

Product information



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

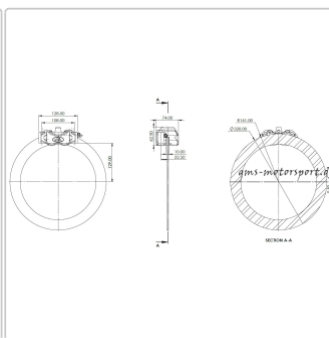
Art.Nr.: HEL-BZ-1 / manufacturer: [HEL Performance \(UK\)](#)



988,00 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) (INTRODUCTORY PRICE)

HEL Performance brake calipers are available with a MotoGP-inspired nickel finish. 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 specific fluid used. Storing the heat in the pistons rather than 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, as forging is unable to produce 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 consumption. Radial mounting of two-piece brake pads with two pads per caliper.

- 4-piston (32 mm) stainless steel 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 every manufacturer and supplier. We currently offer EBC Type FA390 brake pads as an option. In our extensive testing with renowned top riders on various racetracks in Spain and England, as well as in street use, these pads have delivered outstanding performance and results. The EP pad compound has ABE certification; the GPX pad compound is a pure racing compound without ABE certification. Comparable brake pad types are: 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 bolt pattern = 30 mm offset
- Brake caliper with 108 mm bolt circle diameter = 22.5 mm offset

Package contents:

- 2 x CNC-machined brake calipers (R+L)
- 4 x mounting screws
- 4 x spacer rings, 6 mm thick
- 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.

Steel-braided 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 feel in the brake lever
- Direct and precise bite
- Teflon inner liner with stainless steel jacket
- Exclusively stainless steel fittings
- Lower maintenance costs for the braking system
- Technology proven in motorsports

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

www.helpperformance.com/certification

Product information



The ABE is continuously updated. If you

(** is included, if needed)

available options

Bremszange-100-108-130-paar



108mm hole spacing, Grey



108mm hole spacing, Black

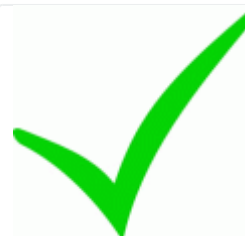
BZ brake pad



EBC-EPFA390HH-Sport-ABE (f. 2 BZ) (+118,00 EUR)



EBC-GPFAX390HH-Race-only (f. 2 FC) (+128,00 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!