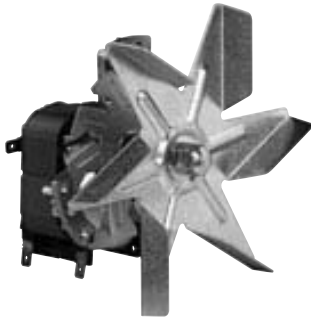


# RRL152 Series

# Hot Air Fans

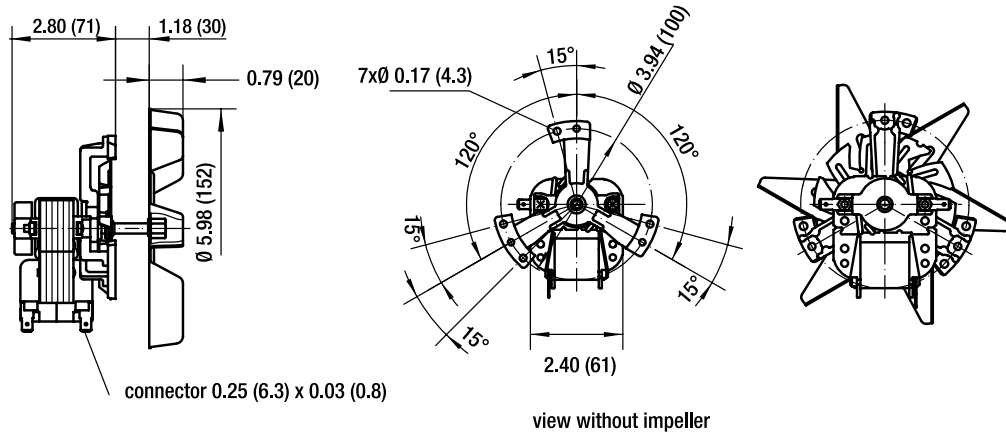


- Sintered sleeve bearing with additional lubricant depot for bearing temperature up to max. 120 °C.
- Mounting position: horizontal shaft.
- Insulation class H (EN 60335).
- Impeller: FAL sheet steel

Part Number	Model Number	VAC	Hertz	Airflow (CFM)*	Max. Static Pressure (Pa)	Power Input (W)*	Speed* (RPM)	Weight (lbs.)	Recommended Air Intake (c)
BF55462.40100	RRL152-3030LH	115	60	105	190	41	1800	2.2	120

\* Data based on free delivery conditions. Subject to alterations.

RRL 152



# Hot Air Blowers

Hot air circulation fans are designed for the special requirements in circulating hot air, e.g. in ovens, climate cabinets, sterilisation units, meal and dish warmers and similar appliances.

The basic design comprises a shaded pole motor mounted outside the hot area using special mounting plates and a radial impeller made of FAL sheet steel, stainless steel or die-cast aluminum, which operates within the high temperature zone.

Equipment for generating hot air is not supplied by ebm-papst and may, e.g., take the form of a ring heater mounted around the hot air impeller.

Depending on the type or requirements, sintered sleeve bearings with high temperature-resistant lubricant or ball bearings may be used.

The maximum permissible bearing temperature is 120° C.

Versions with sleeve bearings may only be used with a horizontal shaft, but any shaft position is possible if ball bearings are used.

The winding complies with insulation class H (EN60335).

Depending on the measures taken for thermal insulation between motor and impeller and the impeller material, circulation temperatures of up to approx. 250° C, temporarily even up to 500° C (e.g. for pyrolytic self-cleaning processes in ovens) can be managed.

The standard types described below are only a selection taken from the wide range of possibilities. The circulation capacities they can achieve depend to a large extent, on the mounting situations, i.e. the specified values for air flow, pressure and speed are only general benchmark figures in typical mounting conditions.

For serial use, motor rating, mounting, shaft length and impeller can be adjusted to suit specific requirements.

