

223 Remington

Firearm Used: Universal Receiver
Barrel Length: 24"
Case: Winchester

Trim-to Length: 1.750"
Primer: Winchester WSR

#1396 .223" 95 gr. HPBT
C.O.A.L. 2.440" *



6.5" TWIST
OR FASTER

| Powder↓ / Velocity → | 2100 | 2200 | 2300 | 2350 | 2400 | 2450 |
|----------------------|------------|-------------|-------------|-------------|-------------|-------------|
| Power Pro Varmint | 18.3 | 19.3 | 20.2 | 20.7 | | |
| TAC | 18.1 | 19.2 | 20.2 | 20.7 | 21.2 | |
| H4895 | 17.9 | 18.8 | 19.8 | | | |
| AA 2520 | 19.0 | 20.0 | 20.9 | 21.4 | 21.9 | 22.3 |
| Varget | 18.2 | 19.1 | 20.0 | | | |
| IMR 4064 | 18.9 | 19.7 | 20.6 | | | |
| XMR 2495 | 18.3 | 19.2 | 20.2 | | | |
| RE 15 | 18.7 | 19.6 | 20.5 | 21.0 | | |
| CFE 223 | | 20.5 | 21.3 | 21.8 | 22.2 | |
| Power Pro 2000 MR | 20.0 | 20.9 | 21.9 | 22.4 | 22.8 | 23.3 |
| Big Game | | 21.4 | 22.5 | 23.0 | 23.5 | 24.1 |
| N540 | 19.1 | 20.0 | 20.9 | | | |
| RL 17 | 20.3 | 21.2 | 22.0 | 22.5 | 22.9 | |
| Energy/ft.lbs | 930 | 1021 | 1116 | 1165 | 1215 | 1266 |

*Note: Longer C.O.A.L. than SAAMI.

22-250 Remington

Firearm Used: Universal Receiver
Barrel Length: 24"
Case: Winchester

Trim-to Length: 1.900"
Primer: Winchester WLR

#1396 .223" 95 gr. HPBT
C.O.A.L. 2.635" *



6.5" TWIST
OR FASTER

| Powder↓ / Velocity → | 2700 | 2800 | 2900 | 2950 | 3000 | 3050 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| RE 16 | 29.4 | 30.9 | 32.4 | 33.1 | | |
| IMR 4350 | 30.4 | 31.7 | | | | |
| IMR 4451 End. | 30.3 | 31.6 | 33.0 | | | |
| H4350 | 29.2 | 30.8 | 32.5 | | | |
| Hybrid 100V | 29.7 | 31.1 | 32.6 | | | |
| RE 19 | 31.5 | 33.0 | 34.5 | 35.3 | 36.0 | |
| H4831sc | 31.0 | 32.6 | 34.3 | | | |
| Superformance | 32.0 | 33.4 | 34.9 | 35.7 | 36.4 | 37.1 |
| N560 | 32.7 | 34.0 | 35.4 | 36.1 | | |
| RE 22 | 31.2 | 32.7 | 34.1 | 34.9 | | |
| IMR 7828ssc | 33.0 | 34.2 | 35.4 | 36.0 | | |
| RE23 | 30.4 | 32.0 | 33.6 | 34.4 | | |
| Magnum | 37.1 | 38.9 | | | | |
| H1000 | 33.9 | 35.4 | 36.9 | 37.6 | | |
| RE 26 | | 34.1 | 35.6 | 36.4 | 37.1 | 37.8 |
| Energy/ft.lbs | 1538 | 1654 | 1774 | 1835 | 1898 | 1962 |

*Note: Longer C.O.A.L. than SAAMI.

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

INDICATES MAXIMUM LOAD - USE CAUTION

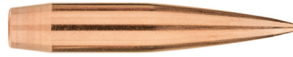
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 x 284 Norma

Firearm Used: Universal Receiver
Barrel Length: 24"
Case: Nosler

Trim-to Length: 2.160"
Primer: Winchester WLR

#1755 .264" 150 gr. HPBT
 C.O.A.L. 2.980"



**7.5" TWIST
 OR FASTER**

| Powder↓ / Velocity → | 2500 | 2600 | 2700 | 2800 | 2850 | 2875 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| RE 19 | | 43.9 | 46.7 | | | |
| H4831sc | 43.7 | 46.1 | 48.5 | | | |
| IMR 4955 End. | 43.4 | 45.4 | | | | |
| N560 | 43.9 | 46.4 | 48.9 | | | |
| IMR 7828ssc | 45.2 | 47.2 | 49.1 | | | |
| RE23 | 42.2 | 44.5 | 46.9 | 49.2 | | |
| IMR 7977 End. | 47.6 | 49.6 | 51.7 | 53.7 | | |
| Magnum | | 51.9 | 54.0 | 56.1 | 57.1 | 57.7 |
| H1000 | | 47.9 | 50.2 | 52.5 | | |
| RE 25 | | 47.1 | 50.2 | 53.3 | | |
| Retumbo | | 48.7 | 51.0 | 53.3 | 54.4 | 55.0 |
| RE 26 | | 46.4 | 48.7 | 51.0 | 52.2 | 52.8 |
| Energy/ft.lbs | 2081 | 2251 | 2428 | 2611 | 2705 | 2753 |

308 Winchester

Firearm Used: Universal Receiver
Barrel Length: 24"
Case: Winchester

Trim-to Length: 2.005"
Primer: Winchester WLR

#2231 .308" 200 gr. HPBT
 C.O.A.L. 3.150" *



**9" TWIST
 OR FASTER**

| Powder↓ / Velocity → | 2200 | 2300 | 2400 | 2450 | 2500 | 2550 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| XMR 2495 | 37.1 | 38.6 | 40.2 | 41.0 | 41.8 | |
| H4895 | 35.7 | 37.5 | 39.2 | 40.1 | | |
| Varget | | 38.5 | 40.5 | 41.4 | 42.4 | |
| IMR 4895 | 35.3 | 37.7 | 40.1 | 41.4 | | |
| AR Comp | 35.5 | 37.4 | 39.3 | 40.2 | | |
| IMR 4064 | 37.0 | 38.7 | 40.4 | 41.2 | | |
| RE 15 | | 39.1 | 41.0 | 41.9 | 42.8 | 43.7 |
| RE 16 | | | 44.1 | 45.3 | 46.4 | 47.6 |
| N140 | | 39.6 | 41.5 | 42.5 | | |
| IMR 4350 | | 43.5 | 45.6 | 46.7 | 47.7 | |
| IMR 4451 End. | | 42.6 | 44.9 | 46.1 | 47.3 | 48.4 |
| H4350 | | | 44.5 | 45.6 | 46.8 | 47.9 |
| N540 | 38.0 | 39.7 | 41.3 | 42.1 | 42.9 | 43.8 |
| Energy/ft.lbs | 2149 | 2349 | 2558 | 2665 | 2775 | 2887 |

*Note: Longer C.O.A.L. than SAAMI.

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

INDICATES MAXIMUM LOAD - USE CAUTION

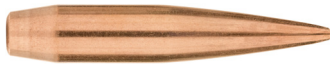
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

308 Winchester

Firearm Used: Universal Receiver
Barrel Length: 24"
Case: Winchester

Trim-to Length: 2.005"
Primer: Winchester WLR

#2251 .308" 230 gr.
C.O.A.L. 3.200" *



**8" TWIST
OR FASTER**

| Powder↓ / Velocity → | 2050 | 2150 | 2200 | 2275 | 2300 | 2350 | 2375 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Hybrid 100V | | 40.1 | 41.0 | 42.5 | 42.9 | 43.9 | 44.4 |
| Varget | 35.1 | 37.1 | 38.1 | 39.6 | | | |
| RE 15 | | 37.4 | 38.3 | 39.8 | 40.3 | | |
| RE 16 | | 40.4 | 41.4 | 42.9 | 43.4 | | |
| N140 | 36.2 | 38.3 | 39.3 | 40.8 | | | |
| IMR 4350 | | 41.6 | 42.6 | 44.1 | 44.6 | | |
| IMR 4451 End. | | 41.0 | 42.1 | 43.7 | 44.3 | | |
| H4350 | | 39.9 | 41.1 | 42.9 | 43.5 | 44.7 | |
| N540 | 36.2 | 38.0 | 39.0 | 40.4 | 40.8 | | |
| Xmr 4350 | | 42.2 | 43.3 | 44.9 | | | |
| Energy/ft.lbs | 2146 | 2360 | 2471 | 2643 | 2701 | 2820 | 2880 |

*Note: Longer C.O.A.L. than SAAMI.

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.



300 Winchester Magnum

Firearm Used: Universal Receiver
Barrel Length: 24"
Case: Hornady

Trim-to Length: 2.610"
Primer: Winchester WLRM

#2165 .308" 200 gr. SBT
C.O.A.L. 3.340"



#2230 .308" 200 gr. HPBT
C.O.A.L. 3.340"



#2231 .308" 200 gr. HPBT
C.O.A.L. 3.700" *



**9" TWIST
OR FASTER**

| Powder↓ / Velocity → | 2600 | 2700 | 2800 | 2850 | 2900 | 2950 | 2975 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| RE 16 | 62.0 | 64.7 | 67.3 | 68.6 | | | |
| H4350 | 60.6 | 63.0 | 65.5 | 66.7 | 67.9 | | |
| Hybrid 100V | 60.9 | 63.2 | 65.6 | 66.8 | | | |
| Hunter | 63.5 | 65.8 | 68.0 | 69.1 | | | |
| H4831sc | 64.1 | 66.7 | 69.3 | 70.6 | 71.9 | | |
| IMR 4955 End. | 64.6 | 66.8 | 68.9 | 70.0 | | | |
| N560 | 66.7 | 68.9 | 71.1 | 72.2 | 73.3 | 74.4 | |
| RE 22 | 64.5 | 66.6 | 68.8 | 69.8 | 70.9 | 71.9 | 72.5 |
| IMR 7828ssc | 67.0 | 69.1 | 71.2 | 72.3 | 73.3 | | |
| RE23 | 65.2 | 67.7 | 70.1 | 71.3 | 72.6 | 73.8 | |
| IMR 7977 End. | 69.6 | 72.2 | 74.7 | 76.0 | 77.3 | 78.6 | |
| Magnum | | 73.5 | 76.9 | 78.6 | 80.3 | 82.0 | 82.8 |
| H1000 | | 70.2 | 73.4 | 75.0 | 76.7 | 78.3 | 79.1 |
| Retumbo | 73.1 | 75.5 | 77.9 | 79.2 | 80.4 | | |
| RE 26 | 66.8 | 68.9 | 71.1 | 72.1 | 73.2 | 74.2 | 74.8 |
| Energy/ft.lbs | 3002 | 3237 | 3481 | 3607 | 3734 | 3864 | 3930 |

*Note: Longer C.O.A.L. than SAAMI.

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.



300 Winchester Magnum

Firearm Used: Universal Receiver

Trim-to Length: 2.610"

Barrel Length: 24"

Primer: Winchester WLRM

Case: Hornady

#2251 .308" 230 gr.
C.O.A.L. 3.740" ***8" TWIST
OR FASTER**

| Powder↓ / Velocity → | 2500 | 2600 | 2650 | 2700 | 2750 | 2800 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Hybrid 100V | 58.6 | 61.3 | 62.7 | | | |
| H4831sc | 63.9 | 66.8 | 68.3 | 69.7 | | |
| IMR 4955 End. | 62.2 | 64.7 | 66.0 | | | |
| N560 | 66.2 | 68.9 | 70.3 | 71.6 | | |
| RE 22 | | 65.6 | 67.5 | 69.4 | | |
| IMR 7828ssc | 65.7 | 68.2 | 69.5 | 70.8 | | |
| RE23 | 63.4 | 66.4 | 67.9 | 69.4 | | |
| IMR 7977 End. | 69.4 | 71.7 | 72.8 | 74.0 | | |
| Magnum | 72.2 | 74.9 | 76.2 | 77.6 | 78.9 | |
| H1000 | 68.3 | 71.0 | 72.3 | 73.6 | | |
| Retumbo | 69.4 | 71.9 | 73.2 | 74.4 | 75.7 | 77.0 |
| RE 26 | 66.3 | 68.8 | 70.0 | 71.2 | 72.5 | |
| Energy/ft.lbs | 3191 | 3452 | 3586 | 3722 | 3862 | 4003 |

*Note: Longer C.O.A.L. than SAAMI.

INDICATES MAXIMUM LOAD - USE CAUTION**LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.**