



DYNAPRO LUG MOUNT CALIPER WITH DUST BOOTS

Caliper Highlights:

This model of the **Dynapro** lug mount caliper was developed for applications that require or prefer a dust-booted piston. Dust-booted aluminum pistons provide added protection against road or track born dirt and debris on low to intermediate temperature range applications that may also operate in harsh environments. The pistons are clear anodized to eliminate corrosion while providing added lubricity for drag-free operation within the bores. The dust boots work in conjunction with high-temperature square faced internal seals in the caliper bores to provide optimum performance, ultimate reliability, and quick turn around at pad service intervals.



■ Black Powder ■ Red ■ Polished

The strength and performance of the **DynaPro** caliper are a combination of process and design. The caliper bodies are stress-flow forged from premium grade billet aluminum. Stress-flow forging realigns the grain structure of the metal within the shape and contour of the caliper body. This process produces a part with superior strength over parts simply machined from straight-grained blocks of billet. The body design in itself is a product of computer generated modeling and stress analysis technology. It features a highly fortified radial transition between the caliper end bridges and the main body piston bore housings. The radial transition eliminates all sharply machined steps and shoulders in this critical area to substantially increase resistance to deflection and caliper body separation under load. Structural deflection and volume displacement testing have proven the efficiency of this innovative design. Reductions in overall deflection, and the subsequent decreases in fluid volume displacement, translate to increased clamping efficiency with less pedal travel. The bottom line is a firm, responsive pedal with outstanding stopping power.

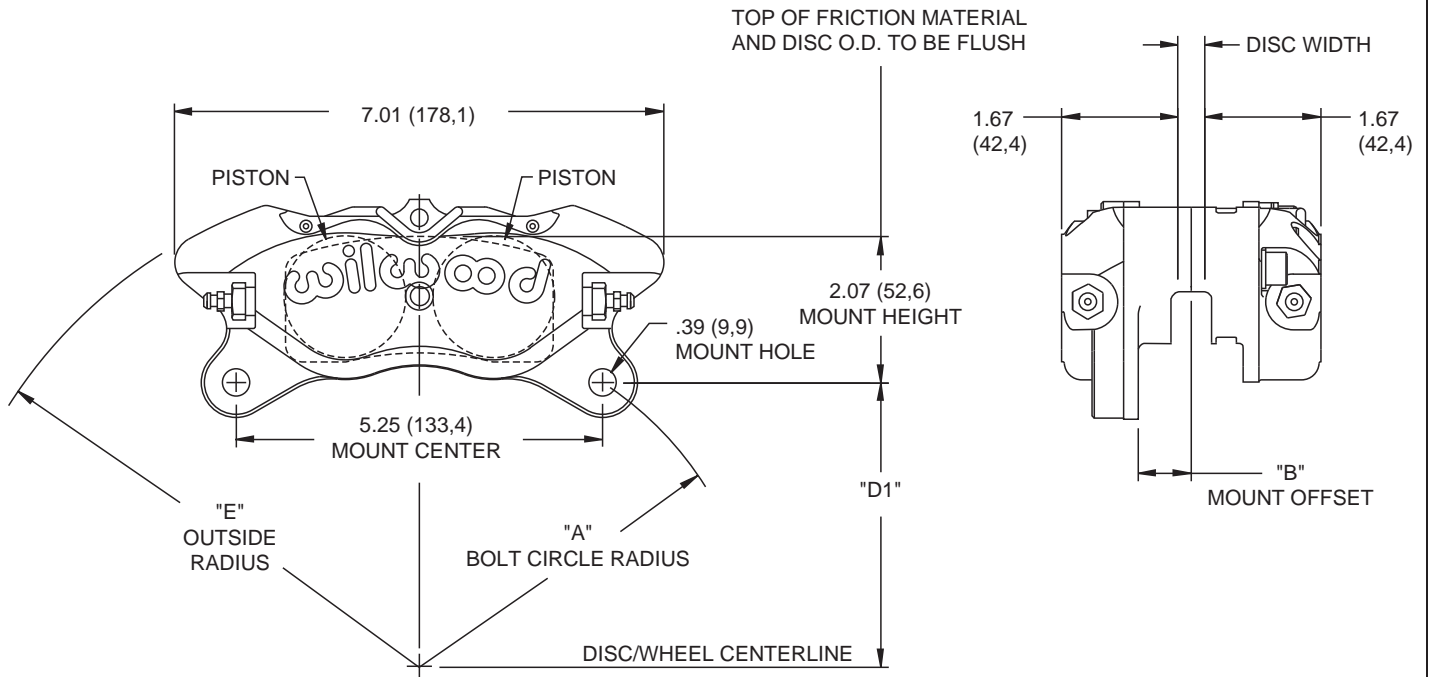
The **DynaPro** is loaded with other enhancements for performance and durability. The calipers feature Quick-E-Clip pad retainers that support a 7812 type brake pad from the top. Not only does it allow for fast pad service without caliper removal, the bottom pad supports have been removed to create a slimmer profile that can be more easily fitted into tight clearance applications. An optional bridge bolt kit, P/N 230-10188 is also available to provide additional body strength and fortified pad retention in the center of the caliper bridge for extreme high pressure, high load applications.

Each **DynaPro** is also fitted with stainless SRS bridge plates. SRS plates eliminate the abutment bridge wear caused by pad gouging to extend the service life of the caliper body. The spring-loading action of the SRS plates also eliminates pad rattle and dampens the vibration harmonics that can contribute to pad squeal and other harsh noise during engagement. The caliper is completed with internal fluid passages and four corner bleed screws that facilitate installation in any right or left hand, leading or trailing mounting position. The calipers are then finished with either our brake fluid resistant powder coated colors, or fully polished and branded with our Wilwood signature logo.

ORDERING INFORMATION:

<u>BORE SIZE</u>		<u>DISC WIDTH</u>		<u>BLACK</u> <u>PART NUMBER</u>	<u>RED</u> <u>PART NUMBER</u>	<u>POLISHED</u> <u>PART NUMBER</u>
1.75"	44,5 mm	.81"	20,6 mm	120-11482	120-11482-RD	120-11482-P
1.38"	35,1 mm	.81"	20,6 mm	120-11481	120-11481-RD	120-11481-P

DYNAPRO CALIPER, MOUNTING DIMENSIONS:



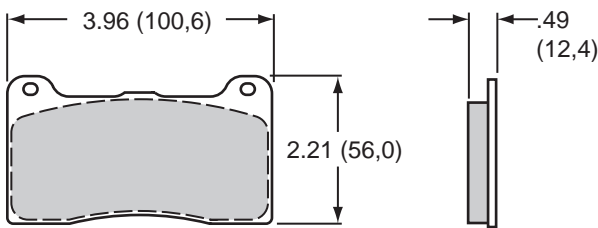
DIMENSION "D1" =
(DISC DIAMETER/2) - 2.07 (52,6)

INLET FITTING: 1/8-27 NPT

DISC DIAMETER	"A" BOLT CIRCLE RADIUS	"E" OUTSIDE RADIUS
10.00 (254,0)	3.93 (99,8)	6.02 (152,9)
10.50 (266,7)	4.12 (104,6)	6.23 (158,2)
10.75 (273,1)	4.22 (107,2)	6.34 (161,0)
11.00 (279,4)	4.32 (109,7)	6.44 (163,6)
11.44 (290,6)	4.50 (114,3)	6.63 (168,4)
11.75 (298,5)	4.63 (117,6)	6.76 (171,7)
12.19 (309,6)	4.81 (122,2)	6.97 (177,0)

DISC WIDTH	"B" MOUNT OFFSET
.38 (9,7)	.76 (19,3)
.50 (12,7)	.82 (20,8)
.81 (20,6)	.98 (24,9)
1.00 (25,4)	1.08 (27,4)
1.25 (31,8)	1.20 (30,5)

DYNAPRO CALIPER, TYPE 7812 PAD DIMENSIONS AND ORDERING INFORMATION:



AXLE SET P/N	PAD TYPE / COMPOUND
15A - 9835K	7812 A PolyMatrix
15B - 9836K	7812 B PolyMatrix
15E - 9837K	7812 E PolyMatrix
15H - 10644K	7812 H PolyMatrix
15Q - 10385K	7812 Q PolyMatrix
150 - 9136K	7812 10 BP-10 Smart Pad
150 - 9418K	7812 20 BP-20 Smart Pad
150 - 10020K	7812 CMFor Titanium Rotor

ORDERING INFORMATION, USER SERVICEABLE COMPONENTS:

CALIPER PART NO.	PISTON	DUST BOOT	SQ RING (4 PK)	BLEED SCREW KIT (4 PK)	BODY SEAL (EA)	BRIDGE WEAR PLATE (EA)	PAD RETAINER CLIP PIN (EA)
120-11481	200-11483 (1.38")	210-7210	130-2658	220-0627	210-2582	300-5875	300-9636
120-11482	200-11484 (1.75")	210-7210	130-2655	220-0627	210-2582	300-5875	300-9636