

Product information



HEL 4-Piston Radial Brake Caliper MK-1 (1 pair), 100 mm

Art.Nr.: HEL-BZ-V1-100 / manufacturer: [HEL Performance \(UK\)](#)



788,00 EUR / Pair

incl. 19% VAT plus 7,90 EUR DHL-Shipping

🚚 Ready for dispatch within 1-2 working days. Delivery time approx. 3-5 working days!



HEL-Performance® 4-Piston Radial Brake Caliper (1 Pair) (Price Reduced!)

HEL Performance brake calipers are available with a MotoGP-inspired nickel coating. Each caliper is equipped with two pad retaining pins. To replace the brake pads, simply unscrew these pins briefly and swap out the pads. The calipers should be blown out with air before reinstallation to

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ensure that the internal surfaces are clean. Our brake calipers also feature a bleed screw, making it easier to completely remove air from the system.

Our brake calipers weigh 715 grams (without pads) and are equipped with stainless steel pistons. Stainless steel acts as a heat sink, dissipating the heat generated by braking. The brake fluid heats up less. The boiling point of brake fluids varies depending on the fluid used. Storing the heat in the pistons instead of heating the fluid improves braking performance over a longer period—perfect for the track.

We manufacture our brake calipers exclusively on state-of-the-art CNC machines from solid 6082-T6 billet aluminum. Many mass-produced brake calipers are forged, but this limits their design possibilities. The forged parts must also be machined for threads and the internal flow path, since forging is not capable of producing these details. We offer the very highest product quality. The finish is breathtaking, with every part machined to CNC precision. We maximize weight savings and minimize material usage. Radial mounting of two-piece brake pads with two pads per caliper.

- 4-piston (32 mm) stainless steel brake caliper design.
- The caliper is made of solid 6082-T6 aluminum.
- High-temperature seals.
- Radial mounts available in 100 mm, 108 mm, and **now also in 130 mm** for most modern motorcycles.
- The kit includes an instruction manual with all the information regarding installation, bleeding, maintenance, and more.
- Complete with spacers and necessary screws

The calipers are designed to accommodate stock brake pads for popular supersport motorcycles. This gives you a wide selection of brake pads from nearly all manufacturers and suppliers. We currently offer EBC FA390 brake pads as an option. In our extensive testing with renowned top riders on various race tracks in Spain and England, as well as in street use, these pads have delivered outstanding performance and results. The EP pad compound has ABE approval; the GPX pad compound is a pure racing compound without ABE approval. Comparable brake pad types for: SBS = 809, DP = DP950, Vesrah = VD-170, Ferodo = FDB2181, CL-Brakes = 1134 (Source: SBS.dk), TRW = MCB755 (Source: trwmoto.com)

Technical Information:

- Brake caliper with 100 mm hole spacing = 30 mm offset
- Brake caliper with 108 mm bolt pattern = 22.5 mm offset

Package Contents:

- 2 x CNC-machined brake calipers (R+L)
- 4 mounting screws
- 4 spacer rings
- 2 x stainless steel hollow screws with copper O-rings

For more information, please visit the following link

Note: HEL Performance brake pumps and calipers are not compatible with Castrol SRF Racing brake fluid! Using this brake fluid may cause seal failure under certain conditions.

Stahlflex brake lines and kits from HEL Performance:

HEL-Performance® brake line kit, including hollow screws** and accessories**

- No expansion of the lines at high temperatures
- Eliminates the spongy feeling in the brake lever
- Direct and precise braking response
- Teflon inner liner with stainless steel sheath
- Exclusively stainless steel fittings
- Lower maintenance costs for the braking system
- Technology proven in motorsports

* For information on availability and delivery with ABE or parts certificates, please refer to the latest version of our ABE, which you can download here as a PDF file:

www.helpformance.com/certification

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The ABE is continuously updated. If y

(** is included, if required)

available options

Bremszange-100-108-130-paar



100mm hole spacing, gray



100mm hole spacing, Black

BZ brake pad



EBC-EPFA390HH-Sport-ABE (f. 2 BZ) (+130,00 EUR)



EBC-GPFAX390HH-Race-only (f. 2 FC) (+144,00 EUR)



No thanks, no brake pads!

Brake fluid



MOTUL DOT 3&4, 0.5 liter,
instead of 8.95 only 7.60
(15.20/liter) (+7,60 EUR)



MOTUL DOT 3&4, 2 x 0.5
liter, instead of 17.90 only
13.90 (13.90/liter)
(+15,20 EUR)



MOTUL-Racing RBF600 DOT4,
0.5 liter, instead of 25.25 only
16.90 (33.80/liter)
(+14,40 EUR)



MOTUL-Racing RBF600 DOT4, 2
x 0.5 liter, instead of 50.50 only
28.80 (28.80/liter)
(+28,80 EUR)



No thanks,
no brake
fluid!