

AC centrifugal blowers

dual inlet, Ø 140



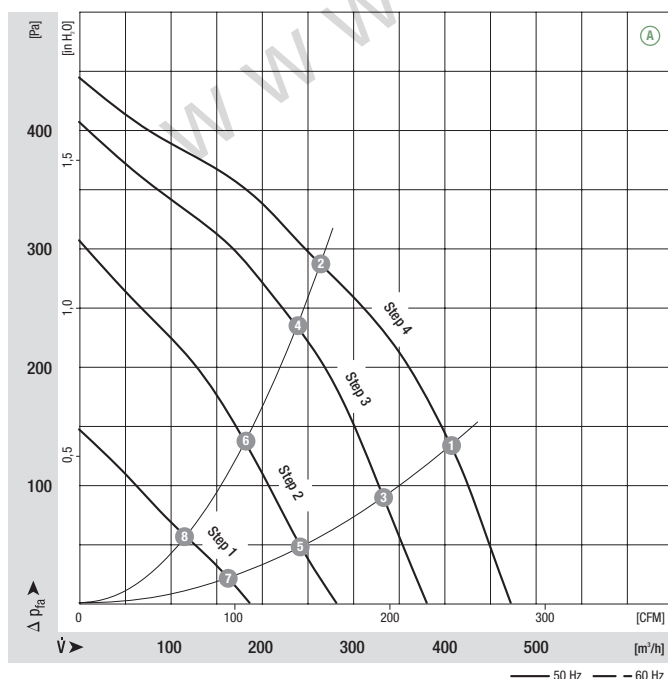
- **Material:** Housing: PP plastic, black
Impeller: PP plastic, white
Rotor: Partially cast in aluminium
Terminal box: PP plastic, black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** 4-step blower with integrated terminal box, standard external-rotor motor anti-vibration mounted on one side
- **Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Min. back pressure	Perm. amb. temp.	Electr. connection
			VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	Pa	°C	
D2E 140	M2E 068-CF	Ⓐ	1~ 230 1~ 230	50 60	470 430	1150 1050	130 130	0.58 0.58	2.0/400 2.0/400	58 56	0 0	-25 to +50 -25 to +40	—

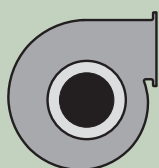
subject to alterations

Curves



n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
Ⓐ 1 1675	118	0.51	56
Ⓐ 2 2235	100	0.43	59
Ⓐ 3 1385	93	0.41	52
Ⓐ 4 2020	80	0.36	56
Ⓐ 5 1000	73	0.33	46
Ⓐ 6 1540	68	0.31	49
Ⓐ 7 690	56	0.26	36
Ⓐ 8 1015	55	0.25	38

- **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 60335-2-31, CE
- **Approvals:** VDE



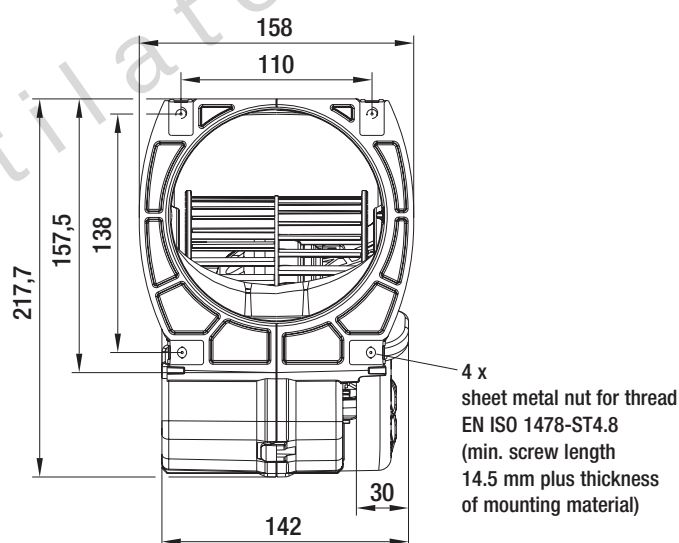
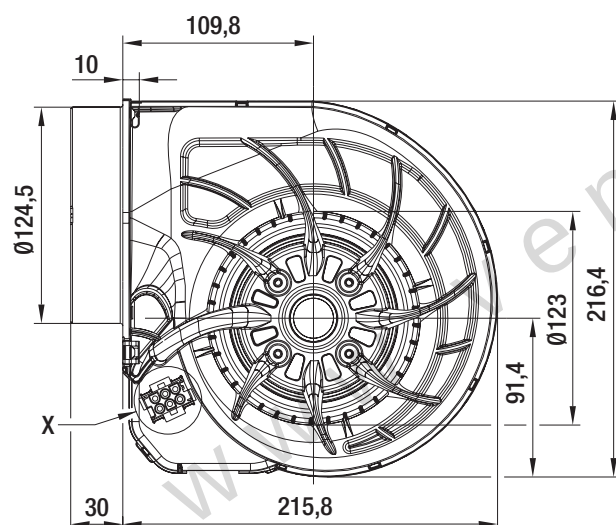
Mass of
centrifugal blower

Centrifugal blower
with flange

kg

D2E 140-HR97 -07

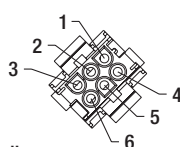
2.3



View X

AMP Universal Mate-N-Lok coded plug system
Connector shell: AMP 926 682-3
6 x plug pin: AMP 926 886-1

- | | |
|----------------------|--------------|
| 1 = Step 1 (min.) | white |
| 2 = Step 2 | red |
| 3 = Step 3 | grey |
| 4 = Step 4 (max.) | black |
| 5 = N | blue |
| 6 = Protective earth | green/yellow |



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

