



**hertz**  
KOMPRESSOREN

**22**

**HSC 16BAR**



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Rotary Screw Air Compressor

11-22 kW



0,78-2,21  
m<sup>3</sup>/min

11-22  
kW

16  
bar

## **HSC 16BAR** *SERIES*

*Oil Injected, Belt Driven  
Rotary Screw Air Compressor*

HSC 16Bar compressors always offer high performance in laser cutting machines and mining industries.



### **General Features**

- High quality screw block and motor
- Electronic control
- Easy installation and quick implementation thanks to its compact design



### **Advantages**

- A booster compressor is not needed to increase the pressure.
- Economic, service-friendly design minimizes downtime and reduces maintenance costs.





### **Screw Block**

- Durable screw block provides high-capacity of air and is specially selected for each model's capacity requirement
- New rotor profiles for reduced loss air production and lower torque requirements
- Next gen bearing design for improved load bearing capabilities



### **Main Motor and Drive System**

- Ultra Premium IE4 efficiency-class electric motors
- Star/delta motor starter
- Belt-pulley drive system
- Easy-to-use belt tensioner and pulley bushing for easy servicing



### **Cooling System**

- Temperature controlled additional fan motor



### **Air & Oil Separator**

#### **Spin-on separator**

- Easy to replace, assemble, and disassemble



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## **Controller**

- Without the need for an external main controller, ability to co-aged work synchronized with Master/Slave for up to two compressors
- Internal ModBus communication
- User-friendly on-screen interface
- Alarm log records last 20 alarms

| Model                   | Pressure |     | Capacity*           |      | Motor   | Connection | Dimensions<br>[Width x Length x Height]<br>(mm) | Weight<br>(kg) |
|-------------------------|----------|-----|---------------------|------|---------|------------|---|----------------|
|                         | bar      | psi | m <sup>3</sup> /min | cfm  | kW/HP   |            |   |                |
| <b>HSC<br/>16BAR 11</b> | 16       | 230 | 0,78                | 27,5 | 11/15   | G 3/4"     | 1276 x 850 x 1435                               | 217            |
| <b>HSC<br/>16BAR 15</b> | 16       | 230 | 1,27                | 44,9 | 15/20   | G 3/4"     | 1276 x 850 x 1435                               | 384            |
| <b>HSC<br/>16BAR 18</b> | 16       | 230 | 1,82                | 64,1 | 18,5/25 | G 3/4"     | 1276 x 850 x 1435                               | 448            |
| <b>HSC<br/>16BAR 22</b> | 16       | 230 | 2,21                | 77,9 | 22/30   | G 3/4"     | 1276 x 850 x 1435                               | 529            |

- Unit performances measured in reference conditions which are 1 bar absolute air pressure, %0 relative humidity, 20°C inlet air temperature.

- Hertz reserves its rights to make changes in its products and specifications without prior notice.

\* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.