

K 125 M sileo

Article Number: 1002

Variant : 230V 1~ 50Hz



Description

- Speed-controllable
- Integral thermal contacts
- Can be installed in any position
- Can be installed outdoors
- Maintenance-free and reliable

The K series is designed for installation in ducts. All the K-fans have minimum 25 mm long spigot connections.

The fans have backward-curved blades and external rotor motors. To simplify the installation the K-fan is fixed to a fixing bracket together with screws for mounting the bracket included as standard. The FK mounting clamp (as accessory) prevents the transfer of vibration to the duct. The fans can be speed-controlled via a stepless thyristor or a 5-step transformer.

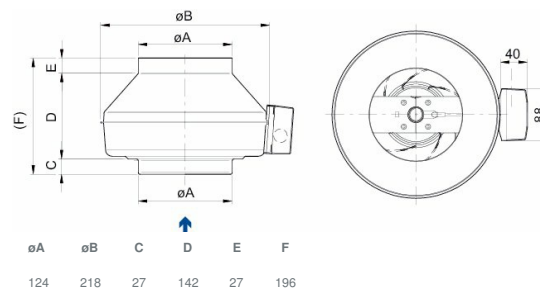
To protect the motor from...

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Technical parameters

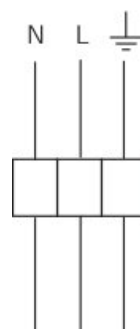
Nominal data	
Voltage (Nominal)	230 V
Frequency	50 Hz
Phase(s)	1~
Input power	28 W
Input current	0.164 A
Impeller speed	2,491 r.p.m.
Air flow	max 0.0519 m ³ /s
Temperature of transported air	max 70 °C
Max temperature of transported air, when speed controlled	70 °C
Sound data	
Sound pressure level at 3m (20m ² Sabin)	34 dB(A)
Protection/Classification	
Enclosure class, motor	IP44
Insulation class	B
Data according to ErP	
Energy class, Basic unit	F
Energy class, Local demand	C
ErP ready	ErP 2018
Dimensions and weights	
Duct dimension: Circular, inlet	125 mm
Duct dimension: Circular, outlet	125 mm
Weight	2.3 kg
Others	
Duct connection type	Circular
Motor type	AC

Dimension

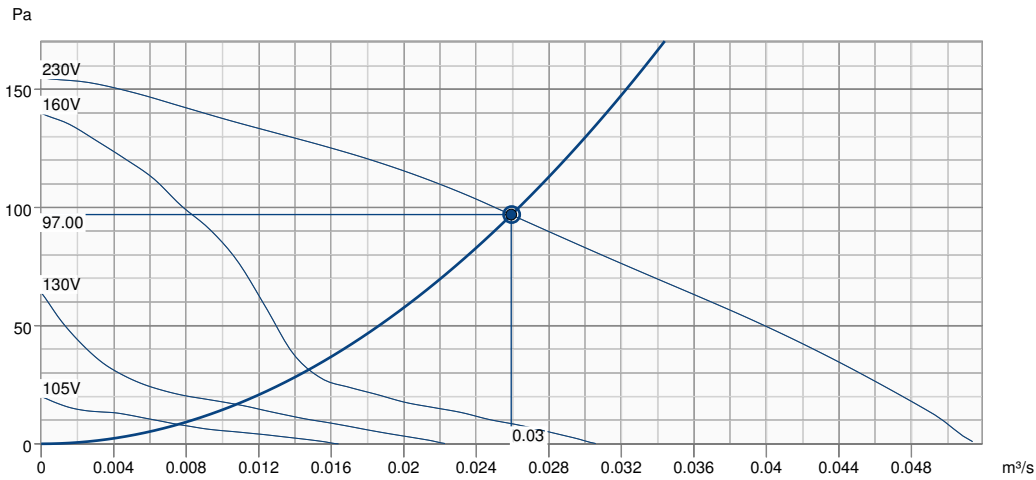


Wiring

230V 1~



Performance curve



Hydraulic data

Required air flow	0.03 m³/s
Required static pressure	97 Pa
Working air flow	0.03 m³/s
Working static pressure	97 Pa
Air density	1.204 kg/m³
Power	27.6 W
Fan control - RPM	2529 rpm
Current	0.16 A
SFP	1.065 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	42	53	57	58	52	48	32	24	62
Outlet	dB(A)	42	49	56	57	51	47	35	24	61
Surrounding	dB(A)	17	27	30	36	35	31	20	15	40
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	33
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	19

Accessories

FRQ5S-E-6A (37421)	RE 1.5 Speed control (5000)
REE 1 Speed control (5314)	REPT 6 Digital regulator (5698)
RETP 6 Temp/Pressure regulator (32293)	REU 1.5 Speed control (5004)
REV-3POL/03 ON/OFF (33978)	SG 125 Protection guard (5607)
VKK-125 Back draft damper (1624)	CO2RT-R-D Transmitter (6993)
DTV500A (96807)	FRQS-E-6A (37419)
IGK-125 Wall Grid (1631)	Presence detector/IR24-P (6995)
RT 0-30 Room Thermostat (5151)	VBC 125-3 Water heating batt (9839)
CB 125-0,6 230V/1 Duct heater (5289)	CB 125-1,2 230V/1 Duct heater (5290)
CB 125-1,8 230V/1 Duct heater (5377)	CBM 125-1,2 230V/1 Duct heater (5480)
CWK 125-3-2,5 Duct cooler,circ (30021)	FFR 125 Filter cassette (1768)
FGR 125 Filter cassette (1804)	FK 125 Fast clamp (1608)
LDC 125-1200 Silencer (5997)	LDC 125-300 Silencer (53722)
LDC 125-600 Silencer (5190)	LDC 125-900 Silencer (5191)
RSK-125 Back draft damper (5598)	THB 160 Hood w. cover pl. Red (2034)
THB 160 Hood w.cover pl. black (1764)	THS 160 Hood w. cover pl. Red (2044)
THS 160 Hood w.cover pl. black (1839)	VBC 125-2 Water heating batt (5457)
VBF 125 Water heating battery (1730)	STL 1.5 Speed controller (84251)

Documents

Fans_Operating and Maintenance_instr_202341_CE_multilingual.pdf
 Certificate S-mark K 1211224.pdf
 K fan mounting.wmv