



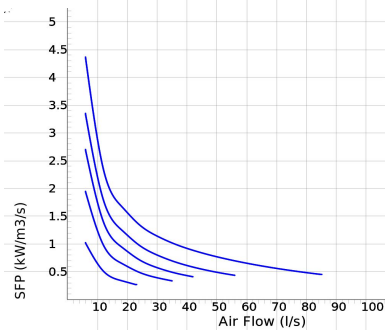
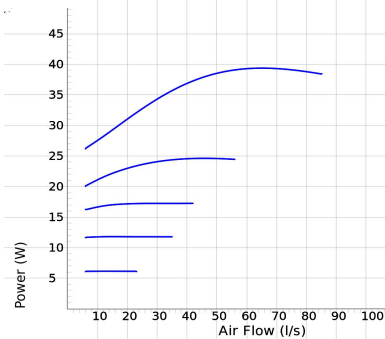
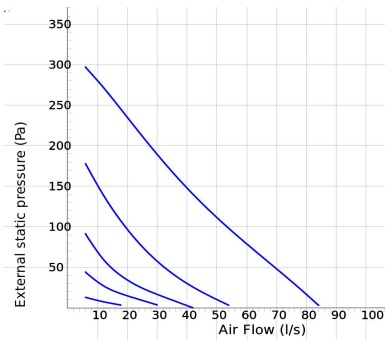
KVFU 100 A

KV

- Wall fan with circular inlet connection.
- KV has a square mounting plate.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Suitable for a wide variety of applications.
- Operational in both 50 and 60 Hz.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.
- The fan is intended to be installed in a duct system, mounted on the inside wall.
- Easy installation in any position.
- Can be used in damp environments.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

Accessories

- VRTE C
- VRDE 1,5
- VRS 0.5
- Local Demand Controller Kit
- MK 100
- BSV 100
- BSR 250
- RSK 100
- YG 250
- VK 250
- LDC 100



Voltage steps

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

TECHNICAL DATA

	710034 KVFU 100 A man tp	710086 KVFU 100 A aut tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	39 W	39 W
Current	0.17 A	0.17 A
Speed	2010 r.p.m.	2010 r.p.m.
Max. temperature of transported air	80 °C	80 °C
Max. temperature of transported air when speed controlled	80 °C	80 °C
Sound pressure level at 3 m	39 dB(A)	39 dB(A)
Weight	2.5 kg	2.5 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	3 µF	3 µF
Duct connection	100 mm	100 mm
Max. flow	85 l/s	85 l/s
Max. pressure	317 Pa	317 Pa
Voltage range	220-240 V	220-240 V

SOUND DATA

	Flow (l/s)	L_{wa} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding L_w dB(A) 230V	38	46	20	31	40	38	40	38	32	30
5. Outlet L_w dB(A) 230V	38	61	35	39	46	54	58	54	46	38
5. Inlet L_w dB(A) 230V	38	64	57	56	57	59	54	51	46	38
4. Inlet L_w dB(A) 165V	32	53	49	45	45	46	41	35	28	15
3. Inlet L_w dB(A) 135V	25	45	41	39	38	37	32	21	18	10
2. Inlet L_w dB(A) 110V	22	39	36	32	30	29	23	10	15	8
1. Inlet L_w dB(A) 80V	15	28	26	20	17	17	15	5	11	7

DIMENSIONS

