

**KAESER**  
COMPRESSORS®



# Trades Compressors

**CLASSIC Series**

Flow rate 109 to 234 l/min

Pressure 10 bar

[www.kaeser.com](http://www.kaeser.com)

# CLASSIC series

We have designed CLASSIC series compressors especially for small, up-and-coming trades businesses. The product range focuses on common sizes, allowing us to deliver exceptional value for money with impressive compressed air performance.

## Precision machining

Using the most advanced manufacturing processes and with more than 80 years of experience in precision engineering, KAESER's skill and expertise guarantee products of the very highest quality standards.

## Meticulous assembly

The care that is taken in the production of a compressor block is also taken at every stage of compressor assembly.

## Stainless steel valves

The valve reeds in the corrosion-resistant stainless steel valves are fitted with heat-dissipating lift limiters to ensure airtight valve closure and extended service life.

## High-grade lubricating fluid

Every KAESER workshop compressor is filled with special high-grade lubricating fluid that virtually eliminates build-up of oil carbon deposits on the valves. In addition, the fluid enables the lubrication change interval to be doubled to approximately 1000 operating hours.

## Assured quality and cutting-edge technology

KAESER CLASSIC trades compressors are quality products Made in Germany. The LwA and CE symbols guarantee that all compressors conform to legal requirements. CLASSIC series trades compressors are type approved.



## Made in Germany

Equipped with Made in Germany compressor blocks from KAESER, CLASSIC series trades compressors provide exceptional quality and performance. For powers up to 1.5 kW, the motor and compressor housing form a single component. The compressor blocks are manufactured, assembled and tested on site at the KAESER reciprocating compressor production centre, located at the Coburg plant in Germany. High-quality materials and meticulous assembly guarantee maximum compressed air performance and long service life.



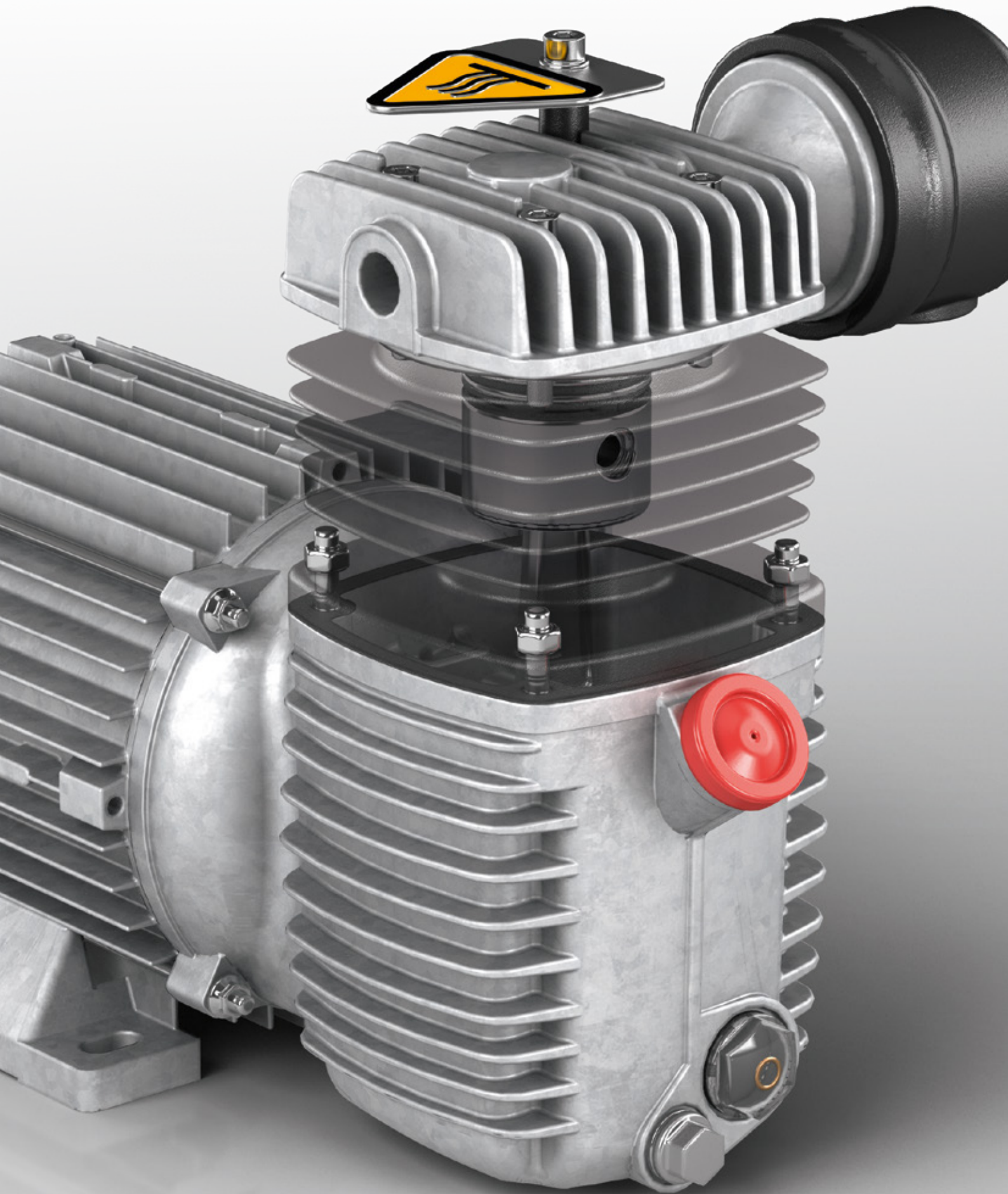


Image: CLASSIC reciprocating compressor block

# CLASSIC –

## Outstanding quality and value

Standardised components and a focus on well-established models ensure that KAESER's CLASSIC series compressors provide outstanding quality, value and performance. Every CLASSIC series compressor is equipped with a durable KAESER compressor block to guarantee optimum reliability and long service life. The compressor package as a whole is also engineered for optimum performance.

High quality cylinder

97 dB

CE

Receiver Internally coated



Image: CLASSIC 210/50 W



### KAESER compressor block

The heart of the machine, the compressor block, is Made in Germany at our production facility in Coburg. All KAESER compressor blocks feature exceptionally durable pistons, piston rings, connecting rods, bearings and crank flanges to provide impressive compressed air performance, efficiency and durability.



### Stainless steel valves

The valve reeds in the corrosion-resistant stainless steel valves are fitted with heat-dissipating lift limiters to assure airtight valve closure and extended service life.





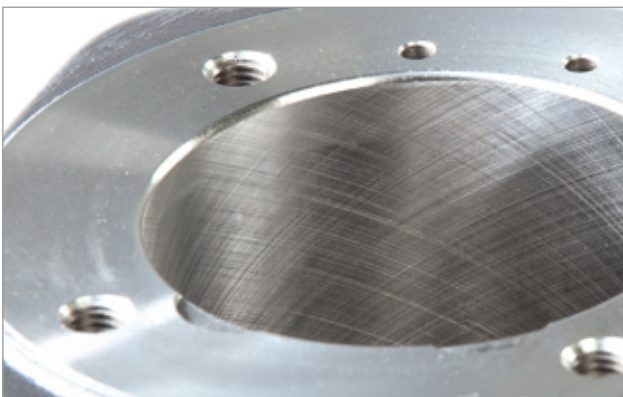
Image: CLASSIC 210/50 W



Image: CLASSIC 320/25 D



Image: CLASSIC mini 210/10 W



### **Cross-grinding for durability**

The cylinders in all CLASSIC series compressors receive a cross-ground surface as part of the intricate plateau honing process. This cross-ground surface not only improves sliding of the piston within the cylinder, but also reduces oil consumption.



### **Precision machining**

Using the most advanced manufacturing processes and with more than 80 years of experience in precision engineering, KAESER's skill and expertise guarantee products of the very highest quality.

# CLASSIC – Typical fields of use

CLASSIC series compressors are especially well-suited to automotive tasks as well as to construction and renovation applications. CLASSIC series compressors power the following compressed air tools, amongst many others:

Spray guns, tyre inflators, blow-out guns, impact wrenches and chipping hammers.

High  
quality cylinder

LWA  
97  
dB

CE

Receiver  
Internally coated



## Optimum tyre pressure

CLASSIC series trades compressors are the perfect choice for quick and easy inflation of car and HGV tyres. With the appropriate tyre inflator, you can be sure that you always have the optimum correct tyre pressure.



## Precision blowing

In order to blow out workshop dirt and swarf effectively, you not only need a suitable blow-out gun, but more importantly, you also need to have the required compressed air available. Needless to say, CLASSIC series trades compressors are the perfect choice for this application – and many more besides.





### **Impact wrench power**

No matter whether in the workshop or at home, CLASSIC series compressors have all of your workshop needs covered, such as quick and easy tightening and loosening of wheel nuts, with KAESER compressed air and Made in Germany quality.



### **Effortless painting**

Enjoy great results every time for all of your painting jobs with CLASSIC series trades compressors. Paint and transform large surface areas quickly and effortlessly. KAESER has the perfect compressed air solution to cover all of your painting needs. The addition of optimum compressed air treatment further ensures brilliant results.



Image: CLASSIC 320/50 W

## CLASSIC – Quality at a glance

The exceptional quality of KAESER's products is achieved through the use of the very best materials and components. The sum of high-quality components creates a high-quality whole.

The components used in CLASSIC series compressors are of the highest quality for which the KAESER name is renowned throughout the world.

The key compressor components are highlighted above:

- 1) Air intake filter with silencer
- 2) Reciprocating compressor block
- 3) Maintenance-free 1:1 direct drive
- 4) Fan / fan guard
- 5) Pressure switch
- 6) Filter pressure reducer with quick-release coupling
- 7) Safety valve
- 8) Air receiver
- 9) Oil filler port with ventilation
- 10) Oil drain screw







Image: CLASSIC 320/50 W

## Your advantages



### The best choice for lower compressed air demand

Many workshop businesses use compressed air only intermittently, as they do not require large volumes of compressed air on a continuous basis. In such cases, CLASSIC series trades compressors are the ideal choice. They operate only for as long as compressed air is required and switch off again once the air receiver has been filled – this saves both energy and money.



### Carefree and durable

High-quality materials and meticulous manufacture ensure reliable operation and long service intervals (oil changes only required every 2 years or after 1000 hours of operation). CLASSIC series compressors therefore provide complete peace of mind when it comes to ensuring a dependable supply of quality compressed air.



### Energy cost savings

CLASSIC series trades compressors are equipped with 1:1 direct drive. The advantage: virtually zero energy loss between the motor and compressor!

# Technical specifications

Model	Flow rate at 6 bar	Intake volume	Air receiver volume	Max. pressure	Compressor block shaft power	No. of cylinders	Sound pressure level <sup>1)</sup>	Dimensions W x D x H
	l/min	l/min	l	bar	kW		dB(A)	mm
<b>CLASSIC mini 210/10 W</b>	109	210	10	10	1.1	1	73	380 x 420 x 650
<b>CLASSIC 210/25 W</b>	109	210	25	10	1.1	1	74	610 x 310 x 670
<b>CLASSIC 210/50 W</b>	109	210	50	10	1.1	1	74	820 x 400 x 750
<b>CLASSIC 270/25 W</b>	136	270	25	10	1.3	1	75	610 x 310 x 680
<b>CLASSIC 270/50 W</b>	136	270	50	10	1.3	1	76	820 x 400 x 750
<b>CLASSIC 320/25 W</b>	167	320	25	10	1.5	1	77	610 x 310 x 700
<b>CLASSIC 320/25 D</b>	167	320	25	10	1.5	1	77	610 x 310 x 700
<b>CLASSIC 320/50 W</b>	167	320	50	10	1.5	1	76	820 x 400 x 780
<b>CLASSIC 320/50 D</b>	167	320	50	10	1.5	1	76	820 x 400 x 780
<b>CLASSIC 320/90 W</b>	167	320	90	10	1.5	1	77	1080 x 440 x 850
<b>CLASSIC 320/90 D</b>	167	320	90	10	1.5	1	77	1080 x 440 x 850
<b>CLASSIC 460/50 W</b>	234	460	50	10	2.2	1	75	820 x 410 x 860
<b>CLASSIC 460/50 D</b>	234	460	50	10	2.2	1	75	820 x 410 x 850
<b>CLASSIC 460/90 W</b>	234	460	90	10	2.2	1	75.5	1170 x 450 x 920
<b>CLASSIC 460/90 D</b>	234	460	90	10	2.2	1	75.5	1170 x 450 x 910

<sup>1)</sup> Emissions sound power level calculated from the measured average sound power level (Directive 2000/14/EC, Sound measurement basic standard ISO 3744) as per EN ISO 11203 with d=1m, Q2 = Enveloping surface dimension dB.

Flow rate and performance data as per ISO 1217:2009, Annexe C



# Tools and accessories

Weight	Hose connection	Electrical connection (50 Hz)
kg	mm	Volts
30	6	230 V AC
33	6	230 V AC
41	6	230 V AC
33	6	230 V AC
40	6	230 V AC
34	6	230 V AC
34	6	400 V DC
39	6	230 V AC
39	6	400 V DC
53	6	230 V AC
53	6	400 V DC
64	9	230 V AC
59	9	400 V DC
75	9	230 V AC
66	9	400 V DC

Eco set: Paint spray gun, spray gun, tyre inflator, blow-out gun and hose	Impact wrench	Chipping hammer
Suitable	Suitable for brief use	Not applicable
Suitable	Suitable for brief use	Not applicable
Suitable	Suitable for brief use	Not applicable
Suitable	Suitable for brief use	Not applicable
Suitable	Suitable for brief use	Not applicable
Suitable	Suitable	Suitable for brief use
Suitable	Suitable	Suitable for brief use
Suitable	Suitable	Suitable for brief use
Suitable	Suitable	Suitable for brief use
Suitable	Suitable	Suitable
Suitable	Suitable	Suitable
Suitable	Suitable	Suitable
Suitable	Suitable	Suitable

**More compressed air for less energy**

# The world is our home

As one of the world's largest manufacturers of compressors, blowers and compressed air systems, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of wholly owned subsidiaries and authorised distribution partners in over 140 countries.

By offering innovative, efficient and reliable products and services, KAESER KOMPRESSOREN's experienced consultants and engineers work in close partnership with customers to enhance their competitive edge and to develop progressive system concepts that continuously push the boundaries of performance and technology. Moreover, decades of knowledge and expertise from this industry-leading systems provider are made available to each and every customer via the KAESER group's advanced global IT network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that every product operates at the peak of its performance at all times, providing optimal efficiency and maximum availability.



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