

KVFU 160 C

Description

KV is a range of wall mounted fans. The fans are available in six sizes giving twelve different capacities. This variety combined with ease of positioning allow for a wide variety of applications including use in damp and humid environments. The fans housing and square backing plate are made of galvanised steel. They are entirely maintenance free.

The range is fitted with ball bearing mounted external rotor type motors with radial backward curved impellers.

The fans speed can be controlled by voltage variation.



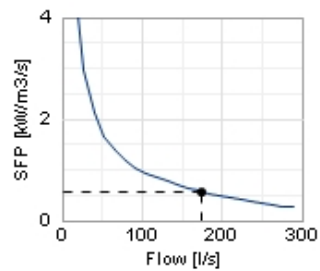
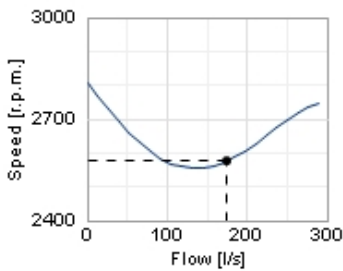
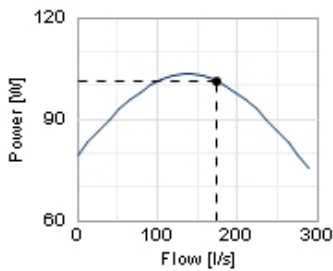
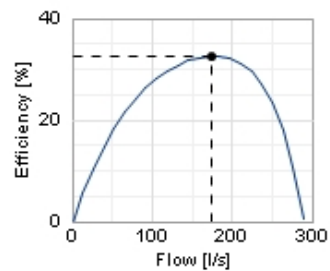
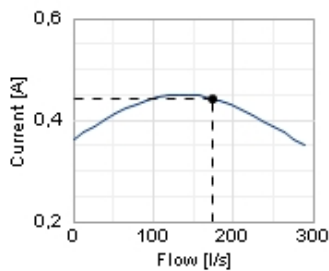
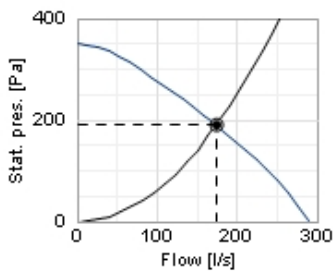
Technical data

Parameter	value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	105	W
Current	0,44	A
R.p.m.	2480	r.p.m.
Max. temperature of transported air	65	°C
Max. temperature of transported air when speed-controlled	65	°C
Sound pressure level at 3 m	50	dB(A)
Length	128	mm
Width	400	mm
Height	400	mm
Weight	3,4	kg
Enclosure class, motor	44	IP
Insulation class, motor	F	
Capacitor	3	µF
Duct connection	ø160 mm	

Diagrams

○ Selected point

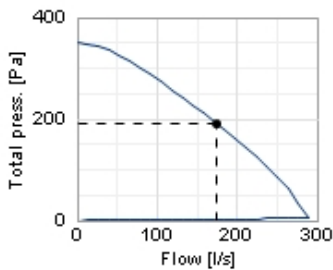
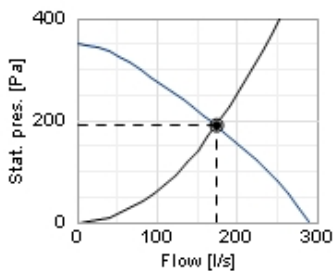
Flow [l/s]	174
Stat. pres. [Pa]	190
● Work point	
Flow [l/s]	174
Stat. pres. [Pa]	190
Power [W]	101
Current [A]	0,442
Speed [r.p.m.]	2575
Efficiency [%]	32,6
SFP [kW/m ³ /s]	0,573
Voltage [V]	230



Sound

○ Selected point

Flow [l/s]	174
Stat. pres. [Pa]	190
● Work point	
Flow [l/s]	174
Stat. pres. [Pa]	190
Total press. [Pa]	192
Power [W]	101
Current [A]	0,442
Speed [r.p.m.]	2575
Efficiency [%]	32,6
SFP [kW/m ³ /s]	0,573
Voltage [V]	230



Distance: 3

Propagation type: Semi-spherical

Equivalent absorption area: 20

	Tot	63	125	250	500	1k	2k	4k	8k
Inlet Lw dB(A)	76	48	60	70	71	69	62	63	53
Surrounding Lw dB(A)	62	38	42	51	56	59	52	53	41
Surrounding Lp dB(A)	55	32	36	45	49	52	45	46	34

