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|---------------|-----------------|-------------|-------|---------|---|
| Bullet Index: | Load Notes For: | Primer | Twist | Min FPS | Bullet Notes: |
| 31-210H | 303 British | Large Rifle | 10 | 972 | Loads calculated to the SMLE proof stamp of "18.5 Tonnes □" or 40.7K PSI. |

| Pressure Data Generated for Min OAL | Cartridge Data | | | | | | | Bullet Data | | | | | | | | | | |
|-------------------------------------|----------------|-------|---------------|--------|-------|-----------------|------|-------------|------------|-----|----------------|-----|--------|---------|------------|------|-------------|---------|
| | Brass Length | | Cartridge OAL | | | Pressure Limits | | Top Band | Wgt (grns) | | Length w/draft | | Nose | | Ballistics | | Gas Check # | |
| | Min | Max | Min | Design | Max | NMP | Pmax | | GC | PB | GC | PB | length | Adjusts | BC | SD | Gator | Hornady |
| | 2.202 | 2.222 | 2.927 | 2.960 | 3.075 | 36.2 | 40.7 | .314 | 208 | N/A | 1.079 | N/A | .737 | .012 | .299 | .299 | 208284 | 7070 |

Barrel Groove Diameter must be within .003" of bullet's Top Band Diameter for data to be valid!

| | | | | | | |
|--|-----|------|-----|------|--|--|
| This data is based on a 22" barrel. Pressure does not change, only velocity! | | | | | | |
| Barrel Length (inches) | 16 | 18.0 | 20 | 24 | | |
| Velocity Adjustment (%) Estimate | 92% | 95% | 98% | 102% | | |

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|-------------|
| Load Notes: |
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|-----------|----------|
| Revision: | 0 |
| Date: | 07/24/16 |

Notes for NOE's and RDO's use only! ~ Any other use is at your own risk! ~ Start loads at least 10% below Max!

[Read Pressure Notes for alloy treatment and pressure selections!](#)

Minimum Barrel Length is based on the referenced powder's ability to burn at least 90% of the charge before the bullet leaves the muzzle.

| Powder | Min Barrel | Pmax | | | | |
|------------------------|------------|--------|--------|--------|------|------|
| | Length | Grains | Case % | Burn % | FPS | KPSI |
| Accurate 2700 | 18 | 43.0 | 90 | 93 | 2149 | 40.7 |
| Accurate 4064 | 16 | 40.5 | 90 | 100 | 2229 | 40.7 |
| Accurate 4350 | 16 | 45.1 | 98 | 97 | 2284 | 40.7 |
| Alliant Reloder-15 | 16 | 39.9 | 87 | 98 | 2230 | 40.7 |
| Alliant Reloder-17 | 16 | 44.9 | 93 | 99 | 2312 | 40.7 |
| Alliant Reloder-19 | 20 | 46.7 | 102 | 91 | 2254 | 40.7 |
| Alliant Reloder-22 | 22 | 48.6 | 105 | 90 | 2246 | 38.2 |
| Hodgdon H380 | 16 | 41.7 | 89 | 97 | 2224 | 40.7 |
| Hodgdon H414 | 16 | 44.8 | 92 | 94 | 2268 | 40.7 |
| Hodgdon H4350 | 18 | 44.1 | 98 | 93 | 2209 | 40.7 |
| Hodgdon Hybrid 100V | 16 | 44.5 | 100 | 99 | 2254 | 40.7 |
| Hodgdon VARGET | 16 | 39.4 | 89 | 98 | 2193 | 40.7 |
| IMR 3031 | 16 | 37.2 | 87 | 100 | 2227 | 40.7 |
| IMR 4007 SSC | 18 | 41.8 | 90 | 93 | 2186 | 40.7 |
| IMR 4064 | 16 | 38.7 | 89 | 98 | 2189 | 40.7 |
| IMR 4320 | 16 | 40.0 | 89 | 98 | 2218 | 40.7 |
| IMR 4350 | 18 | 44.0 | 96 | 93 | 2209 | 40.7 |
| IMR 4831 | 16 | 45.2 | 103 | 97 | 2266 | 40.7 |
| IMR 4895 | 16 | 39.6 | 86 | 98 | 2239 | 40.7 |
| Norma 203B | 16 | 40.2 | 88 | 98 | 2232 | 40.7 |
| Norma 204 | 22 | 45.7 | 97 | 91 | 2234 | 40.7 |
| Norma MRP | 18 | 50.2 | 105 | 93 | 2315 | 40.2 |
| Norma URP | 16 | 44.3 | 98 | 97 | 2274 | 40.7 |
| Ramshot Big Game | 16 | 42.7 | 87 | 98 | 2253 | 40.7 |
| Ramshot Hunter | 16 | 46.4 | 98 | 95 | 2275 | 40.7 |
| Vihtavuori N135 | 16 | 38.4 | 92 | 100 | 2184 | 40.7 |
| Vihtavuori N140 | 16 | 38.7 | 86 | 100 | 2177 | 40.7 |
| Vihtavuori N150 | 16 | 41.7 | 96 | 99 | 2200 | 40.7 |
| Vihtavuori N540 | 16 | 40.1 | 87 | 100 | 2199 | 40.7 |
| Vihtavuori N550 | 16 | 44.3 | 95 | 97 | 2270 | 40.7 |
| Winchester 760 | 16 | 44.8 | 92 | 94 | 2268 | 40.7 |
| Winchester Supreme 780 | 22 | 49.0 | 101 | 91 | 2220 | 40.7 |