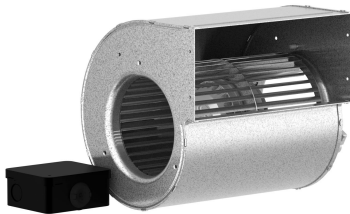


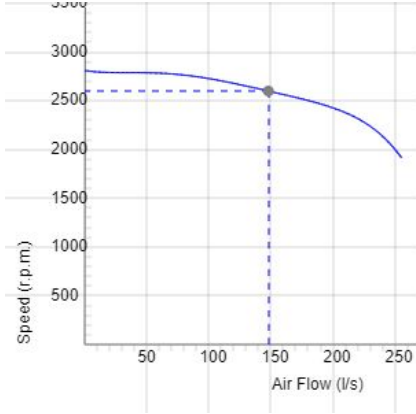
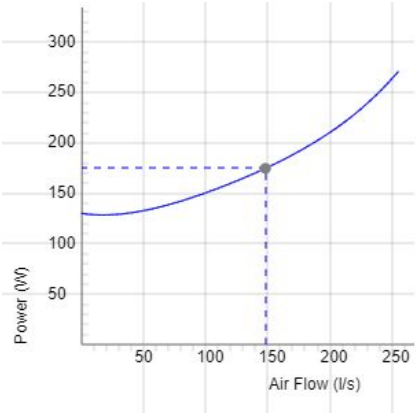
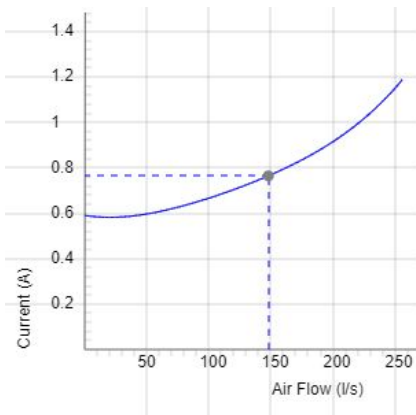
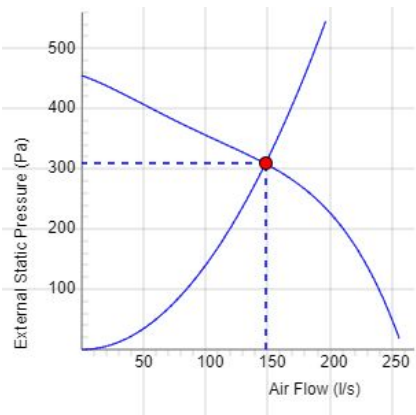
DFE 133-21



- 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 motor protection.
- Can be ordered with junction box.
- 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.



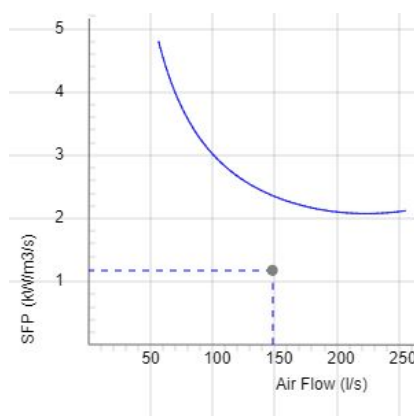
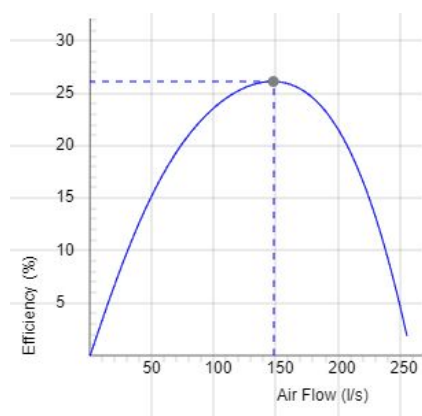
DIAGRAMS



Data

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
148	309	175	2600	0.765	230

DIAGRAMS

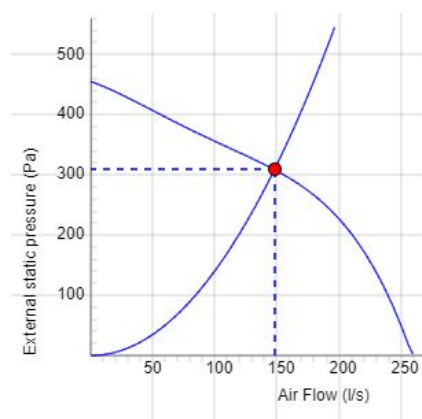


DATA

Efficiency (%)
26.1

SFP (kW/m³/s)
1.18

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Outlet Lw dB(A)	78	59	63	60	63	73	74	70	65
Surrounding Lw dB(A)	71	48	53	61	63	65	66	63	57
Surrounding Lp dB (A) 20m ² Sabine, hemispherical 3m	64								

Data - SOUND

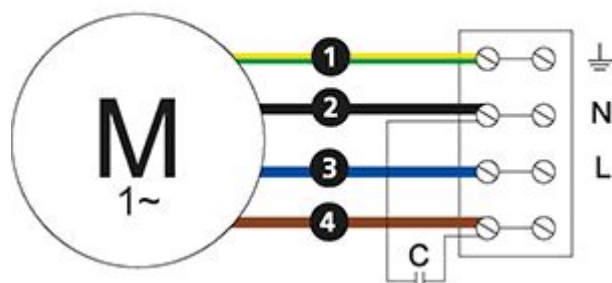
Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m ³ /s)	Voltage (V)
148	309	175	2600	0.765	26.1	1.18	230

TECHNICAL DATA

Parameter	DFE 133-21 ErP wired with box 7700221		DFE 133-21 3091464	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	230	W	230	W
Current	1.15	A	1.15	A
Speed	2000	r.p.m.	2000	r.p.m.
Max. temperature of transported air	40	°C	40	°C
Max. temperature of transported air when speed controlled	40	°C	40	°C
Sound pressure level at 3 m	64	dB(A)	64	dB(A)
Weight	4.2	kg	4.2	kg
Enclosure class	44	IP	44	IP
Capacitor	5	µF	5	µF
Max. flow @ 0Pa	256	l/s	256	l/s
Max. pressure	464	Pa	464	Pa
Voltage range	220-240	V	220-240	V

WIRING DIAGRAM

4040001



(M) = Fan Motor

(M1) = Fan Motor

(M2) = Fan Motor

(M3) = Rotor Motor

1 = Yellow/Green

2 = Black

3 = Blue

4 = Brown

5 = White

6 = Orange

7 = Grey

8 = Red

9 = Green

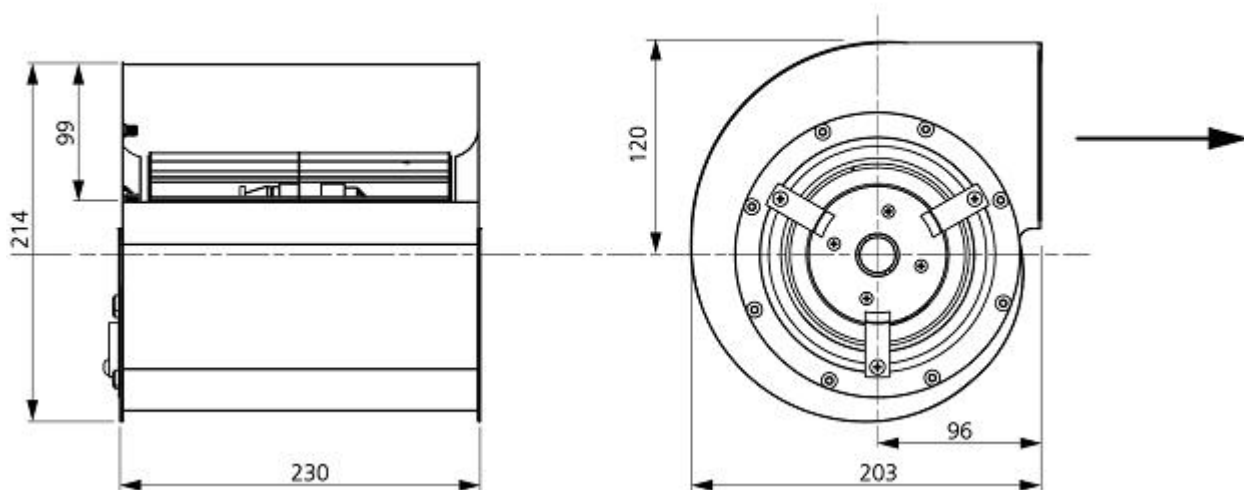
10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS

(mm)



ACCESSORIES

Mechanical accessories



Outlet flange

Electrical accessories



Transformer
controller VRTE 3



Transformer
controller VRDE 1.5



Speed controller VRS
2.0