



DYNAPRO FORGED BILLET RADIAL MOUNT CALIPERS

Caliper Highlights:

DynaPro four piston radial mount calipers combine pure race technology with a new generation of Wilwood performance enhancements. The DynaPro combines the versatility of radial mounting with a sleek profile, superior strength, and extreme durability in adverse conditions. With an overall weight as light as 3.58 pounds, the DynaPro has become a favored choice for a broad range of sports, rally, and off-road driving applications.

The strength of the DynaPro is a combination of process and design. The process of stress-flow forging re-aligns the internal grain structure of the metal to flow within the contour of the caliper body. This produces a part with superior strength over machined block billet parts or castings. The FEA generated body design features a radial transition between the piston bores and caliper bridges. This eliminates machined steps and shoulders in this critical strength area and substantially increases the resistance against deflection and body separation under high load. Structural deflection and volume displacement testing have proven the efficiency of this innovative design. The bottom line is a firm pedal with outstanding stopping power.



Black Red

The DynaPro is available in four configurations. Standard calipers for rotors up to 12.19" feature dust-booted aluminum pistons for maximum protection against track or road born debris in low to intermediate temperature applications. A long radius version is available to accommodate rotors up to 13.00". Competition models use heavy wall stainless pistons to provide addition protection against corrosion and heat transfer from the pads. All DynaPro calipers can also be optioned with Thermlock pistons for maximum thermal protection in sustained high-heat applications. Optional side inlet calipers are available to simplify plumbing with inboard mounted brakes on live axles and independent suspension rears.

DynaPro calipers use type 7816 pads that are supported from the top by Quick-Clip pad retainers. Quick-Clips allow fast access to the pads for service without the need to dismount the caliper. The Quick-Clip design also allows additional inside radial clearance between the caliper body and the lug hub by eliminating the bottom pad support feet found on other caliper models. Side inlet DynaPros use additionally fortified bridge bolts in place of the Quick-Clips for the ultimate in secure pad retention within high load environments on sprint cars and other extreme duty applications.

The DynaPro incorporates other exclusive Wilwood performance enhancements. Stainless SRS bridge plates eliminate caliper bridge wear from pad gouging while dampening noise and vibration during engagement. Internal fluid passages eliminate the need for external crossover tubes and four corner bleed screws allow effective gas evacuation regardless of mounting location.

CALIPER ORDERING INFORMATION, DPR W/DUST BOOTED PISTONS FOR ROTORS UP TO 12.19":⁽¹⁾

BORE SIZE		DISC WIDTH		PART NUMBER
1.75"	44,5 mm	1.00"	25,4 mm	120-7381
1.75"	44,5 mm	.81"	20,6 mm	120-7380
1.75"	44,5 mm	.38" - .50"	9,7 - 12,7 mm	120-7726
1.62"	41,1 mm	1.00"	25,4 mm	120-7379 ⁽²⁾
1.62"	41,1 mm	.81"	20,6 mm	120-7378 ⁽²⁾
1.62"	41,1 mm	.38" - .50"	9,7 - 12,7 mm	120-7725
1.50"	38,1 mm	1.00"	25,4 mm	120-7328
1.50"	38,1 mm	.81"	20,6 mm	120-7327 ⁽²⁾
1.50"	38,1 mm	.38" - .50"	9,7 - 12,7 mm	120-7722
1.38"	35,1 mm	1.00"	25,4 mm	120-7377
1.38"	35,1 mm	.81"	20,6 mm	120-7376
1.38"	35,1 mm	.38" - .50"	9,7 - 12,7 mm	120-7724
1.25"	31,8 mm	1.00"	25,4 mm	120-7375
1.25"	31,8 mm	.81"	20,6 mm	120-7374 ⁽²⁾
1.25"	31,8 mm	.38" - .50"	9,7 - 12,7 mm	120-7723 ⁽²⁾

CALIPER ORDERING INFORMATION, DPR-13 W/DUST BOOTED PISTONS FOR ROTORS UP TO 13.00":⁽¹⁾

BORE SIZE		DISC WIDTH		PART NUMBER
1.75"	44,5 mm	1.10"	27,9 mm	120-9748
1.25"	31,8 mm	1.10"	27,9 mm	120-9749
1.00"	25,4 mm	1.10"	27,9 mm	120-9750 ⁽²⁾

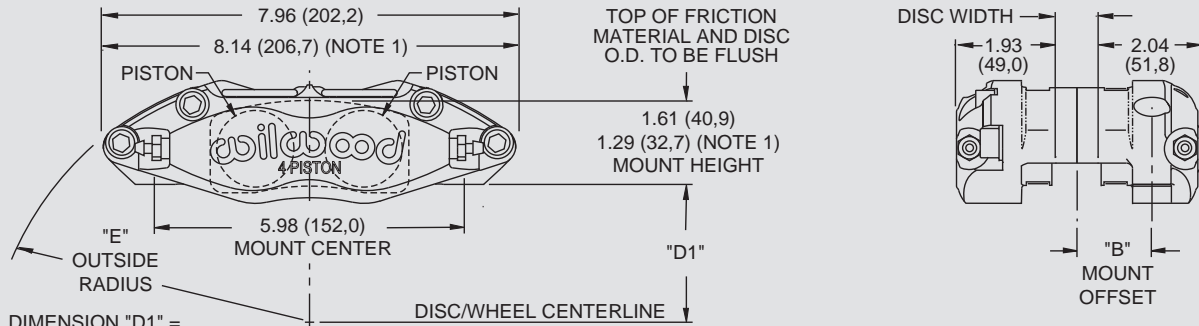
CALIPER ORDERING INFORMATION, DPR COMPETITION CALIPERS W/STAINLESS STEEL PISTONS:⁽¹⁾

BORE SIZE		DISC WIDTH		PART NUMBER
1.75"	44,5 mm	1.00"	25,4 mm	120-8545
1.75"	44,5 mm	.81"	20,6 mm	120-8544
1.75"	44,5 mm	.81"	20,6 mm	120-8544-SI
1.75"	44,5 mm	.38" - .50"	9,7 - 12,7 mm	120-8543
1.75"	44,5 mm	.38" - .50"	9,7 - 12,7 mm	120-8543-SI
1.62"	41,1 mm	1.00"	25,4 mm	120-8542
1.62"	41,1 mm	.81"	20,6 mm	120-8541
1.62"	41,1 mm	.38" - .50"	9,7 - 12,7 mm	120-8540
1.38"	35,1 mm	1.00"	25,4 mm	120-8539
1.38"	35,1 mm	.81"	20,6 mm	120-8538
1.38"	35,1 mm	.38" - .50"	9,7 - 12,7 mm	120-8537
1.25"	31,8 mm	1.00"	25,4 mm	120-8536
1.25"	31,8 mm	.81"	20,6 mm	120-8535
1.25"	31,8 mm	.38" - .50"	9,7 - 12,7 mm	120-8534

NOTES: (1) REFERENCE FRONT OF MANUAL FOR GENERAL ORDERING INFORMATION
(2) AVAILABLE RED, ADD "RD" TO END OF PART NUMBER WHEN ORDERING



DYNAPRO RADIAL MOUNT CALIPER, MOUNTING DIMENSIONS:



DIMENSION "D1" =
 (DISC DIAMETER/2) - 1.61 (40,9)
 (DISC DIAMETER/2) - 1.29 (32,7) (NOTE 1)
 INLET FITTING: 1/8-27 NPT

DISC WIDTH	"B" MOUNT OFFSET
.38/.50 (9,7-12,7)	1.28 (32,5)
.81 (20,6)	1.45 (36,8)
1.00 (25,4)	1.53 (38,9)
1.10 (27,9)	1.58 (40,1)

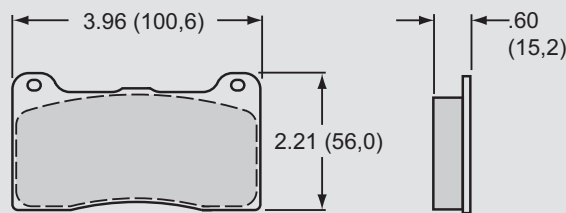
DISC DIAMETER	"E" OUTSIDE RADIUS
10.75 (273,0)	6.15 (156,2)
11.75 (298,4)	6.57 (166,9)
12.19 (309,6)	6.77 (172,0)
12.90 (327,7)	7.12 (180,8)

NOTE 1: DIMENSIONS FOR USE WITH A
 12.90 (327,7) x 1.10 (27,9) DISC
 ON A DPR-13 CALIPER ONLY

RADIAL CALIPER ADAPTER BRACKETS:

Radial mount adapter brackets are used in Wilwood brake kits to provide a secure and precise method of attaching the Dynapro caliper to the factory mount bosses on the original spindle. For a list of specific available applications, consult the Wilwood Bolt-On Brake Kit catalog, or visit the kit section of our website @ www.wilwood.com.

DYNAPRO BRAKE PAD TYPE 7816 - PAD VOLUME = 3.0 CU. IN.:



AXLE SET P/N	PAD TYPE / COMPOUND
15A - 7263K	7816 A PolyMatrix
15B - 7264K	7816 B PolyMatrix
15E - 7266K	7816 E PolyMatrix
15Q - 7268K	7816 Q PolyMatrix
150 - 8946K	7816 10 BP-10 Smart Pad
150 - 9419K	7816 20 BP-20 Smart Pad
150 - 9865K	7816 30 BP-30 Smart Pad
150 - 9753K	7816 SM For Titanium Rotor
150 - 10290K	7816 SM For Titanium Rotor ⁽¹⁾

SERVICE PARTS ORDERING INFORMATION:

CALIPER PART NO.	PISTON	SQ RING KIT (4 PK)	BLEED SCREW KIT (4 PK)	DUST BOOT (EA)	BODY SEAL (EA)	BRIDGE WEAR PLATE (EA)	PAD RETAINER CLIP (EA)
120-7327	200-7320 (1.50")	130-8372	220-6069	210-7210	210-2582	300-5876	300-7316
120-7328	200-7320 (1.50")	130-8372	220-6069	210-7210	210-2582	300-5876	300-7316
120-7374	200-7318 (1.25")	130-2479	220-6069	210-7210	210-2582	300-5876	300-7316
120-7375	200-7318 (1.25")	130-2479	220-6069	210-7210	210-2582	300-5876	300-7316
120-7376	200-7319 (1.38")	130-2658	220-6069	210-7210	210-2582	300-5876	300-7316
120-7377	200-7319 (1.38")	130-2658	220-6069	210-7210	210-2582	300-5876	300-7316
120-7378	200-7321 (1.62")	130-4346	220-6069	210-7210	210-2582	300-5876	300-7316
120-7379	200-7321 (1.62")	130-4346	220-6069	210-7210	210-2582	300-5876	300-7316
120-7380	200-7322 (1.75")	130-2655	220-6069	210-7210	210-2582	300-5876	300-7316
120-7381	200-7322 (1.75")	130-2655	220-6069	210-7210	210-2582	300-5876	300-7316
120-7722	200-7320 (1.50")	130-8372	220-6069	210-7210	210-2582	300-5876	300-7315
120-7723	200-7318 (1.25")	130-2479	220-6069	210-7210	210-2582	300-5876	300-7315
120-7724	200-7319 (1.38")	130-2658	220-6069	210-7210	210-2582	300-5876	300-7315
120-7725	200-7321 (1.62")	130-4346	220-6069	210-7210	210-2582	300-5876	300-7315
120-7726	200-7322 (1.75")	130-2655	220-6069	210-7210	210-2582	300-5876	300-7315
120-8534	200-7514 (1.25")	130-2479	220-6069	—	210-2582	300-5876	300-7316
120-8535	200-7514 (1.25")	130-2479	220-6069	—	210-2582	300-5876	300-7316
120-8536	200-7514 (1.25")	130-2479	220-6069	—	210-2582	300-5876	300-7316
120-8537	200-7516 (1.38")	130-2658	220-6069	—	210-2582	300-5876	300-7315
120-8538	200-7516 (1.38")	130-2658	220-6069	—	210-2582	300-5876	300-7316
120-8539	200-7516 (1.38")	130-2658	220-6069	—	210-2582	300-5876	300-7316
120-8540	200-7519 (1.62")	130-4346	220-6069	—	210-2582	300-5876	300-7315
120-8541	200-7519 (1.62")	130-4346	220-6069	—	210-2582	300-5876	300-7316
120-8542	200-7519 (1.62")	130-4346	220-6069	—	210-2582	300-5876	300-7316
120-8543	200-7531 (1.75")	130-2655	220-6069	—	210-2582	300-5876	300-7315 ⁽²⁾
120-8544	200-7531 (1.75")	130-2655	220-6069	—	210-2582	300-5876	300-7316 ⁽²⁾
120-8545	200-7531 (1.75")	130-2655	220-6069	—	210-2582	300-5876	300-7311
120-9748	200-7322 (1.75")	130-2655	220-6069	210-7210	210-2582	300-5876	300-7316
120-9749	200-7318 (1.25")	130-2479	220-6069	210-7210	210-2582	300-5876	300-7316
120-9750	200-9771 (1.00")	130-4320	220-6069	210-7210	210-2582	300-5876	300-7316

NOTES: (1) THIS PAD IS MODIFIED FOR -SI CALIPERS
 (2) -SI CALIPERS USE BRIDGE BOLT ASSEMBLIES INSTEAD OF PAD RETAINER CLIPS