

## Screw compressor

### ACS 3,5-10-100

For continuous air demand as well as frequent load changes - optimal for mobile applications in workshops



#### Article number ▼

2066120

#### Brand ▼

Aircraft

#### Availability ▼

In stock  
Immediate delivery

#### Catalog directory ▼

Compressed air technology » Screw compressors » ACS

#### Purchase ▼


Minimum 1 pc(s).



#### Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	1,000 mm	Gross	120 kg	Delivery	Carrier	DualUse	✘
Width	1,400 mm	Net	98 kg	Content	1 pc(s).	SCIP	n/a
Height	500 mm					SVHC	No

#### Root data ▼

Country of origin	EAN	Custom number	Quantity unit
 Italy	9006248019850	84148075	pc(s).

#### Video ▼

[www.youtube.com/watch?v=dou-vrDhAo4](https://www.youtube.com/watch?v=dou-vrDhAo4)



MADE IN ITALY

## Description

- Just as mobile and compact as piston compressors, but with the great advantage of being able to generate compressed air permanently without cooling breaks
- Due to temperature control of the oil can also be used in discontinuation mode

### **Electronic temperature control for optimum oil temperature**

- Optimum viscosity of the oil due to constant temperature, thus also suitable for discontinuation operation with frequent load changes
- Temperature control of the oil avoids condensation and minimizes wear
- Better energy efficiency compared to a piston compressor with the same delivery performance
- Additional oil heat exchanger for cooling

### **K-Tronic Electronic Control for Reliability and Efficiency**

- Setting the switch-on and off pressure
- Rotational direction control
- Monitoring and control of the oil temperature
- Display of the maintenance interval

### **Optimized oil separation system**

- Effective oil pre-separation by gravity, as the oil sump is at its deepest point
- Oil separator cartridge and oil filter cartridge easily accessible for maintenance

### **Integrated design of the compressor unit**

- Comfort and high operational reliability due to integration and short connections of all essential components to the compressor unit
- Maintenance-free direct drive
- Free-wheel-drive valve for load-free running after reaching the set pressure

### **Lightweight, compact and quiet**

- Can be used in mobile use or in tight space
- Highly efficient and low-noise fan
- Smooth compressor with low noise level

### **High-quality equipment**

- Compressed air tank inside and outside hot-dip galvanized, 15-year warranty on the container against rusting
- Steering trolley with parking brakes and large, puncture-proof PU foam wheels for comfortable transport without lifting
- Flexible tank hose line with heat protection prevents vibration breaks

## Significant Features



**Very quiet**  
Suitable for installation in  
any working environment

**Media informations** ▾





**The electronic control unit K-Tronic 5 ensures reliability and efficiency**

- Direct start with charge / idle cycle
- Air outlet from 240 to 350 l / min at 10 bar
- Anti-condensation system





1. Suction filter
2. Intake valve
3. Oil separation cartridge
4. Oil filter cartridge
5. Compressor stage
6. Minimum pressure/return valve
7. Oil refill screw
8. Thermostatic oil quantity control
9. Anti-condensate system
10. Electronic control K-Tronic 5
11. Oil heat exchanger
12. Electric motor

## Technical data ▼

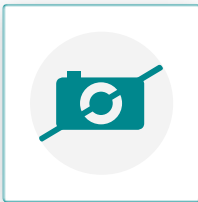
General features			
Effective delivery volume approx.	360 l/min	Specific power	13.36 kW/(l/min)
Maximum Pressure	10 bar	Air outlet	½ "

Dimensions and weights			
Length (product) approx.	1400 mm	Width/depth (product) approx.	450 mm
Height (product) approx.	1000 mm	Net weight approx.	97 kg
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Fuse protection	12 A	Delivery power electric motor	4,0 kW
Absorbed power electric motor	4.24 kW	Protection class drive motor	IP 54
Duty type drive motor	S1	Motor efficiency class	IE1
Speed electric motor	2880 min <sup>-1</sup>	Total current draw	8.5 A
Connection cable length	550 mm		
Noise emission			
Sound pressure level Lp	69 dB(A)	Explanation sound pressure level Lp	Sound pressure level at 1 m distance according to DIN 45635 T 13
Motor(s)			
Motor type	Electrical		
Compressed air tank			
Pressure vessel capacity	100 l		

## Equipment ▼


Control	Electronical	Oil heat exchanger	✓
Oil heater	✓	Compressed air treatment	Oil separator cartridge
Compressed air outlet	½" ball valve	Compressed air tank	Hot-dip galvanised inside and out
Compressor base	Chassis with two PU foam wheels, two castors with brake	Drive transmission	Direct coupling
ZÜS tested	Testing before commissioning can also be carried out by a qualified person		

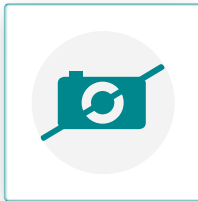
## Accessories ▼



**Maintenance kit**  
ACS 3.5/Special 3.0/B&S 3.7 4000 h


**Article number** ▼ 0206N11L0737    **Availability** ▼ In stock  
Immediate delivery    **Purchase** ▼ Minimum 1 pc(s).    **Price informations** ▼





**Maintenance kit**  
ACS 3,5/Spezial 3,0/B&S 3,7 2000 h

**Article number** ▼ 0206N11L0735    **Availability** ▼ In stock  
Immediate delivery    **Purchase** ▼ Minimum 1 pc(s).    **Price informations** ▼



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