



# Compressor HK 650-90 Pro | 11 bar | 5.5 HP / 4 kW | 469 l/min | 90 l

360672



## Product details

|                                       |                                                    |
|---------------------------------------|----------------------------------------------------|
| Weight                                | 90 kg                                              |
| Length                                | 1,100 mm (1.1 m)                                   |
| Width                                 | 500 mm (5 dm)                                      |
| Height                                | 970 mm (9.7 dm)                                    |
| SKU                                   | 360672                                             |
| Drive                                 | V-belt driven                                      |
| Starter                               | Direct                                             |
| Pump type                             | K25                                                |
| Cylinder number                       | 2                                                  |
| Number of stages                      | 2                                                  |
| Pump speed (rpm)                      | 1184                                               |
| Belt size                             | A60 (1524)                                         |
| Flywheel diameter (mm)                | 385 mm (3.85 dm)                                   |
| Pulley diameter (mm)                  | 150 mm (1.5 dm)                                    |
| Air receiver                          | Yes                                                |
| Galvanized tank                       | No                                                 |
| Duty cycle (run time/downtime %)      | 50/50                                              |
| Minimum working pressure (bar)        | 9 bar                                              |
| Free air delivery (m <sup>3</sup> /h) | 28.14 m <sup>3</sup> /h (7.817 dm <sup>3</sup> /s) |
| Noise level at 4 m (dB(A))            | 54                                                 |
| Noise level at 7 m (dB(A))            | 49                                                 |
| Sound volume reduction                | No                                                 |
| Connection type                       | Universal                                          |
| Main air connection (")               | 1/2                                                |
| Number of reducable air connections   | 1                                                  |
| Oilfree                               | No                                                 |
| After cooler                          | Yes                                                |
| Intercooler                           | Yes                                                |

|                              |                            |
|------------------------------|----------------------------|
| Wheels                       | Yes                        |
| Filter with pressure reducer | No                         |
| Motor power (hp / kW)        | 5.5 HP / 4.0 kW            |
| Capacity air receiver (L)    | 90                         |
| Maximum pressure (bar)       | 11                         |
| Intake capacity (L/min)      | 612 L/min (10.2 L/s)       |
| Free air delivery (L/min)    | 469 L/min (7.817 L/s)      |
| Noise level at 0 m (dB(A))   | 74                         |
| Voltage (V)                  | 400 V / 50 Hz / 3 Ph       |
| EAN                          | 8712418332681              |
| GPSR Airpress                | Airpress Polska Sp. z o.o. |

## Description

HK 650-90 Pro two-piston compressor 11 bar 5.5 HP/4 kW 400V 428,4 l/min 90 l

The HK 650-90 Pro compressor is an efficient piston device designed for intensive work in workshops, service establishments and small industrial plants. With a 5.5 HP (4 kW) motor, 400V three-phase power supply and a 90 l tank, this model ensures high efficiency and reliability. Equipped with a K25 compressor pump guarantees long service life and efficiency, even in demanding applications.

K25 compressor pump - durability and efficiency

K25 compressor pump: Manufactured in the European Union, the K25 pump offers high efficiency at optimized rotational speed, which extends the service life and reduces component wear.

Optimal rotation speed: A speed of 1184 rpm ensures stable compressor operation, minimizing the risk of overheating and enabling longer compression cycles.

Advanced cooling: Oversized intercoolers and exhaust coolers effectively lower compressed air temperatures, and a cooling blade pulley supports the cooling system.

Durability of components: Cast iron cylinders and a reinforced head ensure resistance to intensive use, which extends the life of the device.

Advantages of the HK 650-90 Pro compressor

Ready for use: The compressor is equipped with a Condor pressure switch with thermal protection and a cable with an electric plug, which allows quick connection and use immediately after installation.

Metal belt cover: The open structure design of the belt cover ensures optimal cooling airflow, which increases cooling efficiency and protection of the mechanism.

High temperature resistance: Copper pressure pipe supports cooling, ensuring efficiency even in difficult conditions.

Noise reduction: A high-efficiency suction filter with an innovative design effectively silences the operation of the compressor, ensuring higher comfort of use.

Applications

The HK 650-90 Pro model is perfect for powering pneumatic tools, pumping and small painting works.

Thanks to the three-phase 400V power supply, it works best in places with the possibility of permanent connection to the 400V network, which makes it a versatile tool in industrial and workshop applications.

### Efficiency and duty cycles

The HK 650-90 Pro compressor is designed to operate in 50% - 50% cycles, which means that the compressor's operating time is 50%, and the remaining 50% is the rest time, which allows the device to cool down. Thanks to the optimized rotation speed and efficient cooling system, the compressor offers operational savings, reducing energy consumption and noise levels. Solid construction guarantees long-term use with minimal service costs.

### Warranty and reliability

The HK 650-90 Pro compressor is covered by a 3-year warranty, which ensures the durability and reliability of the device even after intensive use. Produced in the European Union, from high-quality components, it guarantees trouble-free operation in difficult conditions.

### Technical specifications

Engine power: 5.5 HP / 4 kW

Power supply: 400 V / 50 Hz / 3 phases

Maximum pressure: 11 bar

Suction capacity: 612 l/min

Effective capacity: 428,4 l/min

Tank capacity: 90 liters

Noise level: 72 dB(A)

Rotation speed: 1184 rpm

Dimensions: 980 x 480 x 950 mm

Weight: 87 kg

