



Compressor HK 425-90 Pro | 10 bar | 3 HP / 2.2 kW | 317 l/min | 90 l

360601



Product details

Weight	81 kg
Length	1,025 mm (1.025 m)
Width	435 mm (4.35 dm)
Height	915 mm (9.15 dm)
SKU	360601
Drive	V-belt driven
Starter	Direct
Pump type	K17C
Cylinder number	2
Number of stages	1
Pump speed (rpm)	1250
Belt size	A48 (1219)
Flywheel diameter (mm)	320 mm (3.2 dm)
Pulley diameter (mm)	110 mm (1.1 dm)
Air receiver	Yes
Galvanized tank	No
Duty cycle (run time/downtime %)	50/50
Minimum working pressure (bar)	8 bar
Free air delivery (m ³ /h)	19.02 m ³ /h (5.283 dm ³ /s)
Noise level at 4 m (dB(A))	77
Noise level at 7 m (dB(A))	72
Sound volume reduction	No
Connection type	2 Universal + Euro
Main air connection (")	1/2
Number of reducable air connections	2
Oilfree	No
After cooler	Yes
Intercooler	No

Wheels	Yes
Filter with pressure reducer	Yes
Motor power (hp / kW)	3.0 HP / 2.2 kW
Capacity air receiver (L)	90
Maximum pressure (bar)	10
Intake capacity (L/min)	400 L/min (6.667 L/s)
Free air delivery (L/min)	317 L/min (5.283 L/s)
Noise level at 0 m (dB(A))	97
Voltage (V)	400 V / 50 Hz / 3 Ph
EAN	8712418332414
GPSR Airpress	Airpress Polska Sp. z o.o.

Description

HK 425-90 Pro two-piston compressor 10 bar 3 HP/2.2 kW 400V 200 l/min 90 l

The HK 425-90 Pro compressor is a professional piston device designed for intensive work in workshops, service establishments and smaller industrial plants. Thanks to a 3 HP (2.2 kW) motor, 400V three-phase power supply and a large 90 l tank, this model offers high performance and reliability for demanding tasks. Equipped with a K17C compressor pump, the compressor ensures stable operation and long service life with intensive use.

K17C compressor pump - durability and efficiency

K17C compressor pump: Manufactured in the European Union, the K17C pump offers high efficiency at optimized rotational speed, which extends the service life and reduces component wear.

Optimal rotation speed: A speed of 1250 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 425-90 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 425-90 Pro model is ideal for powering pneumatic tools, pumping and small painting works. Three-phase 400V power supply makes the device best suited to places with the possibility of permanent

connection to the 400V network, which increases its versatility in a variety of industrial and workshop applications.

Efficiency and duty cycles

The HK 425-90 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 425-90 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: 3 HP / 2.2 kW

Power supply: 400 V / 50 Hz / 3 phases

Maximum pressure: 10 bar

Suction capacity: 400 l/min

Effective capacity: 200 l/min

Tank capacity: 90 liters

Noise level: 74 dB(A)

Rotation speed: 1250 rpm

Dimensions: 980 x 480 x 890 mm

Weight: 64.4 kg

