          | 2,993       | 51,600 PSI |
| IMR          | IMR 4064 | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 25.0           | 2,513       | 37,400 PSI | 27.9C         | 2,821       | 51,400 PSI |
| Hodgdon      | LVR      |                         | 0.243"       | 2.260" | 27.5           | 2,678       | 37,800 PSI | 30.6          | 2,957       | 51,300 PSI |
| Hodgdon      | Varget   | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 25.3           | 2,552       | 38,000 PSI | 28.1          | 2,835       | 51,700 PSI |
| Winchester   | 748      | <a href="#">Buy Now</a> | 0.243"       | 2.260" | 26.7           | 2,614       | 37,300 PSI | 29.7          | 2,901       | 50,700 PSI |

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| BULLET WEIGHT |
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95 GR. SIE TMK

Starting Loads

Maximum  
Loads

| Manufacturer Powder |            |                             | Bullet<br>Diam. | C.O.L  |
|---------------------|------------|-----------------------------|-----------------|--------|
| Hodgdon             | LVR        |                             | 0.243"          | 2.260" |
| Winchester          | 760        | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.260" |
| Hodgdon             | BL-C(2)    | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.260" |
| Hodgdon             | CFE<br>223 | <a href="#">Buy<br/>Now</a> | 0.243"          | 2.260" |

| Grs. | Vel.<br>(ft/s) | Pressure      |
|------|----------------|---------------|
| 26.8 | 2,606          | 37,400<br>PSI |
| 27.5 | 2,467          | 35,800<br>PSI |
| 27.1 | 2,567          | 39,100<br>PSI |
| 27.3 | 2,591          | 35,900<br>PSI |

| Grs.  | Vel.<br>(ft/s) | Pressure      |
|-------|----------------|---------------|
| 29.8  | 2,900          | 51,700<br>PSI |
| 30.7C | 2,770          | 51,000<br>PSI |
| 30.2  | 2,839          | 51,800<br>PSI |
| 30.4  | 2,912          | 51,700<br>PSI |