

AC centrifugal fan and blower

single inlet, Ø 140

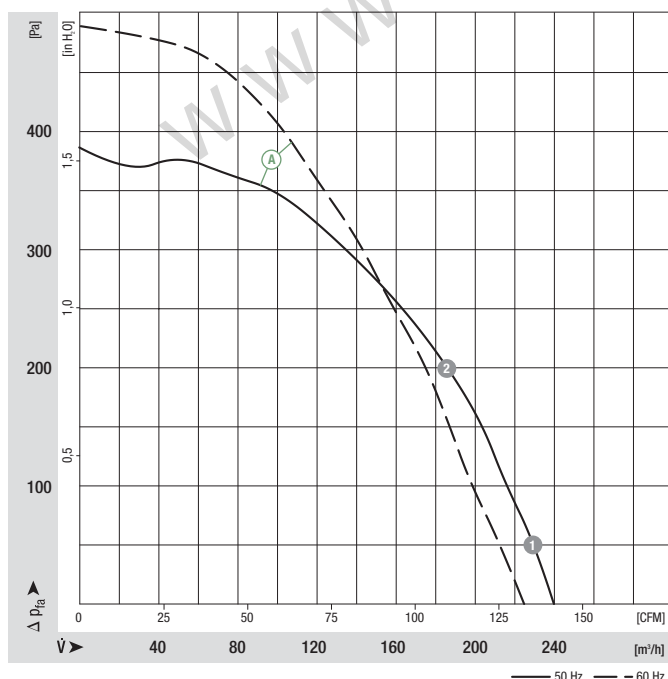


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor		VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	Pa	°C	p. 596 f.
*2E 140	M2E 052-CA	Ⓐ	1~ 230 1~ 230	50 60	240 225	1350 1300	63 70	0.29 0.31	1.5/400 1.5/400	55 53	0 0	-25 to +45 -25 to +35	A1)

subject to alterations

Curves



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

General
information

AC centrifugal,
backward

AC centrifugal,
forward

EC centrifugal,
backward

EC centrifugal, back-
ward for clean rooms

EC centrifugal,
forward

EC-SYSTEMS

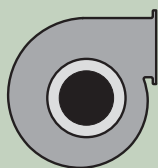
Accessories

Technology

Contacts



Mass of
centrifugal fan



Mass of
centrifugal blower

Centrifugal fan

kg

Centrifugal blower
with flange

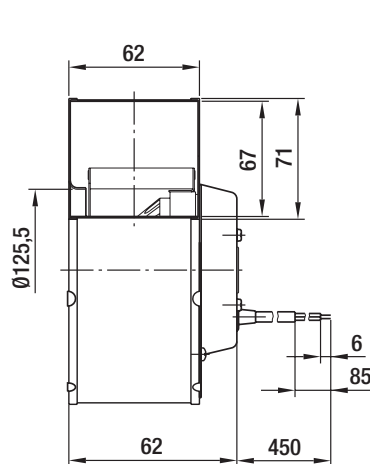
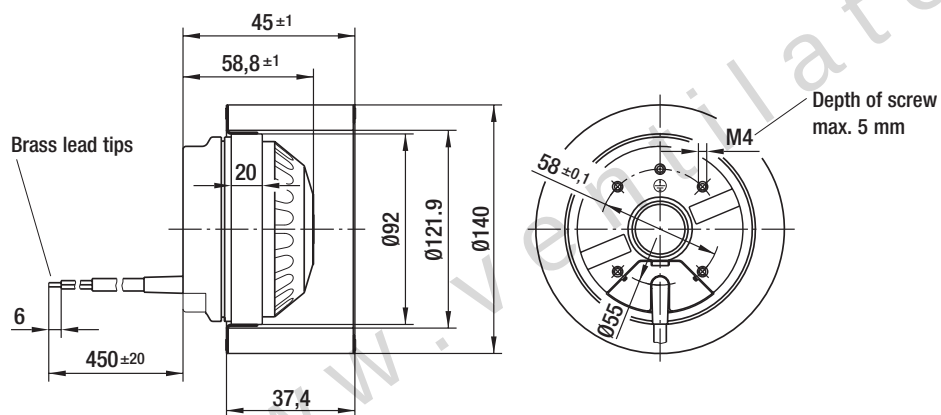
kg

R2E 140-BI52 -05

1.4

G2E 140-DI52 -01

1.9



AC centrifugal fan and blower

single inlet, Ø 140

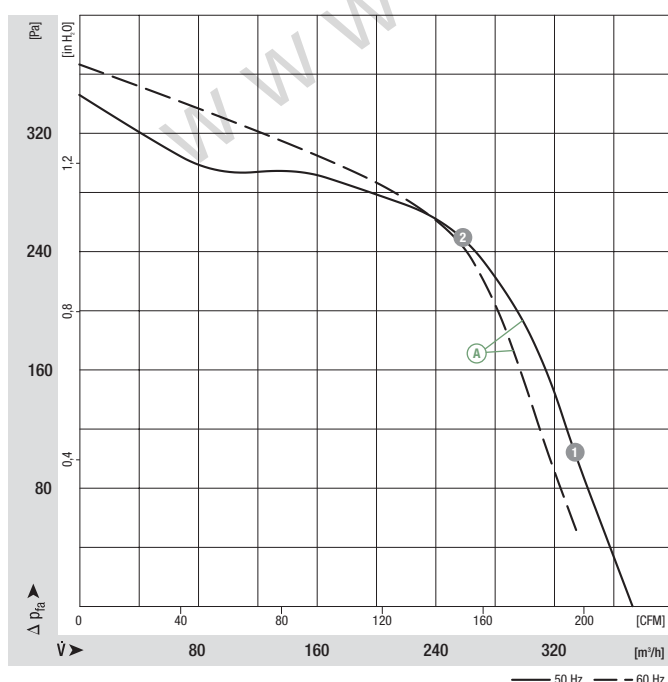


- **Material:** Housing: Die-cast aluminium
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor		VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	Pa	°C	p. 596 f.
*2E 140	M2E 068-BF	Ⓐ	1~ 230 1~ 230	50 60	370 335	1400 1500	105 115	0.46 0.51	2.0/450 2.0/450	59 57	0 50	-25 to +40 -25 to +45	A1)

subject to alterations

Curves



	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	1700	98	0.43
Ⓐ 2	2100	89	0.40

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

General
information

AC centrifugal,
backward

AC centrifugal,
forward

EC centrifugal,
backward

EC centrifugal, back-
ward for clean rooms

EC centrifugal,
forward

EC-SYSTEMS

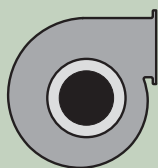
Accessories

Technology

Contacts



Mass of
centrifugal fan



Mass of
centrifugal blower

Centrifugal fan

kg

Centrifugal blower
with flange

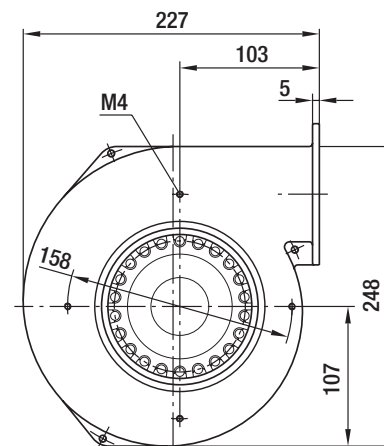
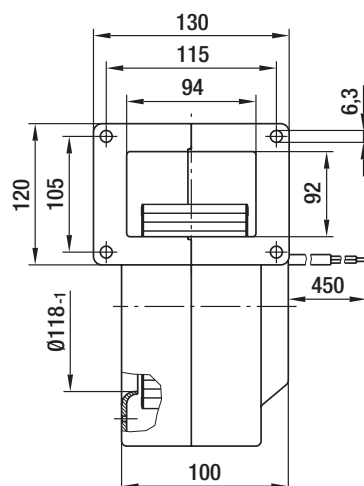
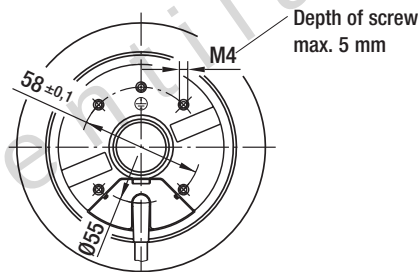
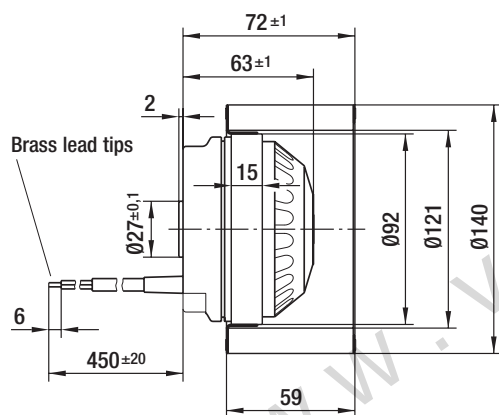
kg

R2E 140-AE77 -05

1.2

G2E 140-AE77 -01

2.6



AC centrifugal fans and blowers

single inlet, Ø 140

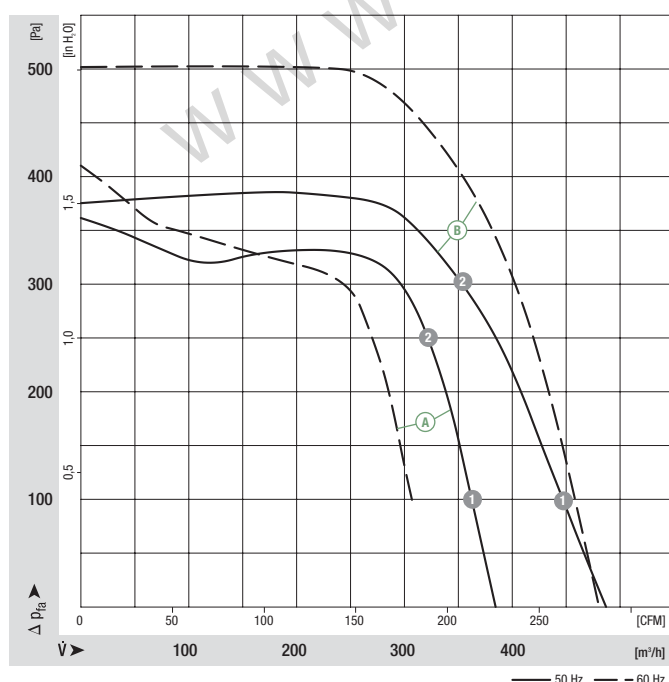


- **Material:** Housing: Die-cast aluminium
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor		VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	Pa	°C	p. 596 f.
*2E 140	M2E 068-CF	A	1~ 230	50	385	1650	135	0.60	2.0/400	63	0	-25 to +55	A1)
			1~ 230	60	305	1700	145	0.64	2.0/400	60	100	-25 to +40	
*2E 140	M2E 068-DF	B	1~ 230	50	485	2400	160	0.70	4.0/400	72	0	-25 to +70	A1)
			1~ 230	60	480	2350	205	0.90	4.0/400	71	0	-25 to +45	

subject to alterations

Curves



	n [rpm]	P ₁ [W]	I [A]
A 1	1900	128	0.57
A 2	2200	117	0.52
B 1	2485	148	0.65
B 2	2630	128	0.57

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

General
information

AC centrifugal,
backward

AC centrifugal,
forward

EC centrifugal,
backward

EC centrifugal, back-
ward for clean rooms

EC centrifugal,
forward

EC-SYSTEMS

Accessories

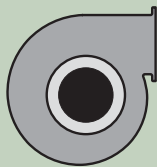
Technology

Contacts



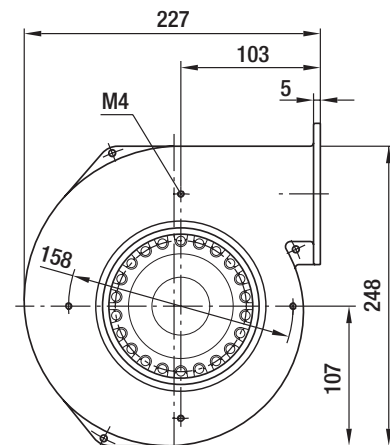
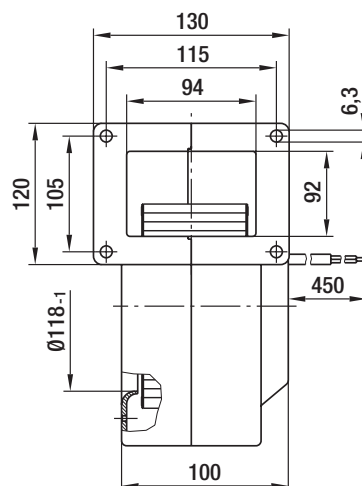
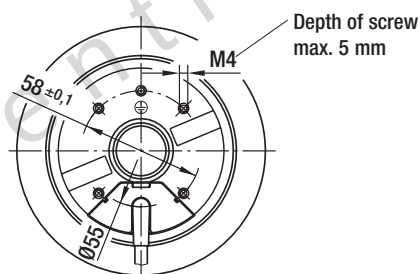
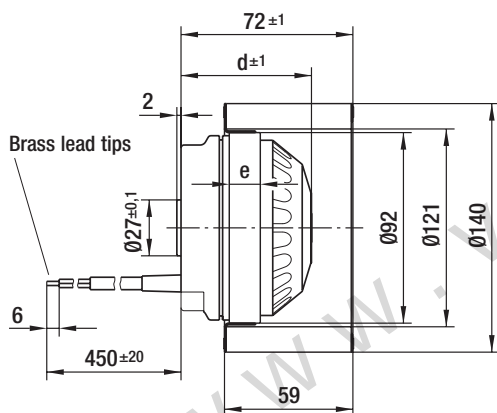
Mass of
centrifugal fan

Dimensions



Mass of
centrifugal blower

Centrifugal fan	kg	d	e	Centrifugal blower with flange	kg
R2E 140-AL40 -05	1.7	73.0	25.0	G2E 140-AL40 -01	3.0
R2E 140-AI28 -05	2.1	83.0	35.0	G2E 140-AI28 -01	3.4



AC centrifugal blowers

single inlet, Ø 140



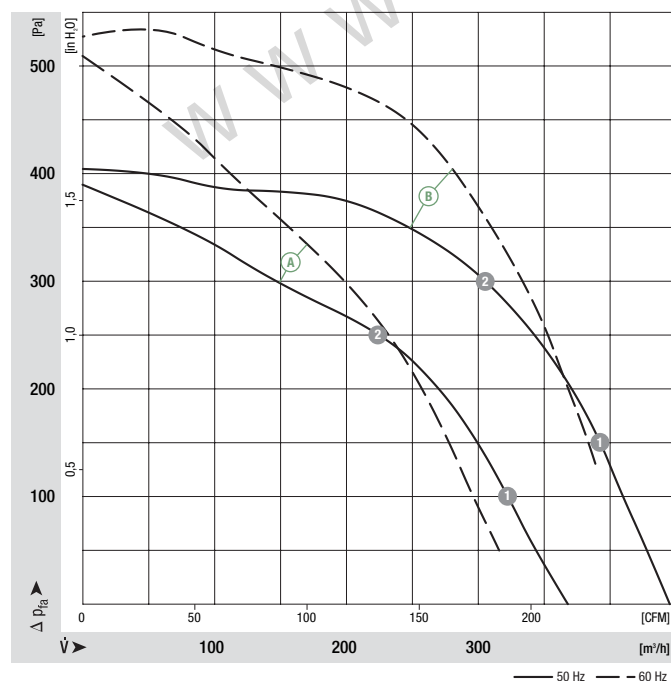
- **Material:** Housing: Heat-resistant plastic
Impeller: (A) heat-resistant plastic, (B) galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **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.
G2E 140	M2E 068-BF	(A)	1~ 230	50	370	1650	105	0.46	2.0/400	59	0	-25 to +55	A1)
			1~ 230	60	315	1700	115	0.51	2.0/400	57	50	-25 to +40	
G2E 140	M2E 068-CF	(B)	1~ 230	50	445	2000	137	0.60	3.0/400	65	0	-25 to +65	A1)
			1~ 230	60	390	2150	155	0.68	3.0/400	64	130	-25 to +50	

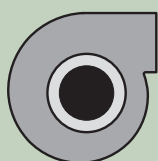
subject to alterations

Curves



	n [rpm]	P ₁ [W]	I [A]
(A) 1	1910	98	0.43
(A) 2	2280	86	0.38
(B) 1	2220	123	0.54
(B) 2	2470	105	0.46

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



Mass of centrifugal blower

Centrifugal blower without flange

kg

G2E 140-NS38 -01

1.6

G2E 140-NL33 -01

1.6

