

NOTE: Only revised/updated information appears on this notice. Unless modified here, all other data appearing in the appropriate American National Standard SAAMI Z299.4 remain applicable.

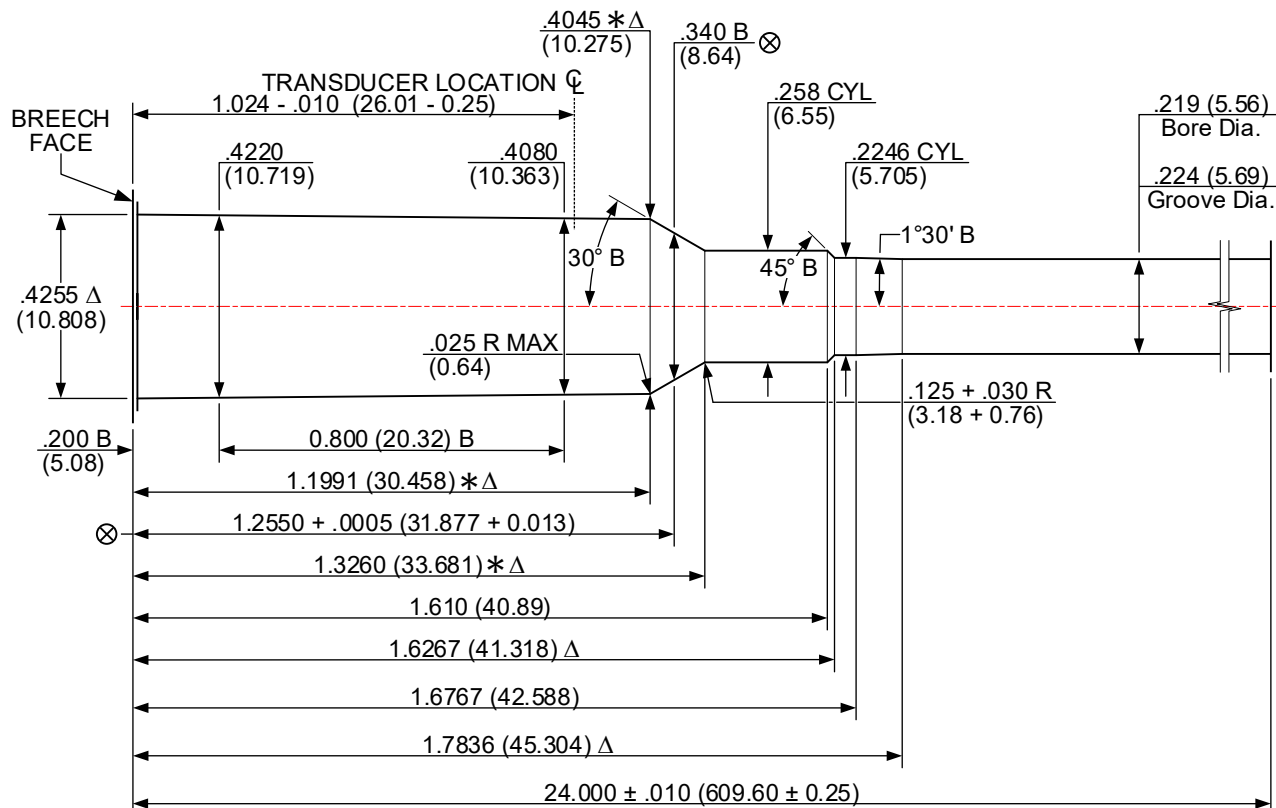
VELOCITY & PRESSURE TEST BARREL

224 VALKYRIE [224 VLK]

ISSUED: 01/22/2018

V&P TEST BARREL

REVISED: 11/18/2025



NUMBER OF GROOVES: 6

WIDTH OF GROOVES: .074 + .002 (1.88 + 0.05)

TWIST RATE: 7.00 (177.8) R.H.

DIAMETER OF PISTON HOLE: Crusher pressures not established

TRANSDUCER 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)

DO NOT SCALE FROM DRAWING

NOTES:

B = BASIC

Δ = REFERENCE DIMENSION

⊗ = HEADSPACE DIMENSION

* DIMENSIONS ARE TO INTERSECTIONS OF LINES

(XX.XX) = MILLIMETERS

ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)

¹ This drawing corrects the metric length to the transducer centerline location from (47.57) to (26.01)