AC centrifugal blowers

dual inlet, Ø 140

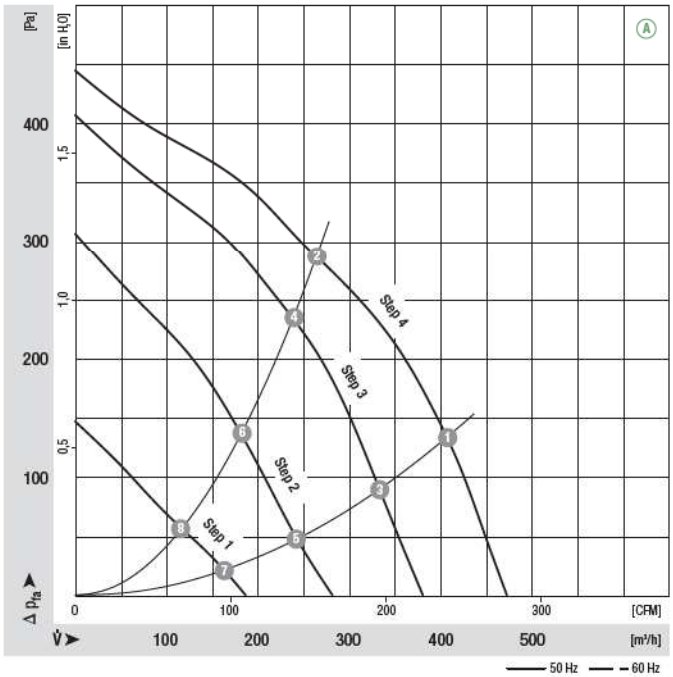
- **Material:** Housing: PP plastic, black
  Impeller: PP plastic, white
  Rotor: Partially cast in aluminium
  Terminal box: PP plastic, black
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate 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	50	470	1150	130	0.58	2.0/400	58	0	-25 to +50	—
			1~ 230	60	430	1050	130	0.58	2.0/400	56	0	-25 to +40	

subject to alterations

Curves

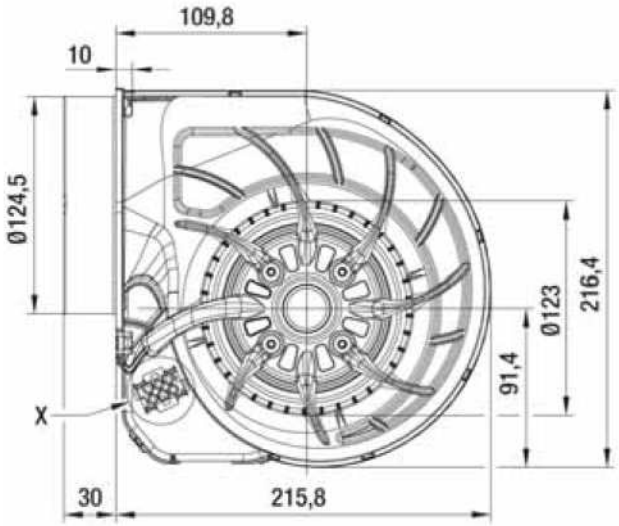


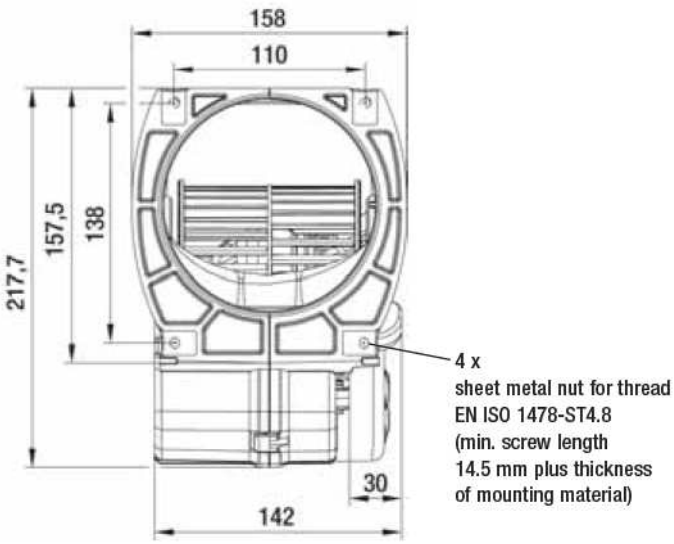
	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]
Ⓐ 1	1675	118	0.51	56
Ⓐ 2	2235	100	0.43	59
Ⓐ 3	1385	93	0.41	52
Ⓐ 4	2020	80	0.36	56
Ⓐ 5	1000	73	0.33	46
Ⓐ 6	1540	68	0.31	49
Ⓐ 7	690	56	0.26	36
Ⓐ 8	1015	55	0.25	38

ebmpapst

- **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

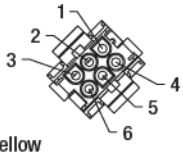
Centrifugal blower with flange	Mass of centrifugal blower kg
D2E 140-HR97 -07	2.3



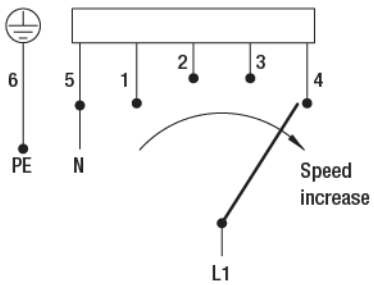


View X
AMP Universal Mate-N-Lok coded plug system
Connector shell: AMP 926 682-3
6 x plug pin: AMP 926 886-1

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



Guard grille p. 556
Connection lead p. 558
Capacitor p. 560 f.