

## GRAND NATIONAL III CALIPER

### Caliper Highlights:

**High strength, low deflection, and superior stopping power.** Each GN III is manufactured from a precision casting using a tight grained, high-density aircraft alloy. It is a two piece, closed bridge design with grade 8 thru-bolts and external stiffening ribs. The GN III utilizes a unique six-piston configuration that generates high clamping force with balanced loading for extremely even pad wear. The 1.75" / 1.38" / 1.38" bore pattern contains a total of 5.44 square inches of effective piston clamp area. This makes the GN III one of the largest calipers available. The caliper bridges are fitted with stainless steel plates to reduce wear and provide the smoothest pad operation. Dual center bridge bolts add to the overall caliper strength and provide positive retention for the top loaded pads. Dollar for dollar, this combination is unmatched for high strength, low deflection, and superior stopping power.



GN III Caliper

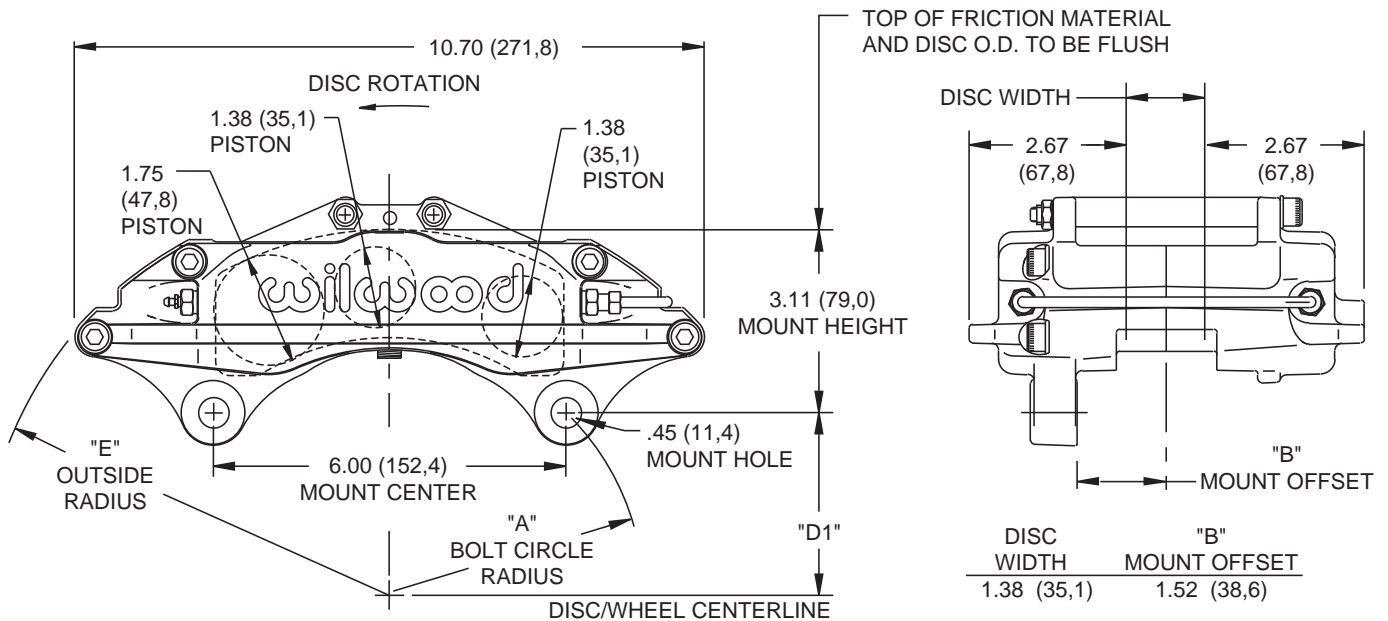
- High strength, precision machined high-density alloy
- Dual bridge bolt design for increased stiffness and strength
- Stainless steel pistons are utilized for their slow heat transfer properties and high corrosion resistance
- Optional Thermlock<sup>®</sup> pistons are available with high temperature seals for maximum heat protection and reliability
- .80" thick type 7520 pads available in seven compounds are easily serviced from the top without caliper removal

Wilwood's GN III is a time proven caliper that has been widely used with 5 on 5 hubs for stock car, road course, and off-road competition. The 6.00" mount configuration incorporates this legacy of enduring performance, with options available for the latest brake system heat management technology.

### ORDERING INFORMATION, 6 PISTON:

<u>Part Number</u>	<u>Caliper</u>	<u>Pad Thickness</u>	<u>Piston Size</u>	<u>Disc Width</u>	<u>Orientation</u>	<u>Finish</u>
120-3030-RS	GN III	.80"	1.75/1.38/1.38"	1.38"	Right Hand	Black Anodized
120-3031-RS	GN III	.80"	1.75/1.38/1.38"	1.38"	Left Hand	Black Anodized

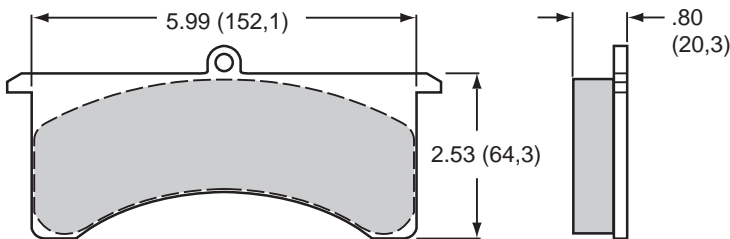
### GN III CALIPER, MOUNTING DIMENSIONS:



DIMENSION "D1" = (DISC DIAMETER/2) - 3.11 (79,0)  
 CALIPER MATERIAL: 6061-T6 ALUMINUM  
 RIGHT HAND, REAR MOUNT CALIPER SHOWN  
 INLET FITTING: 1/8-27 NPT

DISC DIAMETER	"A" BOLT CIRCLE RADIUS	"E" OUTSIDE RADIUS
12.19 (309,6)	4.23 (107,4)	6.92 (175,8)
12.72 (323,1)	4.42 (112,3)	7.10 (180,3)
13.00 (330,2)	4.53 (115,1)	7.19 (182,6)

### GN III CALIPER, TYPE 7520 PAD DIMENSIONS AND ORDERING INFORMATION:



AXLE SET PART NO.	PAD TYPE/COMPOUND
15A - 5736K*	7520 A PolyMatrix
15B - 3993K*	7520 B PolyMatrix
15E - 6101K	7520 E PolyMatrix
15Q - 6879K	7520 Q PolyMatrix
150 - 9417K	7520 20 BP-20 SmartPad
150 - 12005K	7520 30 BP-30 SmartPad
150 - 12246K*	7520 40 BP-40 SmartPad

\*These pads are available bedded-in. Add -B to end of part number when ordering.

### THERMLOCK PISTONS (OPTIONALLY AVAILABLE):

Wilwood's exclusive Thermlock® Pistons provide the most effective thermal barrier available for minimizing heat transfer from the brake pads to the caliper body, seals, and fluid. This innovative multi-part design incorporates a stainless steel shield and coated aluminum shell configuration that effectively retards heat transfer by 25% or more. Lower operating temperatures translate to the elimination of seal crystallization, the elimination of localized fluid boiling, and longer service life through decreased distortion in the caliper body and piston bores. This technology was originally developed for the extreme temperatures and sustained high heat realized in NASCAR and professional category road racing. The applications now cover all the popular Wilwood calipers used for extreme duty short track and road course competition.

