Maximum Average Pressure (MAP)* = 65,000 psi

Crusher pressures not established.

* Refer to American National Standard SAAMI Z299.4 for pressure guideline interpretation description.

Instrumental Velocity**: 140-gr @ 3,075 fps

(** - Based on a 24” SAAMI-compliant test barrel)

ISSUED: 09/23/2020 6.5 WEATHERBY REBATED PRECISION MAGNUM [6.5 WBY RPM] REvised: -/-/-/- -

CARTRIDGE
UNLESS OTHERWISE NOTED
BODY DIA. - .008 (0.20)

CHAMBER
UNLESS OTHERWISE NOTED
ALL DIA +.002 (0.05)
LENGTH TOL. +.015 (0.38)

Δ 4 GROOVES
Δ .147+.002 (3.73+0.05) WIDE
TWIST: 8.00 (203.2) R.H. OPT.
MIN. BORE & GROOVE AREA:
.0539 in² (34.774 mm²)

NOTE:
B = BASIC
Δ = REFERENCE DIMENSION
* = DIMENSIONS ARE TO INTERSECTION OF LINES
ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)
(1) – BULLET PROFILE IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

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**6.5 WEATHERBY REBATED PRECISION MAGNUM [6.5 WBY RPM]**

**V&P Test Barrel**

**NUMBER OF GROOVES:** 4

**WIDTH OF GROOVES:** .147 ± .002 (3.73 ± 0.05)

**TWIST RATE:** 8.00 (203.2) RH

**DIAMETER OF PISTON HOLE:** Crusher pressures not established.

**TRANSUDER DIAMETER:** .250 (6.35)

**LAND AND GROOVE DIMENSIONS TO BE WITHIN TOLERANCES THROUGHOUT LENGTH OF BARREL.**

UNLESS OTHERWISE NOTED, ALL DIAMETERS +.0005 (0.013)  
LENGTH TOLERANCE + .005 (0.13)

**NOTE:**

B = BASIC  
Δ = REFERENCE DIMENSION  
⊗ = HEADSPACE DIMENSION  
* DIMENSIONS ARE TO INTERSECTIONS OF LINES  
(XX.XX) = MILLIMETERS  
ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)