

RADIAL FAN

DFE 133-4 AC



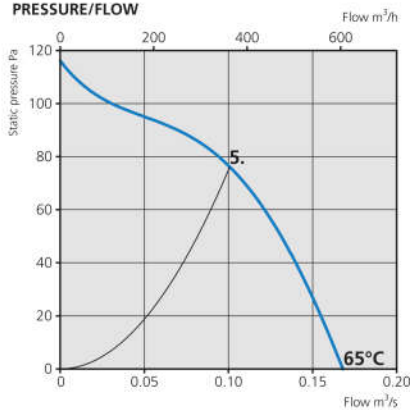
- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

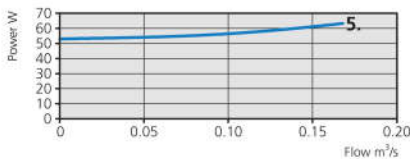
ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

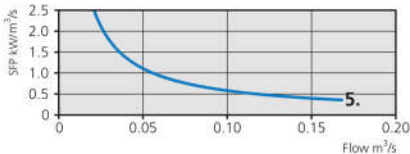
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

Measured when connected to duct on the outlet.

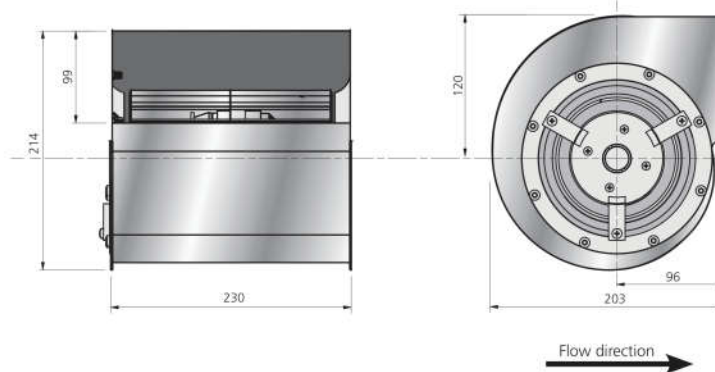
TECHNICAL DATA

DFE 133-4 AC	Art.no. 3097025
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.28 A
Power	63 W
Speed (Pole no. 4)	1120 rpm
Capacitor	2 µF
Max. temperature of transported air	65 °C
Max. temperature of transported air when speed controlled	65 °C
Sound pressure level at 3 m	49 dB(A)
Weight	3.2 kg
Wiring diagram	4040001

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	49	56	34	37	43	49	54	50	44	40
5. Outlet 230V		61	48	50	43	48	59	55	48	38

DIMENSIONS (mm)



DFE 133-20 ErP AC



ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

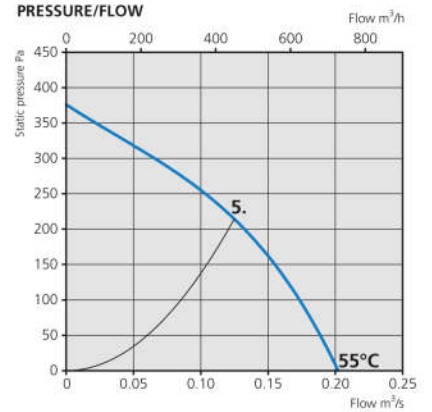
TECHNICAL DATA

DFE 133-20 ErP AC	Art.no. 3091876
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.64 A
Power	147 W
Speed (Pole no. 2)	1144 rpm
Capacitor	4 µF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed controlled	55 C°
Sound pressure level at 3 m	59 dB(A)
Weight	3.7 kg
Wiring diagram	4040001

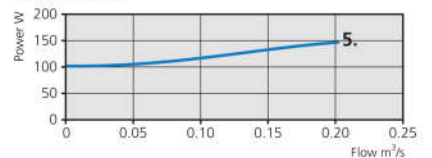
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	59	66	43	49	54	58	62	61	57	50
5. Outlet 230V		73	56	58	54	58	71	67	64	57

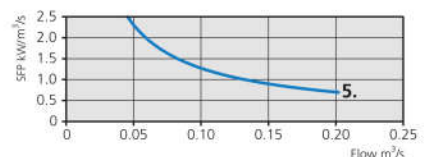
PRESSURE/FLOW



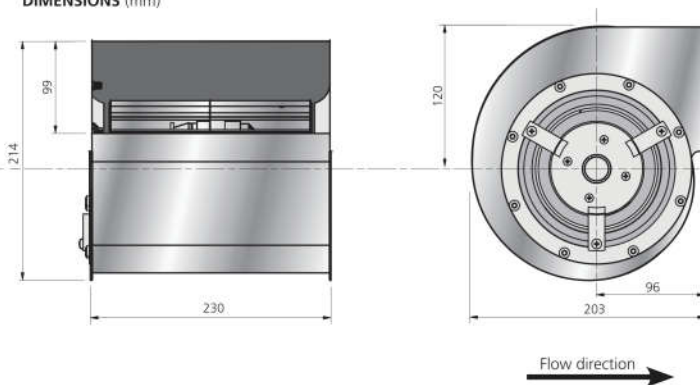
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

Measured when connected to duct on the inlet.

RADIAL FAN

DFE 133-21 ErP AC



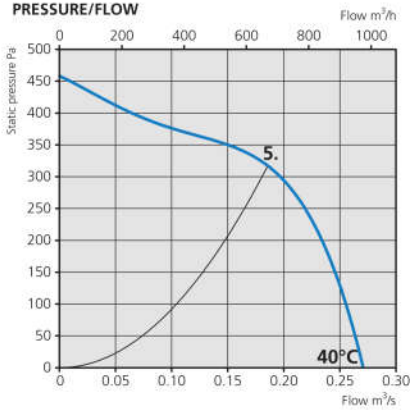
- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

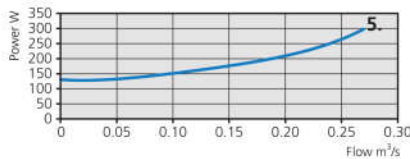
ACCESSORIES

- Outlet flange
- Transformer VRDE 1.5, VRTE 3
- Electronic speed controller, VRS 2.0

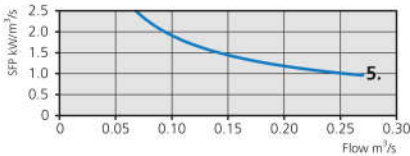
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

Measured when connected to duct on the outlet.

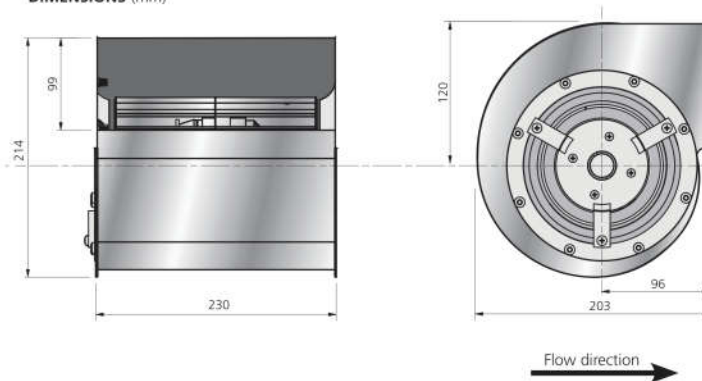
TECHNICAL DATA

DFE 133-21 ErP AC	Art.no. 3091464
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	1.15 A
Power	230 W
Speed (Pole no. 2)	2000 rpm
Capacitor	5 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	64 dB(A)
Weight	4.2 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	64	71	48	52	61	63	65	66	64	57
5. Outlet 230V		77	59	62	59	62	73	73	70	65

DIMENSIONS (mm)



DFE 133-24 AC



ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product is not approved for use in the EU, EFTA or EEA countries.

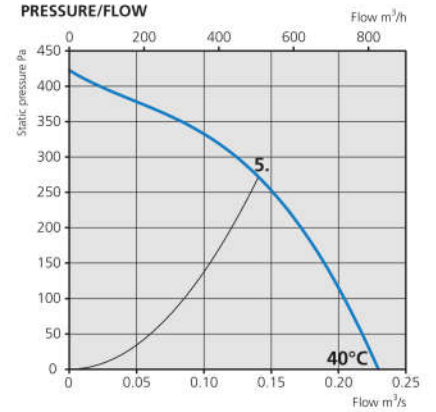
TECHNICAL DATA

DFE 133-24 AC	Art.no. 3091827
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.85 A
Power	195 W
Speed (Pole no. 2)	1308 rpm
Capacitor	5 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	61 dB(A)
Weight	4.2 kg
Wiring diagram	4040001

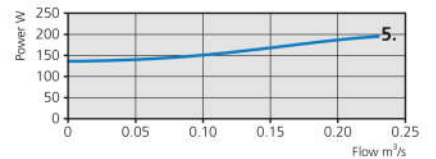
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	61	68	44	50	57	60	63	64	61	54
5. Outlet 230V		76	57	61	56	60	73	71	67	62

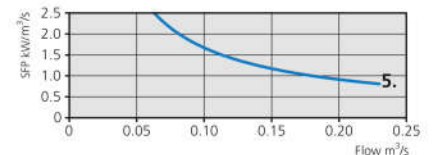
PRESSURE/FLOW



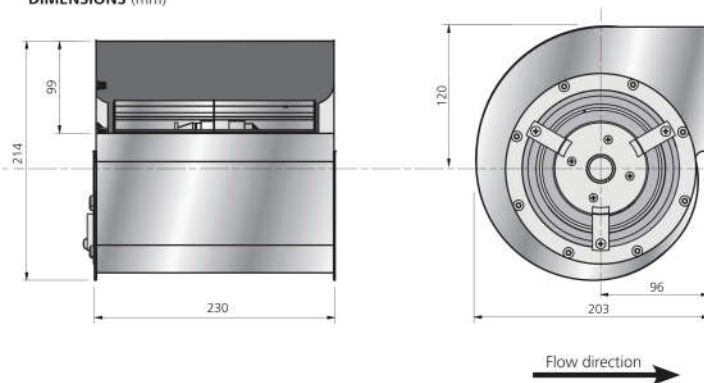
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

Measured when connected to duct on the inlet.

RADIAL FAN

DFE 146-S2 ErP AC



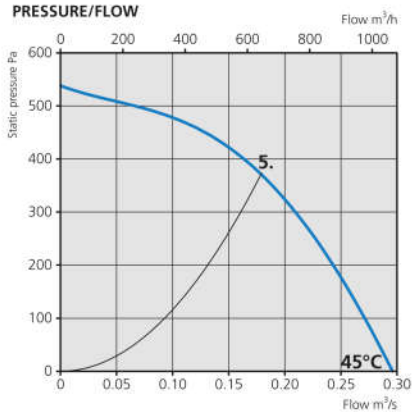
- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

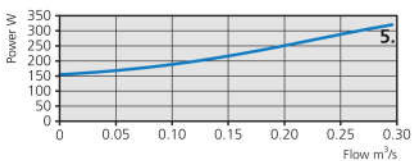
ACCESSORIES

- Transformer VRDE 3, VRTE 3
- Electronic speed controller, VRS 2.0

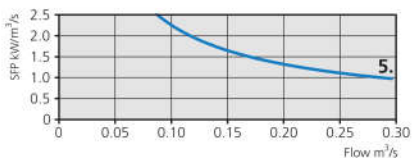
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

Measured when connected to duct on the outlet.

TECHNICAL DATA

DFE 146-S2 ErP AC	Art.no. 7700228
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	1.30 A
Power	290 W
Speed (Pole no. 2)	1950 rpm
Capacitor	12 µF
Max. temperature of transported air	45 °C
Max. temperature of transported air when speed controlled	45 °C
Sound pressure level at 3 m	65 dB(A)
Weight	4.7 kg
Wiring diagram	4040001

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	65	72	52	57	64	66	66	67	64	58
5. Outlet 230V		76	58	64	62	64	72	72	70	66

DIMENSIONS (mm)

