

# AC centrifugal blowers

dual inlet, Ø 146



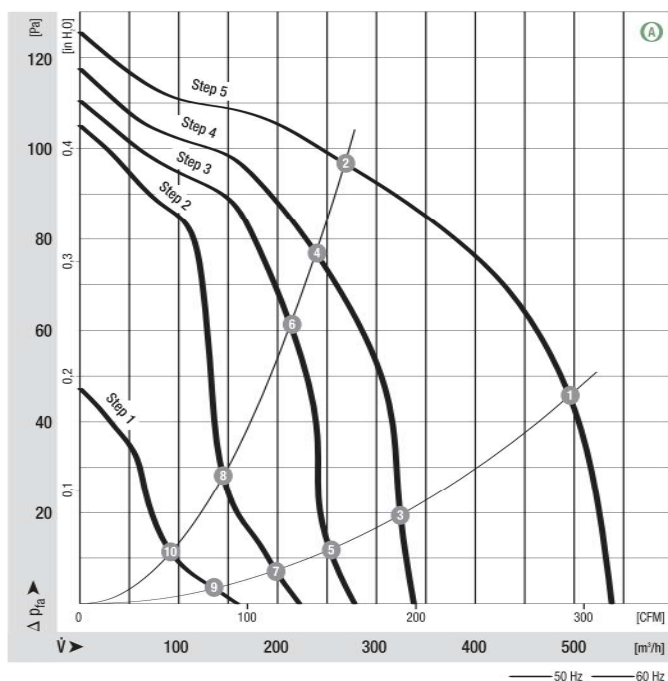
- **Material:** Housing: PP plastic, black  
Impeller: PA plastic, black  
Rotor: Partially cast in aluminium  
Terminal box: PP plastic, black
- **Direction of rotation:** Counter-clockwise, seen on cable exit
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** 5-step blower with integrated terminal box, EW motor anti-vibration mounted on both sides
- **Bearings:** Maintenance-free ball bearings

## Nominal data

Type	Motor	Curve	Nominal voltage VAC	Frequency Hz	Air flow m³/h	Speed/rpm	Power input W	Current draw A	Capacitor µF/VDB	Sound pressure level dB(A)	Min. back pressure Pa	Perm. amb. temp. °C	Electr. connection
D4E 146	M4E 068-CF	A	1~ 230 1~ 230	50 60	565 510	780 710	65 68	0.29 0.30	2.0/400 2.0/400	46 42	0 0	-25 to +50 -25 to +40	—

subject to alterations

## Curves



	n [rpm]	P <sub>1</sub> [W]	I [A]	Lp <sub>A</sub> [dB(A)]
A 1	1080	58	0.25	45
A 2	1345	43	0.19	46
A 3	695	52	0.23	33
A 4	1210	39	0.18	43
A 5	560	48	0.22	26
A 6	1080	40	0.19	39
A 7	450	20	0.16	21
A 8	735	20	0.16	29
A 9	315	13	0.13	17
A 10	475	13	0.13	20

- **Motor protection:** TOP wired internally
- **Connection leads:** Via plug
- **Protection class:** I
- **Capacitor:** FPU (P2) integrated in terminal box completely wired up and ready for plug-in
- **Product conforming to standards:** EN 60335-1, CE



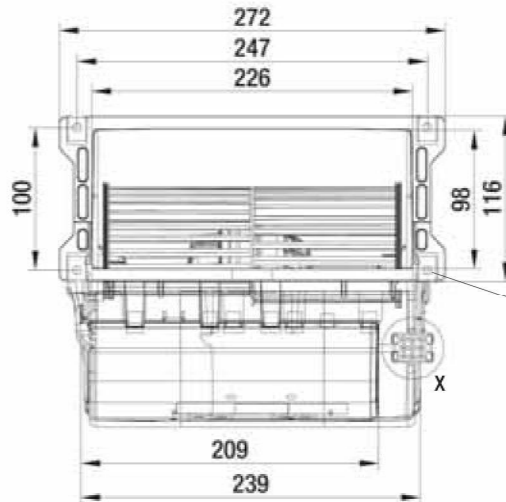
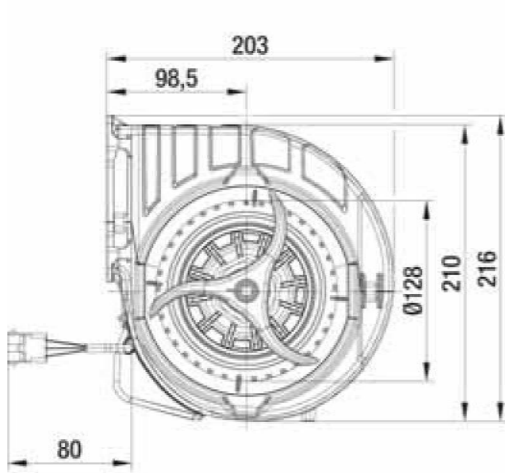
Mass of centrifugal blower

Centrifugal blower with flange

kg

D4E 146-LV19 -14

2.5

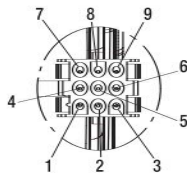


4 x sheet metal nut for thread EN ISO 1478-ST4.8 (min. screw length 14.5 mm plus thickness of mounting material)

**View X**

AMP Universal Mate-N-Lok coded plug system  
 Connector shell: AMP 927 231-3  
 7 x plug pin: AMP 926 886-1

- 1 = Step 1 (min.)
- 2 = Step 2
- 3 = Step 3
- 4 = Step 4
- 5 = Step 5 (max.)
- 8 = N
- 9 = Protective earth



**Electrical connection:**  
 When changing speeds, switch must break the circuit

