

AC centrifugal blowers

dual inlet, Ø 180



- **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 54
- **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

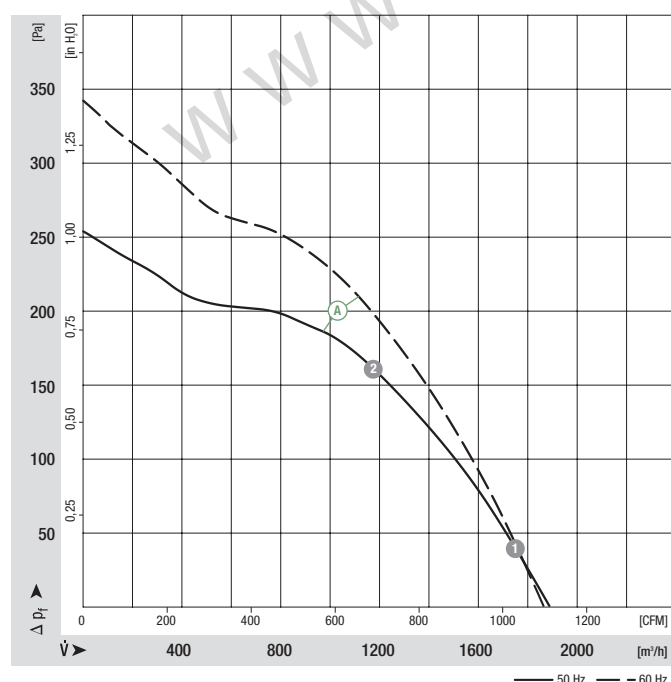
Type	Motor	Curve	Nominal voltage VAC	Frequency Hz	Air flow m³/h	Speed/rpm	Power input W	Current draw A	Capacitor µF/VDB	Sound pressure level dB(A)	Min. back pressure Pa	Perm. amb. temp. °C	Electr. connection p. 596 f.
D4D 180 ⁽¹⁾⁽²⁾	M4D 068-GA	Ⓐ	3~ 230/400 3~ 230/400	50 60	1880 1860	1050 1030	290 360	0.92/0.53 1.04/0.60	— —	62 62	0 0	-25 to +55 -25 to +30	C1)/C2)

subject to alterations

(1) data collected via exhaust duct (step diffuser, 1 m length)

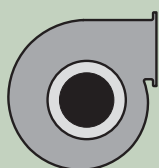
(2) 230 VAC Δ / 400 VAC Y

Curves

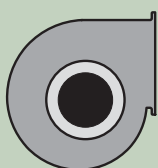


	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	1100	260	0.83/0.48
Ⓐ 2	1275	175	0.56/0.32

- **Motor protection:** Without thermal protection
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC



Centrifugal blower
with flange



Radial blower
with flange (large)

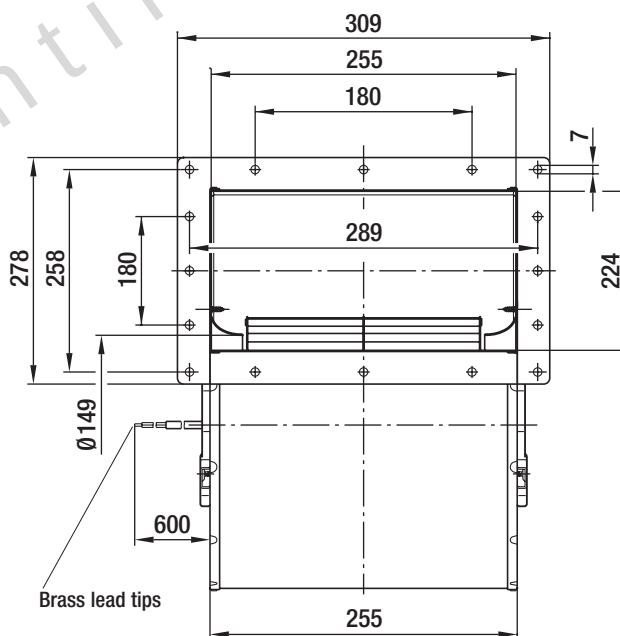
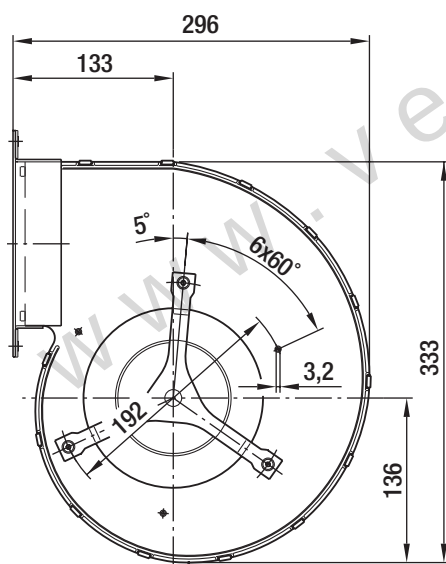
Mass of
centrifugal blower

kg

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D4D 180-CB01 -02

9.5



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dual inlet, Ø 180



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- **Type of protection:** IP 54
- **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

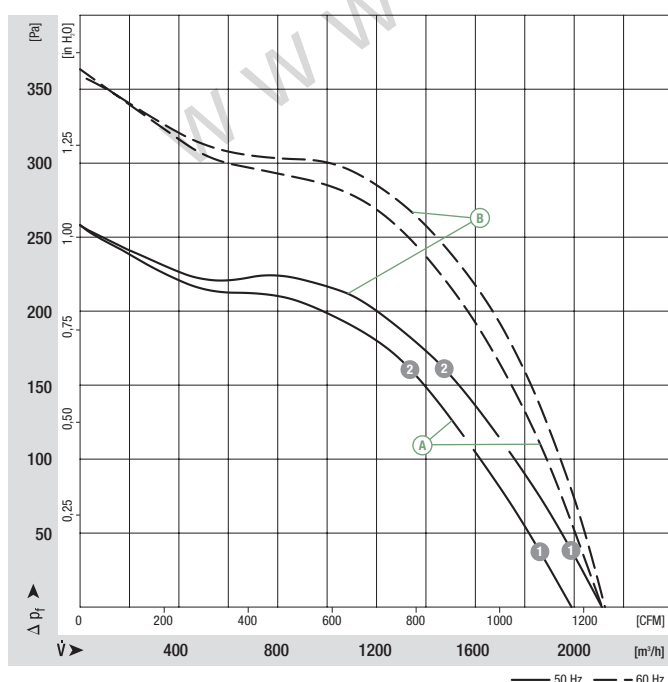
Nominal data

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 180	M4E 068-LA	(A)	1~ 230	50	1900	1300	360	1.58	10.0/400	65	0	-25 to +65	A1)
			1~ 230	60	2040	1360	460	2.02	10.0/400	66	0	-25 to +40	
D4E 180⁽¹⁾	M4E 068-LA	(B)	1~ 230	50	2110	1250	380	1.68	10.0/400	64	0	-25 to +60	A1)
			1~ 230	60	2125	1280	495	2.16	10.0/400	64	0	-25 to +35	

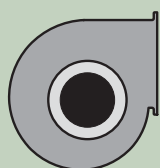
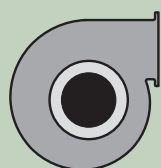
subject to alterations

(1) data collected via exhaust duct (step diffuser, length 1 m)

Curves



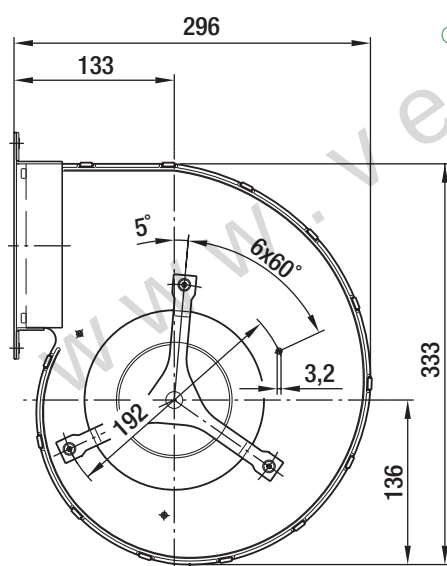
- **Motor protection:** TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC,  also GOST



Mass of
centrifugal blower

Dimensions

Centrifugal blower with flange	Centrifugal blower with flange (large)	kg	C	D	E	S
D4E 180-BA02 -02	—	11.0	188.0	168.0	134.0	90.0
—	D4E 180-CA02 -02	10.8	278.0	258.0	224.0	180.0



 Hole with large
flange only

