

SKV BRAKE CALIPERS

Aftermarket price, OE quality



OVER
3000
MODELS

of brake
calipers

PRODUCT
GROUPS

23

34

42

44

45

46

50

55

56

67

SKV



Find at → www.skv.pl → Car selection → All parts → Braking system → **Brake caliper**

ESEN company, the owner of the SKV brand.



SKV BRAKE CALIPERS

Product's benefits

The extensive SKV brand's product range,

consisting of over **30,000 references**, includes **the most comprehensive brake caliper offer in the Polish car parts market, which aligns with trends in other European markets**. This product group, introduced in 2016, is the most popular assortment in the offer, and includes **3 000 CALIPER MODELS**, among which one can find various variants: • with or without a servomotor • fixed and floating • fist-type • single- and multi-piston configuration • in multiple powder-coated colour options • and with an integrated auxiliary brake.

The SKV brake calipers are **covered by a 3-year warranty**, which further emphasizes the high quality of our products.

What characterizes the SKV brake calipers?

OVER
3000
MODELS of brake calipers



High quality materials used



Warranty **3 YEARS**



Perfect fit hassle-free installation



TecDoc ID 4969

1

A FLOATING, SINGLE-PISTON
brake caliper
e.g. 55SKV831



2

A FLOATING, DUAL-PISTON
brake caliper
e.g. 50SKV261



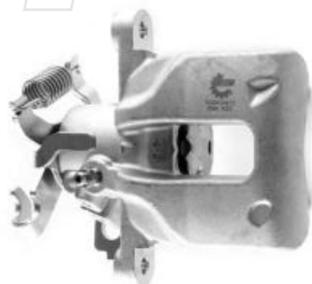
3

A FLOATING, SERVMOTOR
EQUIPPED
brake caliper | e.g. 44SKV897



4

A FLOATING, INTEGRATED
AUXILIARY BRAKE-EQUIPPED
brake caliper | e.g. 55SKV473



5

A FLOATING, INTEGRATED
AUXILIARY BRAKE-EQUIPPED
brake caliper | e.g. 34SKV271



6

A FIXED-TYPE
brake caliper
e.g. 45SKV484



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SKV BRAKE CALIPERS

Caliper construction diagram

An SKV brand floating, single-piston brake caliper.

It is the most commonly used caliper type in the majority of passenger cars and consists of two main components: **the carrier and the proper caliper**. The brake caliper carrier also called the bracket, is fixed to the steering knuckle with bolts, while the caliper is attached to the carrier with guide bushings.

The PIN DUST COVER
is made of an EPDM rubber compound and is characterized not only by thermal resilience but also by its high flexibility and resistance to corrosive chemicals and oils. Its purpose is to protect the lubricated pin and bushing from dirt, grime and water.

THE PISTON DUST COVER
is made of flexible technical rubber, resistant to corrosive chemicals and oils, and is characterized by high thermal resilience. It acts as a "safety device", protecting the caliper piston against dirt, grime and water.

THE BRAKE CALIPER CARRIER
is made of galvanized cast iron or aluminium. The bracket is responsible for fixing the caliper and brake pads and maintaining their correct relative position to each other.

THE BRAKE CALIPER PISTON

is often made of bearing steel or chrome-plated carbon steel, characterized by exceptional hardness, corrosion-resistance and abrasive wear. During braking, the pressure generated by the master cylinder is applied to the brake calipers, where it acts on the pistons, causing the brake pads to move and clamp on the brake disc.

THE PISTON SEALING RING

ensures hydraulic tightness of the brake fluid, allowing the piston to slide out smoothly and return to the correct position post braking. The ring is made with using general-purpose elastomers, such as rubber compounds (NR, NBR, SBR), neoprene (CR) and the EPDM rubber.

THE BOLT

is made of alloy steel, tempered and hardened, exhibiting appropriate grade and hardness parameters. Its role is to connect the caliper body with the bushing guide.

THE CALIPER AIR BREATHER

removes air from the braking system during servicing.

THE BRAKE CALIPER BODY

Usually, the brake caliper body is made of aluminium or zinc-galvanized cast iron. Being the largest hydraulic component of the caliper, it holds both the piston with seals and the breather.

THE BRAKE CALIPER BUSHING GUIDE

is usually made of steel alloys with anti-corrosion properties. It is responsible for the movement (floating) of the caliper, relative to the brake disc.



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SKV BRAKE CALIPERS

In-depth information

UNIQUENESS OF THE OFFER

The wide range of SKV brand products allows the use of SKV brake calipers not only in popular & modern car models but also in vehicles classified as Young - and Oldtimers.

Symbol: **45SKV251**
 Name: **Brake caliper Front left**
 OEM No.: **A0014218198**
 MERCEDES 1961 - 1977
 W108, W109, W110
 W111 limo/coupe/convertible



THE ACCESSORIES

Each SKV brake caliper kit includes synthetic grease dedicated to lubricating bushing guides and brake pistons. Furthermore, depending on the model and technical specifications, the package consists of mounting springs and washers.



The mounting spring ensures the correct operating position of the brake caliper.

Copper washers guarantee a sealed connection between the brake hose and the caliper.

Synthetic grease allows for lubricating the moving parts in the caliper.

THE NUMBERING

Car manufacturers and service centres recommend replacing brake calipers on both sides of the axle simultaneously. The SKV brand uses an intuitive form of writing the product symbol, facilitating hassle-free selection of the axle's other side caliper counterpart.



The structure of the SKV brand parts index.



DIVERSITY OF COLORS

Select models from among 3 000 references of the SKV brake calipers are **available in various colours**. The powder coating, used during the manufacturing stage guarantees long-term preservation of the parts colour. Their aesthetics and durability make them a popular choice among customers looking for more than just plain functionality but also attractive appearance.

Close to 150 models of the SKV brake calipers are available in five colors: **silver, yellow, red, blue and black**.



23SKV003

23SKV003 YELLOW

23SKV003 RED

23SKV003 BLUE

23SKV003 BLACK



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SKV BRAKE CALIPERS

The packaging & warranty details



3 YEAR WARRANTY

The SKV brand offers an extended, **FREE 3-year warranty on brake calipers**, with no mileage limit and no product registration required. This warranty provides users with unrestricted protection coverage for the entire duration.

THE PACKAGING

To ensure superb safety during transport, the SKV brake calipers are packed not only in a cardboard box but also in genuine foil with a hologram confirming the authenticity. Aesthetic packaging contains crucial information from the point of view of both the seller and the buyer, such as a barcode (the EAN-13 code), product name, symbol, and hologram.

THE PRODUCT MARKING

Additionally, the product itself is marked with an SKV logo along with the part and production batch number.



5 901947 327227 EAN-13 barcode
23SKV073 I Part symbol

Logo | Part name

Logo
Symbol
Batch number



23SKV073
S73 121



Hologram



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SKV BRAKE CALIPERS

Product's benefits

The SKV brake calipers are manufactured from the highest quality materials on modern, **automated production lines**.



All calipers **are subjected to rigorous testing** at every stage of production, ensuring their durability and safety.



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SKV BRAKE CALIPERS

Associated product groups

The offer of SKV brand auto parts in the braking system category includes as many as 14 subcategories, including:

FLEXIBLE
BRAKE
HOSES



35

group

PARKING
BRAKE CALIPER
SERVOMOTORS



96

group

ELECTRIC
PARKING BRAKE
ACTUATORS



59

group

VACUUM
PUMPS



18

group

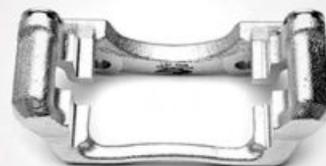
BRAKE DISC
SPLASH
PANELS



57

group

BRAKE
CALIPER
CARRIERS



56 67

group

HANDBRAKE
CABLES



25 26

groups

ABS
SENSORS



06

group



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Become a Part of SKV

The diverse SKV product range has been designed to maximise profitability for customers.

Join the SKV group and gain!

Free SKV brand advertising materials

Favourable cooperation terms with transparent conditions

Access to our purchasing platform: www.SKV.pl

Reliable supply chain

An average of over 500 new products per month

Free deliveries

Convenient payment terms

Service support



SKV parts are brand new:

- Manufactured according to the same rigorous manufacturing standards as OE parts
- Manufactured on the same production lines as leading global manufacturers
- Subjected to the same quality controls as OE parts

SKV – Aftermarket price, OE quality



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