



W6A / W4A RADIAL MOUNT CALIPERS

Caliper Highlights:

The **W6A** forged six piston caliper and **W4A** four piston caliper deliver heavy duty stopping power for the road or track. Both calipers incorporate race technology into a body design with widespread adaptability. Radial mounting, two options for piston volume, and a rotor diameter ranging from 12.19" to 14.25" give these calipers the versatility necessary to suit all types of heavy weight braking requirements.



 Black  Red

The **W6A/W4A** body is the product of FEA computer design and stress flow forging technology. FEA technology allows the designer to test the prototype in a computer environment to determine the optimal structural design within the dimensional parameters of the component. Stress flow forging produces a part with the internal grain structure of the metal aligned in the direction of the flow of the body contour. The results are a caliper with superior clamping efficiency and ultimate strength against fatigue, stresses, and distortion under load.

These calipers generates big brake clamping force with six or four differential bore stainless steel pistons. Stainless steel is used for its high resistance to corrosion and low thermal conductivity that reduces the heat transfer from the pads. The differential bore pattern balances pad loading to help maintain even pad wear. High temperature bore seals provide long service life and maintain their resilience to provide positive piston retraction on release. Two options for overall piston volume make it simple to match the calipers with master cylinder output and rear caliper size for correct bias proportioning.

The performance of the **W6A/W4A** is enhanced with SRS bridge plates, snap-ring locked pad retainer pins, recessed two-piece bleed screw assemblies and dampen mounted fluid transfer tubes. SRS bridge plates eliminate all bridge wear caused by pad gouging. The spring-loaded action of the plates also eliminates pad rattle. Snap ring clips lock the pad pins in place to provide positive retention and allow easy service without caliper removal. The bleed screws are recess mounted for protection against impact and debris. The fluid tubes are dampen mounted to protect them from fatigue or damage from vibration or debris. Calipers are anodized in high luster black to protect from corrosion and maintain their high-tech appearance. The **W6A/W4A** is also available with a gloss red finish or other custom Wilwood color by order.

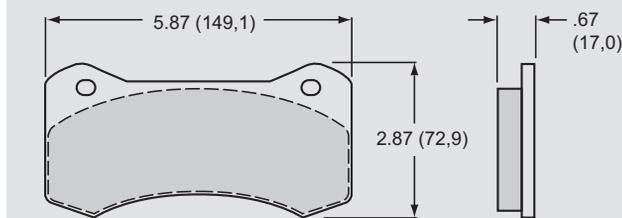
W6A CALIPER ORDERING INFORMATION:⁽¹⁾

BORE SIZE	DISC WIDTH	REAR MOUNT PART NUMBER	
		RH	LH
1.75 / 1.38 / 1.38" 44,5 / 35,1 / 35,1 mm	1.25" 31,8 mm	120-9398-RS ⁽²⁾	120-9399-RS ⁽²⁾
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.25" 31,8 mm	120-9402-RS ⁽²⁾	120-9403-RS ⁽²⁾
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.25" 31,8 mm	120-10224-RS ^(2,3)	120-10225-RS ^(2,3)

W4A CALIPER ORDERING INFORMATION:⁽¹⁾

BORE SIZE	DISC WIDTH	REAR MOUNT PART NUMBER	
		RH	LH
1.88 / 1.62" 47,8 / 41,1 mm	1.25" 31,8 mm	120-9679-RS ⁽²⁾	120-9680-RS ⁽²⁾
1.62 / 1.38" 41,1 / 35,1 mm	1.25" 31,8 mm	120-9681-RS ⁽²⁾	120-9682-RS ⁽²⁾

W6A / W4A BRAKE PAD TYPE 6617 - PAD VOLUME = 5.2 CU. IN.:



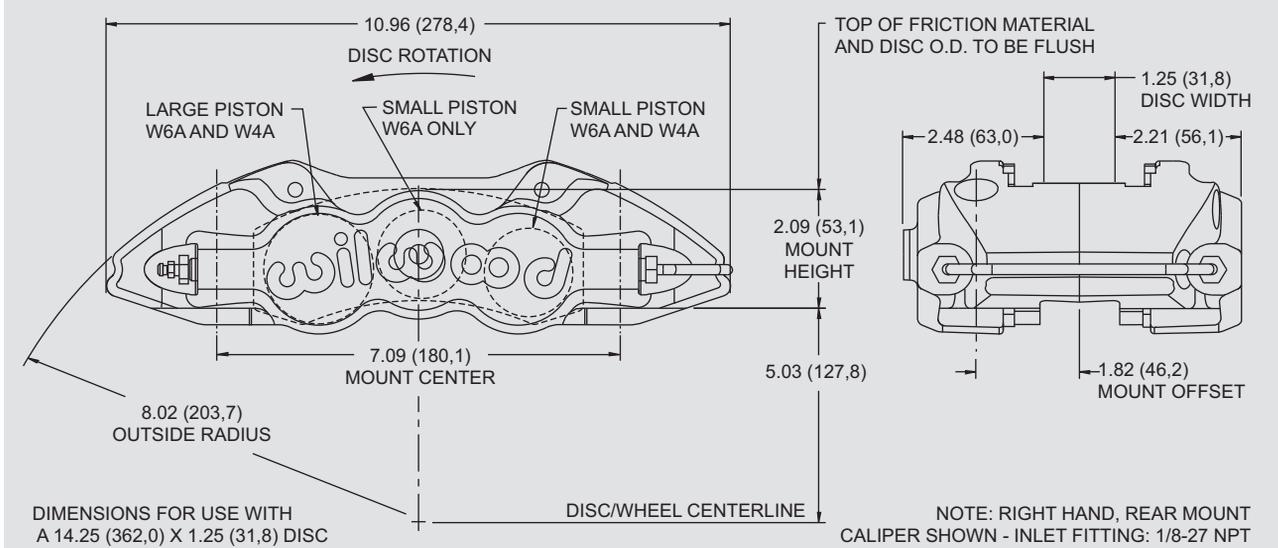
AXLE SET P/N	PAD TYPE / COMPOUND
15A - 9977K	6617 A PolyMatrix
15B - 9978K	6617 B PolyMatrix
15H - 9979K	6617 H PolyMatrix
150 - 9488K	6617 10 BP-10 Smart Pad
150 - 9489K	6617 20 BP-20 Smart Pad
150 - 9980K	6617 30 BP-30 Smart Pad

NOTES: (1) REFERENCE FRONT OF MANUAL FOR GENERAL ORDERING INFORMATION
(2) AVAILABLE RED, ADD "R" TO END OF PART NUMBER WHEN ORDERING. FOR OTHER CUSTOM WILWOOD COLORS, CONTACT THE FACTORY.
(3) THESE CALIPERS COME WITH THERMLOCK PISTONS.

WARNING: The user or installer of any product from this catalog must determine its suitability for their intended purpose or application



W6A / W4A CALIPER, MOUNTING DIMENSIONS:



RADIAL CALIPER ADAPTER BRACKETS:

Radial mount adapter brackets are used in Wilwood brake kits to provide a secure and precise method of attaching the W6A / W4A 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.



W6A CALIPER SERVICE PARTS ORDERING INFORMATION:

CALIPER PART NO.	PISTON	SQ RING KIT (6 PK)	BLEED SCREW KIT (4 PK)	CROSSOVER TUBE KIT (2 PK)	PAD RETAINING KIT (2 PK)	BRIDGE WEAR PLATE (EA)
120-9398	200-7531 (1.75") 200-7516 (1.38")	130-3084	220-6069	190-9875	180-9874	300-5876
120-9399	200-7531 (1.75") 200-7516 (1.38")	130-3084	220-6069	190-9875	180-9874	300-5876
120-9402	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-9875	180-9874	300-5876
120-9403	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-9875	180-9874	300-5876
120-10224	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-9875	180-9874	300-5876
120-10225	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-9875	180-9874	300-5876

W4A CALIPER SERVICE PARTS ORDERING INFORMATION:

CALIPER PART NO.	PISTON	SQ RING KIT (4 PK)	BLEED SCREW KIT (4 PK)	CROSSOVER TUBE KIT (2 PK)	PAD RETAINER KIT (2 PK)	BRIDGE WEAR PLATE (EA)
120-9679	200-7521 (1.88") 200-7519 (1.62")	130-5100	220-6069	190-9875	180-9874	300-5876
120-9680	200-7521 (1.88") 200-7519 (1.62")	130-5100	220-6069	190-9875	180-9874	300-5876
120-9681	200-7519 (1.62") 200-7516 (1.38")	130-9873	220-6069	190-9875	180-9874	300-5876
120-9682	200-7519 (1.62") 200-7516 (1.38")	130-9873	220-6069	190-9875	180-9874	300-5876