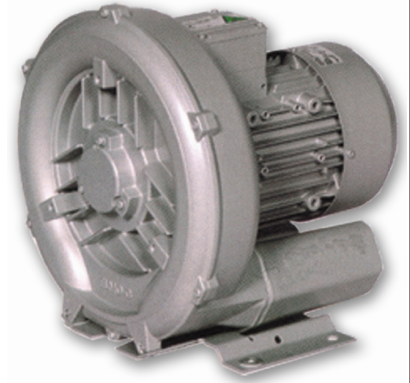


High-pressure blower BH

Technik / Anwendung

- The high pressure blowers can be used for the conveyance of air and not explosive gases and gas air mixtures as pressure or vacuum pump.
- The high pressure blowers works air-cooled, i.e. 100% oil-free
- The aluminum impeller rotates in a case of diecasting with side channel. Air is sucked in and brought by the impeller and the side channel in a screw-shaped course by repeated acceleration on high pressure and shoved out with the outlet air.
- The high pressure blower works in each position and is appropriate for continuous operation.



Application & functioning

Area of use

Screed insulating layer drying process, cavity drying process.

Suitable for drying areas with approx. *

Type BH 300	=	10 - 15 s qm
Type BH 400	=	20 - 30 s qm
Type BH 500	=	40 - 50 s qm

Dimensions & installation

Scope of delivery

Connection box with clamps and put on capacitor are included.

The blowers are serially **without** main cable, motor protection, flanges, hose connectors and rubber feet.

Reference to start-up

The high pressure blowers has to be equipped with an appropriate protective relay for motor. Sucking in firm particles is to be prevented!

Possible air inlet / air outlet

Type BH 300	=	Flange 38 or 50 mm
Type BH 400	=	Flange 38 or 50 mm
Type BH 500	=	Flange 50 mm
Suction side	=	recommended 50 mm

Maintenance

Maintenance-free

Weight

Type BH 300	=	10 kg
Type BH 400	=	15 kg
Type BH 500	=	26 kg

The high pressure blowers are also available completely built in, wired and protected in AERIAL-sound boxes AB 200, AB 500 and AB 1000.

Technical data

Casing

Aluminium die casting

Air volume (free-blowing)

Type BH 300	=	80 cbm/h
Type BH 400	=	144 cbm/h
Type BH 500	=	210 cbm/h

Maximum difference pressure compressor / vacuum

Type BH 300	110 mbar	-110 mbar
Type BH 400	160 mbar	-150 mbar
Type BH 500	200 mbar	-190 mbar

	Motor power	current
Type BH 300	= 370 Watt	2,6 A
Type BH 400	= 800 Watt	5,2 A
Type BH 500	= 1500 Watt	9,0 A

Voltage

230 V / 50 Hz

Conneting cable

Not included

Noise level

Typ BH 300	=	53 dB(A)
Typ BH 400	=	63 dB(A)
Typ BH 500	=	64 dB(A)

Guarantee

24 months from date of purchase (with intended use and installation)

Optionally available accessories

Double nipple, air filter, rubber feet, reducer.

To combinate: Desiccant dryers ASE for low dew points. The high pressure blowers are also available as complete sound box AERIAL AB 200, AB 500 and AB 1000.