

Max. 370 m<sup>3</sup>/h

# Energy-saving axial fans

Ø 130 mm



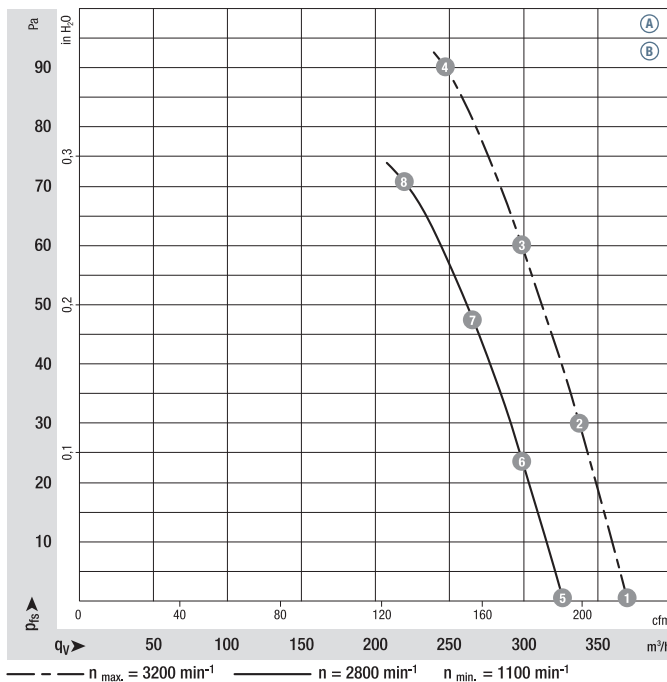
- **Material:** Housing: PP plastic, fiberglass-reinforced; Blades: PA plastic, fiberglass-reinforced
- **Number of blades:** 7
- **Direction of air flow:** "V", exhaust over struts
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Degree of protection:** IP 54
- **Insulation class:** "B"
- **Installation position:** Any
- **Condensation drainage holes:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Nominal speed	Max. power consumption <sup>(1)</sup>	Max. input current <sup>(1)</sup>	Max. back-pressure	Admissible amb. temp.	Weight	Connection diagram
Type	Motor	VAC	Hz	rpm <sup>-1</sup>	W	A	Pa	°C	kg		
<b>W1G130-AA49 -01</b>	M1G055-AI	Ⓐ 1~115	50/60	3200	24	0.38	90	-30..+60	0.75	p. 264 / J7)	
<b>W1G130-AA25 -01</b>	M1G055-AI	Ⓑ 1~230	50/60	3200	24	0.19	90	-30..+70	0.75	p. 264 / J7)	

Subject to change

<sup>(1)</sup> Nominal data in operating point with maximum load and 115 or 230 VAC

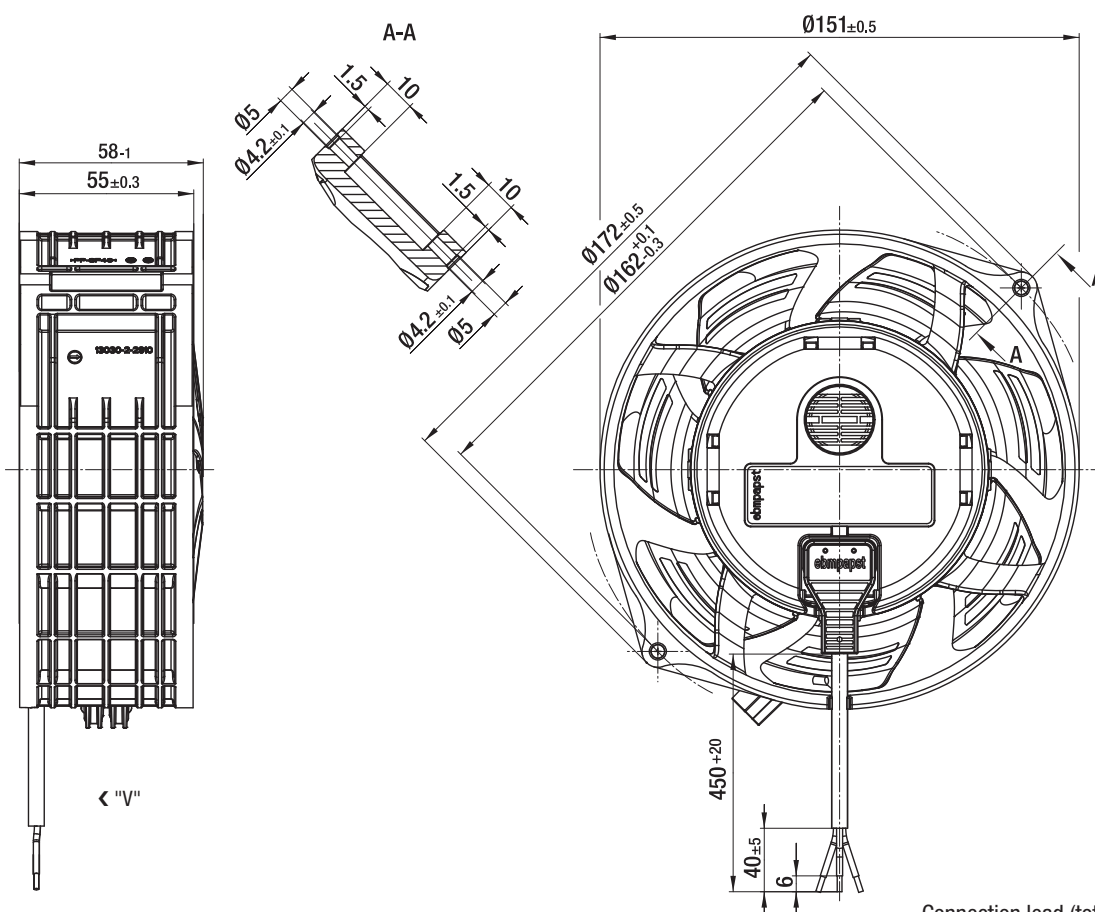
## Curves:



	n	P <sub>ed</sub>	I	L <sub>wA</sub>
	rpm <sup>-1</sup>	W	A	dB(A)
Ⓐ 1	3200	23	0.38	63
Ⓐ 2	3200	24	0.38	61
Ⓐ 3	3200	24	0.38	60
Ⓐ 4	3200	24	0.38	63
Ⓐ 5	2800	16	0.26	60
Ⓐ 6	2800	16	0.26	58
Ⓐ 7	2800	16	0.26	57
Ⓐ 8	2800	16	0.26	60
Ⓑ 1	3200	23	0.19	63
Ⓑ 2	3200	24	0.19	61
Ⓑ 3	3200	24	0.19	60
Ⓑ 4	3200	24	0.19	63
Ⓑ 5	2800	16	0.13	60
Ⓑ 6	2800	16	0.13	58
Ⓑ 7	2800	16	0.13	57
Ⓑ 8	2800	16	0.13	60

Air performance measured according to: ISO 5801, installation category A, in ebm-papst full nozzle without contact protection. Suction-side noise levels: L<sub>wA</sub> according to ISO 13347, L<sub>pA</sub> measured at 1 m distance from fan axis. The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation from the standard configuration, the parameters must be checked after installation! For detailed information see <http://www.ebmpapst.com/general-conditions>

- **Motor protection:** Via electronics and thermal overload protector
- **Electrical hookup:** Plug-in connection on motor side
- **Protection class:** II
- **Conformity with standard(s):** CE; EN 60335-1
- **Approvals:** VDE, GOST (are available); UL, CSA (are applied for)
- **Speed:** Using the programming unit 2 speeds between  $n_{min}$  and  $n_{max}$  can be programmed



Connection lead (total length 450 mm) is fitted ex works and can be detached.