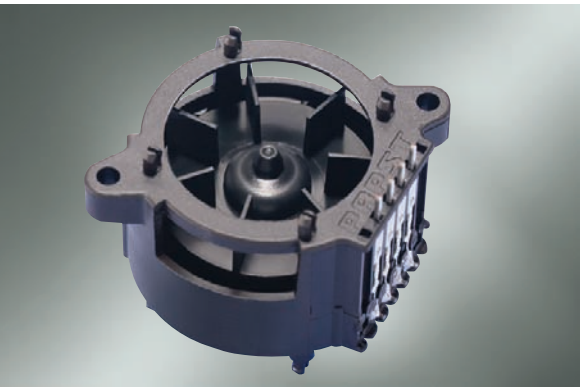
Only available for OEM

DC Sensor Blower

S 2000 Type 002

ebmpapst



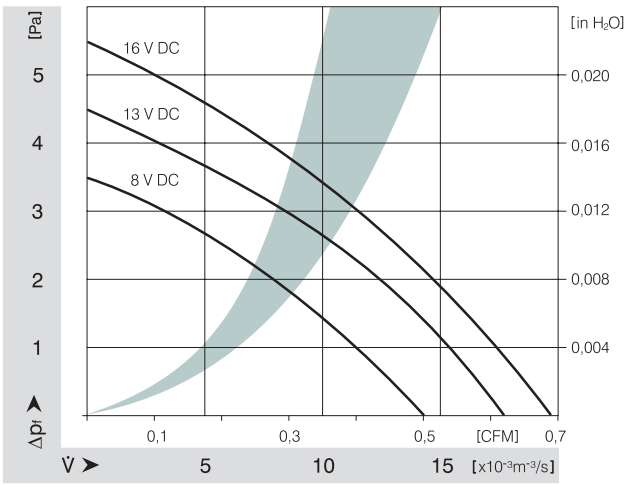
Small sensor blower for active ventilation of temperature sensors used for climate control in cars. The active ventilation avoids mismeasurements due to irradiation of various heat sources. Significant reduced overall size due to the new motor technique of an external rotor motor on pinch pole basis.

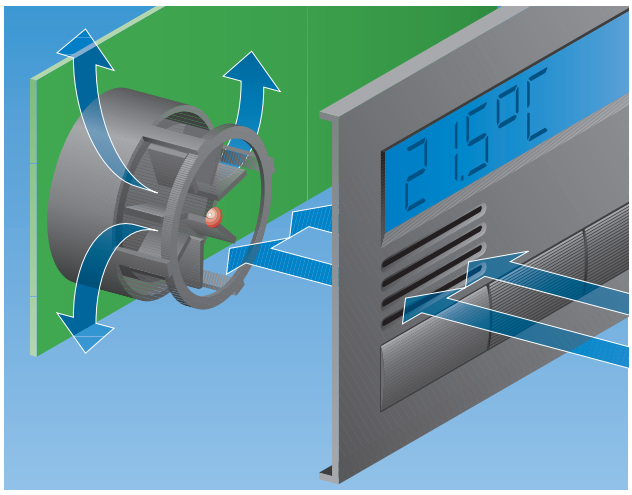
- Version without temperature sensor
- Modular design with possible mechanical fixing also electrical connection from blower suck and back side
- Plug-in version (without drive-electronics)
- Sinter-Bearing-System
- Quality Management ISO/TS 16949

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Nominal data	Voltage Range	Nominal Voltage	Nominal Current (free air)	Nominal Speed (free air)	Max. Flow Rate (free air)	Air Flow	Operating Temp. (blower without electronics)	Storage Temp.	Service life (at 23°C environment temp.)	Noise* (free air)	Mass
Type	**V DC**	**V DC**	**mA**	**rpm**	**x $10^{-3}m^3$/min**	**CFM**	**°C**	**°C**	**h**	**dB (A)**	**g**
934 1706 002	8...16	13	<50	2 650	18	0,64	-40...+95	-40...+100	5 000	<26	14

* Measured at free air delivery. Microphone distance 10 cm. Sensor blower assembled freerunning in elastic bands.
All data are based on the operation with the commutation electronics indicated on the reverse side (average values at nominal voltage).





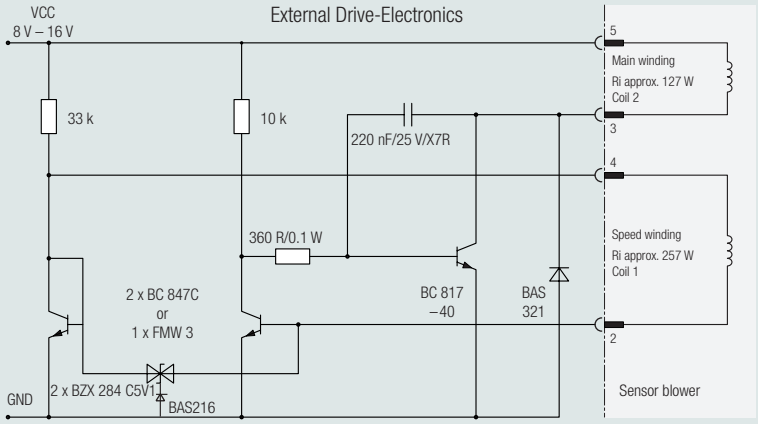
ebm-papst St. Georgen GmbH & Co. KG
Hermann-Papst-Straße 1 • D-78112 St. Georgen • Phone +49 (0) 77 24 / 81-0 • Fax +49 (0) 77 24 / 81-1309 • info2@de.ebmpapst.com • www.ebmpapst.com/de

Wiring diagram

At this S 2000 plug-in variant you are able to integrate the drive-electronics and the temperature sensor on your own choise. Also you can place it on your PCB.

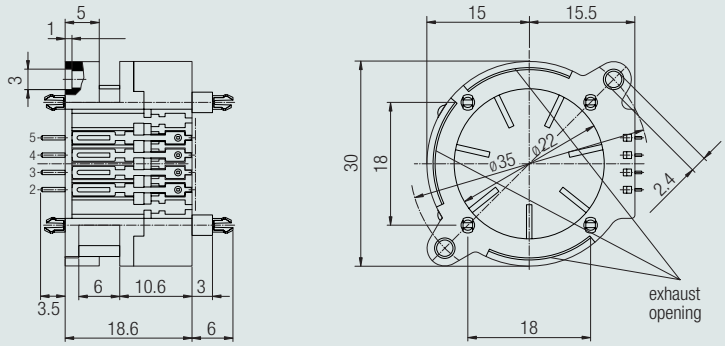
At the wiring diagram we recommend a drive-electronics with protection for high voltage and reversed polarity.

Blower diagnosis with special equipped drive-electronics possible (wiring diagram on request).



Dimensions

All measures in mm. Engineering drawing with tolerance indication on request.



Fixing

Mounting by clip or screw fixing on the PCB.

Electrical terminals via soldering pins (terminals are not suitable for plug-type connection).

Gold plated pins for a direct plug-type connection on request.

