

AC piston compressor AC0401A, 35 l/min - Nitto Kohki 191111004

Item no. NHK-191111004

Manufacturer Nitto Kohki

AC piston compressor for installation in devices and machinery, designed for 230 V at 50 Hz. The series spans rated pressures of 0.1 to 2.0 bar and flow rates of 0.8 to 80 l/min, with many versions rated for continuous duty. Stated service life figures of 3,000 to 10,000 hours keep maintenance predictable. Model AC0401A, 35 l/min.

TECHNICAL DATA

Betriebsdruck max [bar] **0.350000**

Weight **1.9 kg**


DESCRIPTION

When a machine or laboratory instrument has to generate its own compressed air at the point of use, this series covers rated pressures from 0.1 to 2.0 bar and flow rates from 0.8 to 80 l/min. The compressors run on 230 V at 50 Hz and mount directly into the equipment via fixed mounting dimensions.

- No separate air supply line required, as the compressors run straight off 230 V at 50 Hz and draw between 14 and 100 W depending on the model
- Maintenance can be scheduled against the stated service life of 3,000 to 10,000 operating hours
- Continuous processes are possible because most of the series is rated for continuous duty, with 30 and 60 minute duty cycle versions available for higher pressures
- Repeatable installation thanks to defined mounting dimensions from 48 x 62 mm to 102 x 130 mm
- Connects to existing lines through ISO Rc 1/4 and Rc 3/8 female threads or hose nipples of 4.7 and 6 mm outside diameter
- Suitable for portable equipment as well, with unit weights between 0.7 and 5 kg

TECHNICAL DATA

Model	AC0401A
Rated Pressure	0.1 bar
Rated Airflow	35 l/min

Rated Voltage	230 V 120 V
Maximum Pressure	0.35 bar
Power Consumption	38 W 35 W
Rated Frequency	50 Hz 60 Hz
Life Expectancy	10.000 h
Outlet	ISO Rc 1/4 female threaded
Duty Cycle	Continuous
Coil Insulation Class	E or its equivalent (JETL) and B for UL-1450
Mounting Dimensions (L x W)	68 x 84 mm
Gross Weight	1.9 kg
Leadwire Length	200 mm
Article number	191111004

APPLICATIONS

- Compressed air supply in analytical and laboratory instruments
- Aeration and circulation in water treatment
- Leak and function test rigs with low air demand
- Control air for pneumatic actuators in small installations
- Suction and blow-off air in packaging and labelling equipment

OPERATING PRINCIPLE

A coil-driven piston compresses the air inside the cylinder and delivers it at the outlet. Depending on the model, the coil winding is rated to insulation class E or B.

STANDARDS AND COMPLIANCE

Coil insulation is classified E or B to JETL, with class A or B applying under UL-1450 depending on the model.