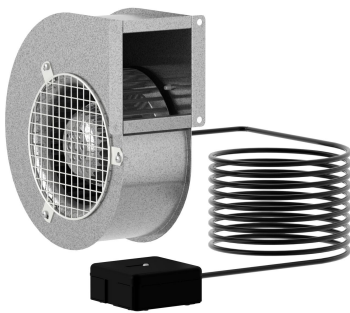
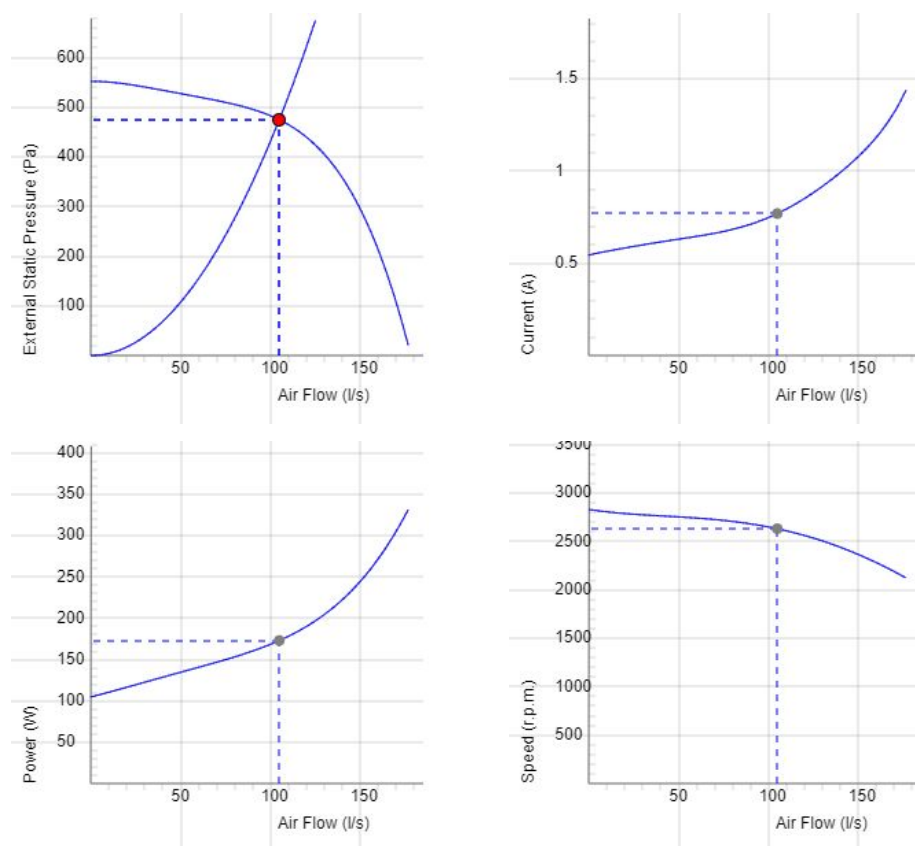


RFE 160 C



- Single-phase single inlet radial fan.
- Compact with high capacity and efficiency.
- 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.
- 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.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- Can be ordered as: KU = With junction box, without connection pipes.
- All diagrams shown with duct connected fan.

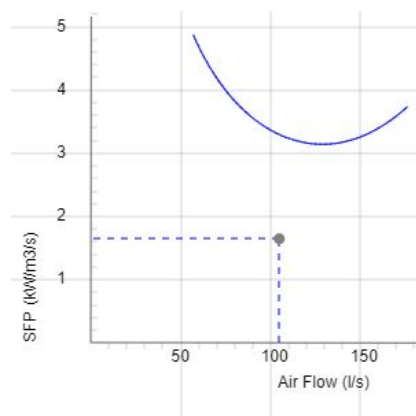
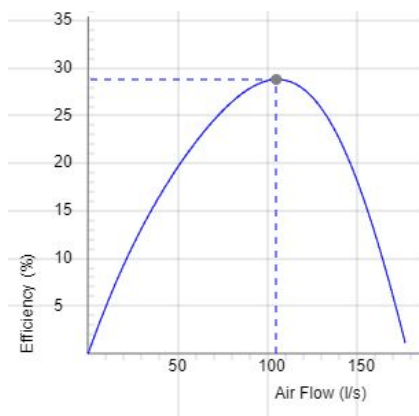
DIAGRAMS



Data

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
105	475	173	2632	0.77	230

DIAGRAMS

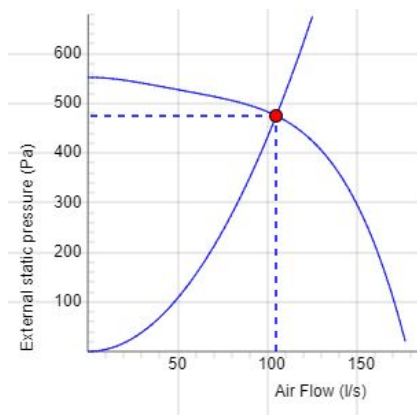


DATA

Efficiency (%)
28.8

SFP (kW/m³/s)
1.65

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	80	62	72	75	71	69	69	68	67
Outlet Lw dB(A)	82	63	71	75	76	76	73	72	71
Surrounding Lw dB(A)	75	43	56	65	68	68	69	68	64
Surrounding Lp dB (A) 20m ² Sabine, hemispherical 3m	68								

Data - SOUND

Air Flow (l/s) 105	External static pressure (Pa) 475	Power (W) 173	Speed (r.p.m.) 2632	Current (A) 0.77	Efficiency (%) 28.8	SFP (kW/m ³ /s) 1.65	Voltage (V) 230
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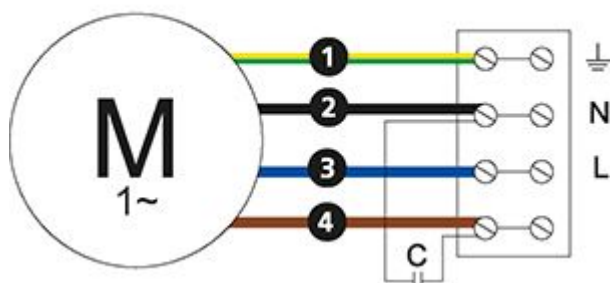
TECHNICAL DATA

RFE 160 CKU man tp 7700041

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	301	W
Current	1.3	A
Speed	2150	r.p.m.
Max. temperature of transported air	50	°C
Max. temperature of transported air when speed controlled	50	°C
Sound pressure level at 3 m	63.8	dB(A)
Weight	4	kg
Enclosure class	44	IP
Insulation class, motor	F	
Capacitor	6	µF
Max. flow @ 0Pa	182	l/s
Max. pressure	551	Pa

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

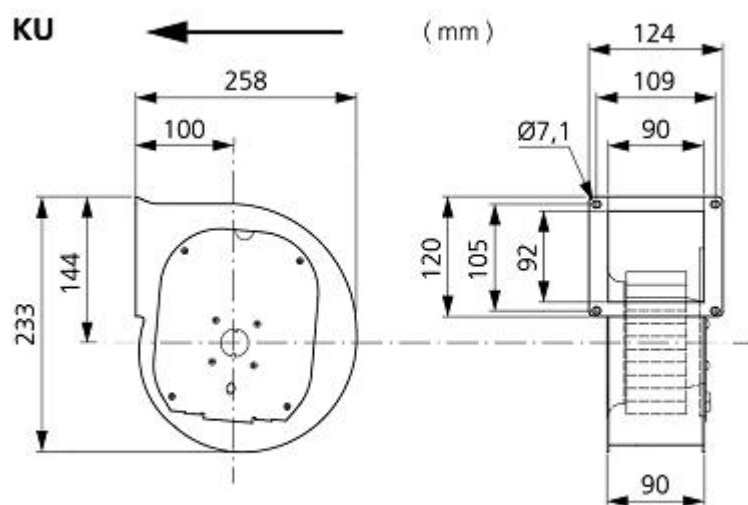
9 = Green

10 = Violet

11 = Quick switch

12 = Yellow

DIMENSIONS



ACCESSORIES

Electrical accessories



Transformer
controller VRDE 1.5



Speed controller VRS
2.0



Transformer
controller VRTE 1