

AC centrifugal blowers

dual inlet, Ø 160



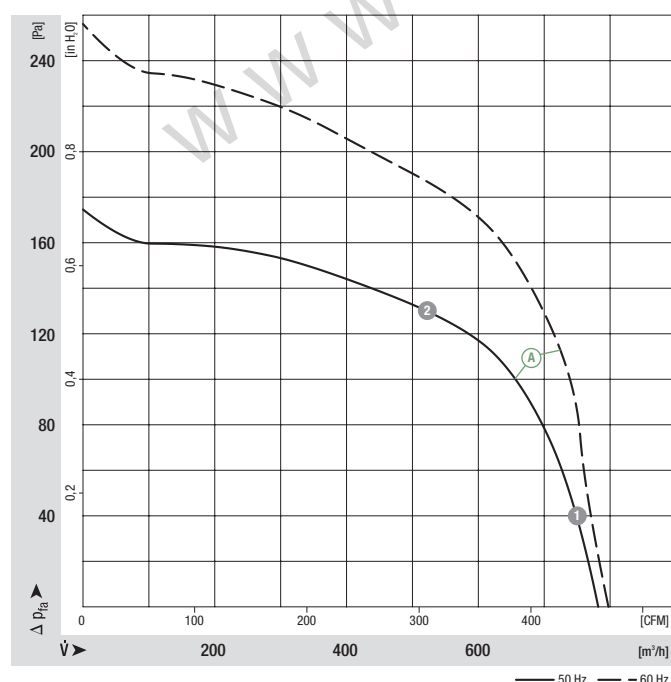
- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** Standard external-rotor motor mounted via brackets on one side
- **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 p. 596 f.
D4E 160	M4E 068-DF	Ⓐ	1~ 230 1~ 230	50 60	780 820	1200 1200	117 140	0.51 0.62	3.0/450 3.0/450	58 58	0 0	-25 to +55 -25 to +40	A1)

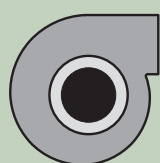
subject to alterations

Curves



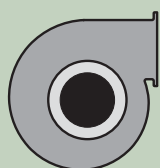
	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	1230	114	0.50
Ⓐ 2	1360	93	0.41

- **Motor protection:** TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC



Centrifugal blower
without flange

D4E 160-DA01 -02



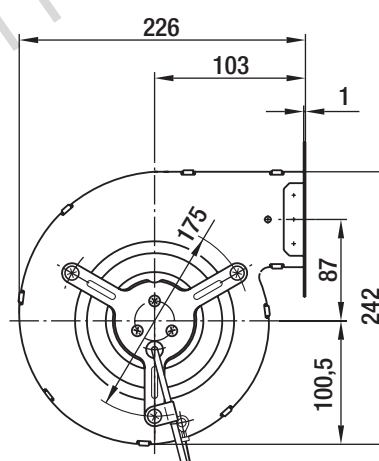
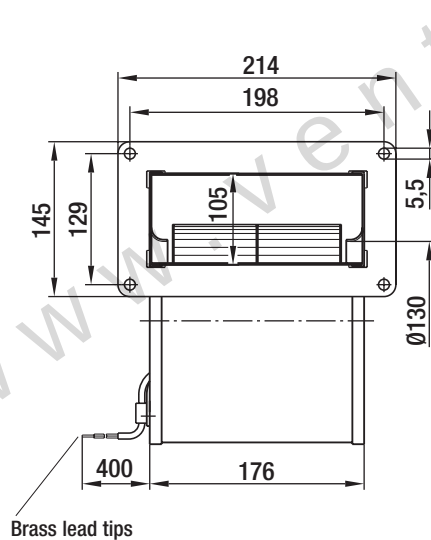
Centrifugal blower
with flange

D4E 160-DA01 -22

Mass of
centrifugal blower

kg

4.3



AC centrifugal blowers

dual inlet, Ø 160



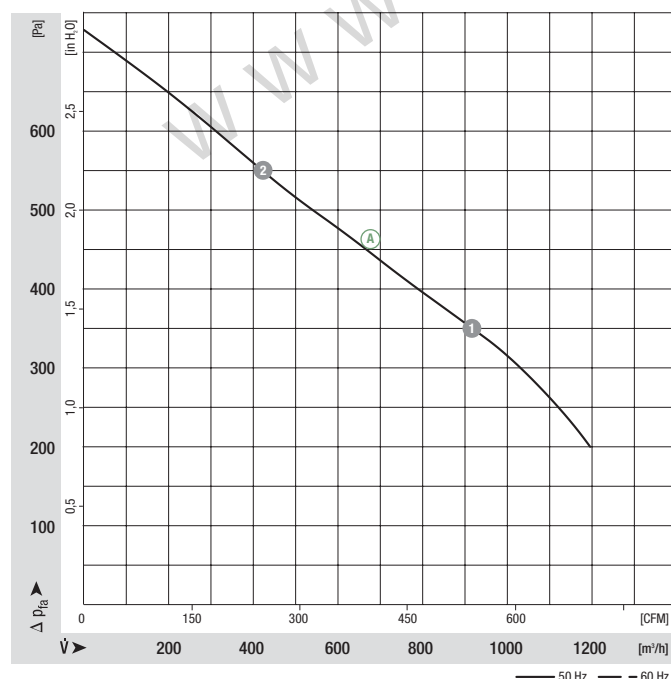
- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Counter-clockwise, seen on rotor (opposite cable exit)
- **Type of protection:** IP 20
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** 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 p. 596 f.
D2E 160	M2E 074-FA	Ⓐ	1~ 230	50	1195	1850	410	1.80	10.0/400	64	200	-25 to +40	A1)

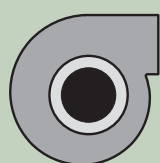
subject to alterations

Curves



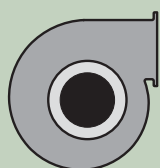
	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	2265	380	1.67
Ⓐ 2	2520	338	1.50

- **Motor protection:** TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC, GOST



Centrifugal blower
without flange

D2E 160-AB01 -06



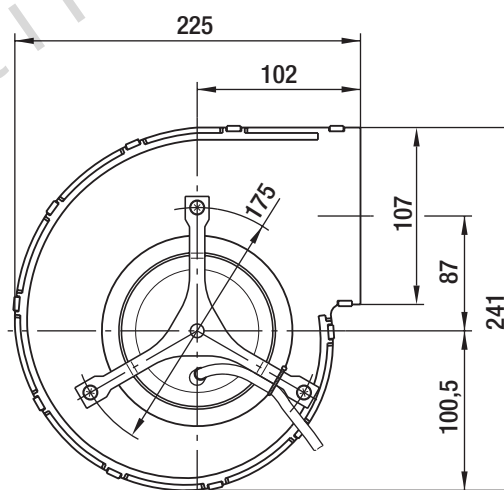
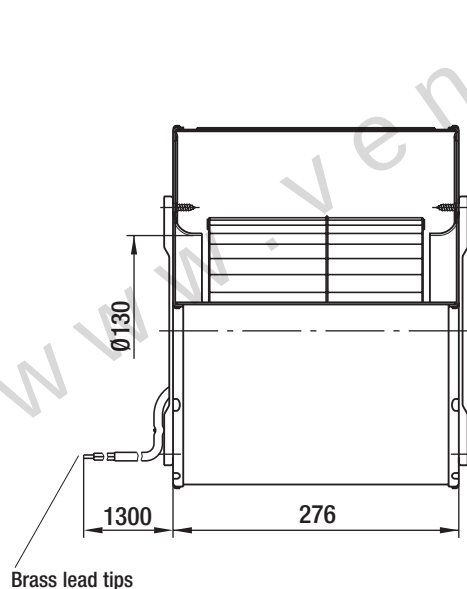
Centrifugal blower
with flange

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Mass of
centrifugal blower

kg

5.7



AC centrifugal blowers

dual inlet, Ø 160



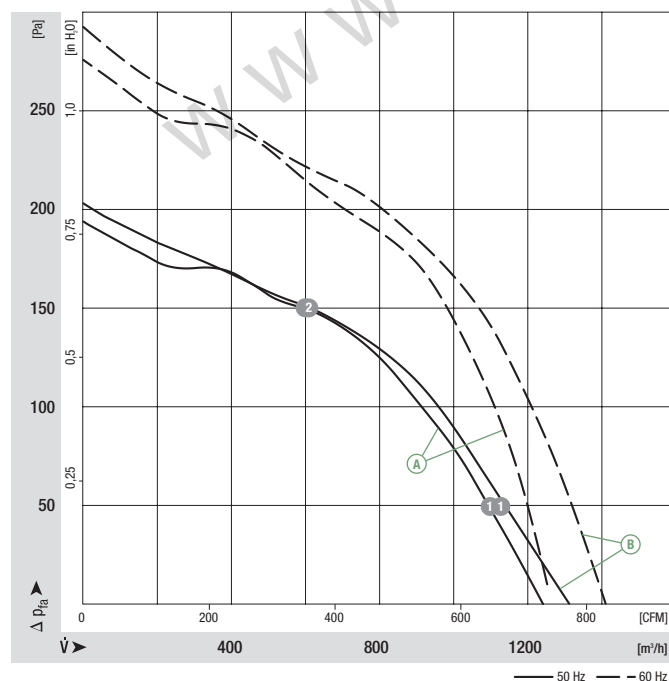
- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Counter-clockwise, seen on rotor (opposite cable exit)
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Design:** EW motor anti-vibration mounted on both sides
- **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	p. 596 f.
D4E 160	M4E 068-EC	A	1~ 230 1~ 230	50 60	1240 1250	1300 1350	180 245	0.79 1.07	5.0/400 5.0/400	63 64	0 10	-25 to +65 -25 to +30	A1)
D4E 160	M4E 068-GA	B	1~ 230 1~ 230	50 60	1310 1410	1350 1450	185 270	0.81 1.18	6.0/400 6.0/400	64 67	0 0	-25 to +70 -25 to +40	A1)

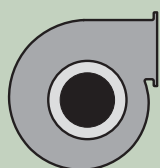
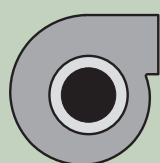
subject to alterations

Curves



	n [rpm]	P ₁ [W]	I [A]
A 1	1355	153	0.67
A 2	1445	100	0.43
B 1	1400	154	0.68
B 2	1460	103	0.46

- **Motor protection:** TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC, GOST
- **Options:** With flange



Mass of
centrifugal blower

Dimensions

Centrifugal blower
without flange

Centrifugal blower
with flange

kg

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D4E 160-EG06 -05

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4.5

232.0

D4E 160-FH12 -05

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5.9

276.0

