

K 150 M SILEO

Item no. 25362

Version: 50 Hz

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Description

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

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

The fans have backward-curved blades and external rotor motors. To simplify the installation the K Sileo fan has a fixing bracket together with screws for mounting the bracket included as standard. The FK mounting clamp facilitates easy installation and removal, and 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 overheating the fan has integral thermal contacts with manual reset.

The casing is manufactured from galvanised sheet steel and folded which gives the fan a close to air tight casing. Duct connected outdoor and wet room applications of the fan are possible due to the air tight casing. The K-fans have corrosion class C3.



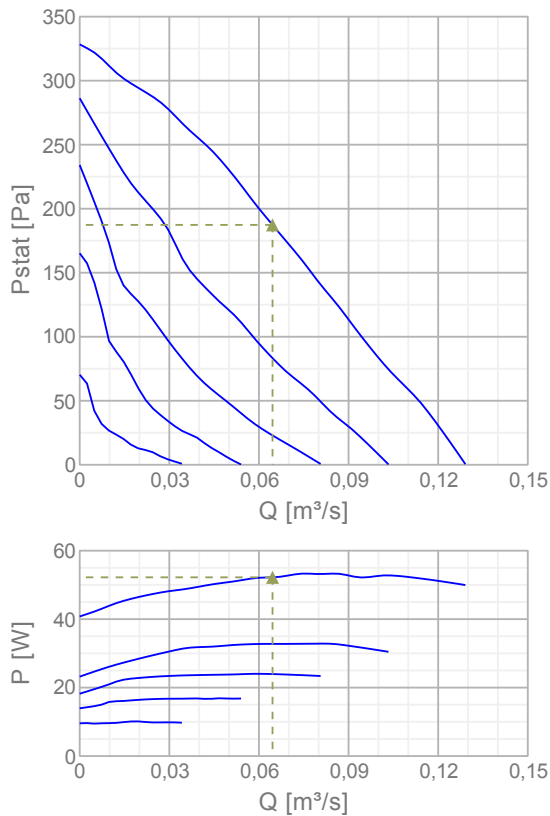
Technical parameters

Nominal data		
Voltage	230	V
Frequency	50	Hz
Phase	1	~
Input power (P1)	53,3	W
Current	0,232	A
Max. airflow	0,129	m³/s
R.p.m.	2379	r.p.m.
Capacitor	1,5	µF
Weight	3,3	kg
Temperature data		
Max. temperature of transported air	70	°C
Max. temperature of transported air when speed-controlled	70	°C
Sound data		
Sound pressure level at 3 m	40,2	dB(A)

Protection / Classification	
Insulation class	B
Enclosure class, motor	IP44
ErP	
Energy class, basic unit	E
Energy class, basic unit option	B
ErP ready	ErP 2016/ErP 2018

Diagrams

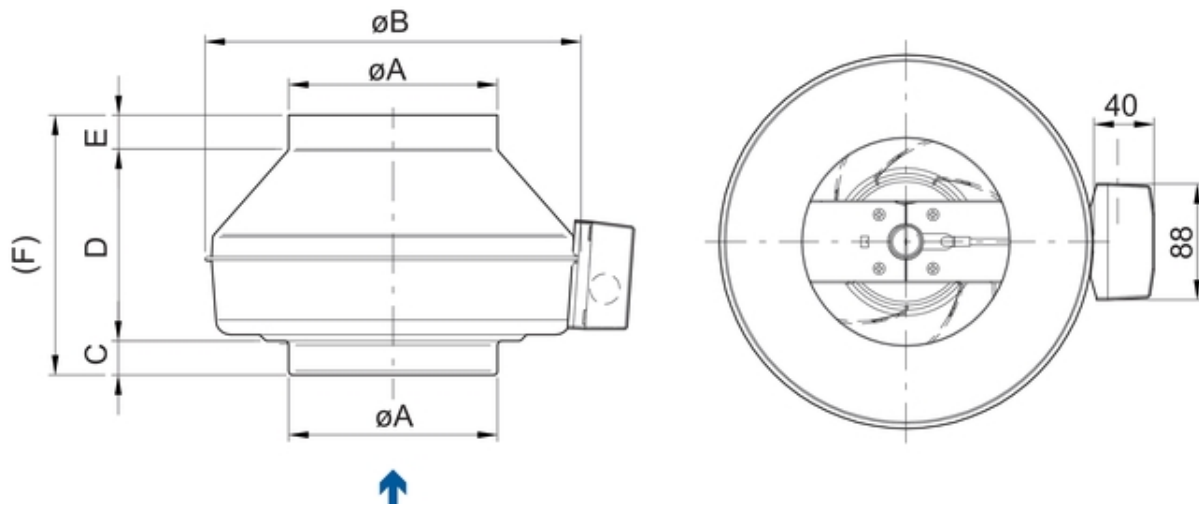
Diagrams



Max efficiency

Hydraulic data										
▲ Working air flow										0,0645 m³/s
▲ Working static pressure										187 Pa
▲ Power										52,2 W
Speed										2397 r.p.m.
Current										0,228 A
SFP										0,809 W/(l/s)
Voltage										230 V
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	46	56	57	57	58	58	56	42	65
Outlet	dB(A)	40	53	50	56	57	56	53	41	63
Surrounding	dB(A)	19	13	28	38	38	38	38	27	45

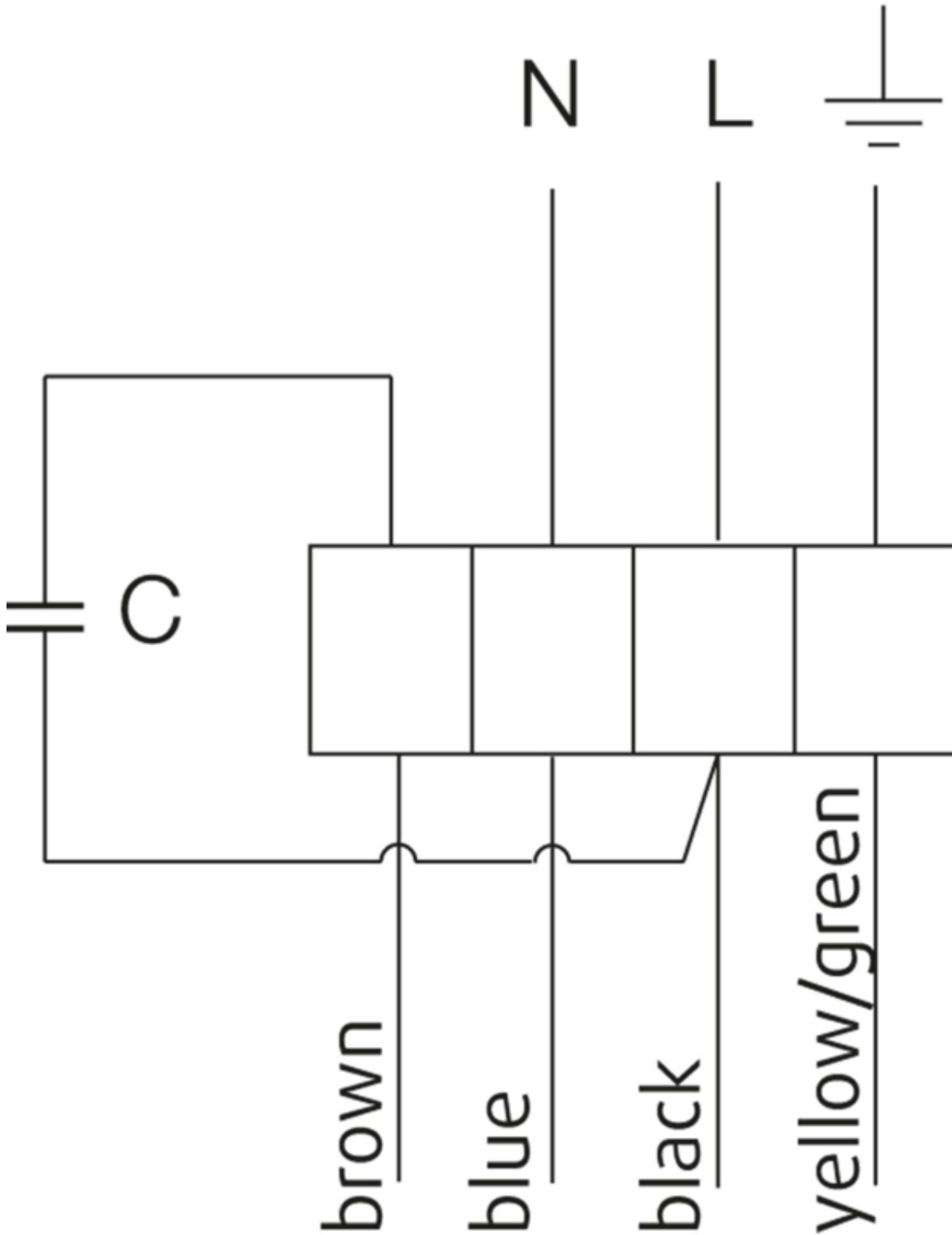
Dimensions



	ϕA	ϕB	C	D	E	F
K 150 M sileo	149	286	25	152	25	202
K 150 XL sileo	149	336	29	171	26	226

Wiring

230V 1~



Accessories


Electric accessories


[RE 1.5 Speed control \(5000\)](#)
[REU 1.5 Speed control \(5004\)](#)
[REE 1 Speed control \(5314\)](#)
[REPT 6 Digital regulator \(5698\)](#)
[RT 0-30 Room Thermostat \(5151\)](#)
[CO2RT-R-D Transmitter \(6993\)](#)
[Presence detector/IR24-P \(6995\)](#)
[RETP 6 Temp/Pressure regulator \(32293\)](#)
[STL 1.5 Speed controller \(84251\)](#)
[REV-3POL/03 ON/OFF \(33978\)](#)
[DTV500A \(96807\)](#)

Accessories

[CB 150-1,2 230V/1 Duct heater \(5378\)](#)
[CB 150-2,1 230V/1 Duct heater \(5379\)](#)
[CB 150-2,7 230V/1 Duct heater \(5380\)](#)
[CBM 150-2,1 230V/1 Duct heater \(5481\)](#)
[LDC 150-600 Silencer \(5199\)](#)
[FFR 150 Filter cassette \(1769\)](#)
[FGR 150 Filter cassette \(1807\)](#)
[FK 150 Fast clamp \(1609\)](#)
[IGK-160 Wall Grid \(1632\)](#)
[SG 150 Protection guard \(5555\)](#)
[RSK-150 Back draft damper \(5599\)](#)
[THB 160 Hood w. cover pl. Red \(2034\)](#)
[THB 160 Hood w.cover pl. black \(1764\)](#)
[THS 160 Hood w.cover pl. black \(1839\)](#)
[THS 160 Hood w. cover pl. Red \(2044\)](#)
[LDC 150-300 Silencer \(53723\)](#)
[CB 150-5,0 400V/2 Duct heater \(5381\)](#)

Documentation

 [202341_Fans_Instructions_CE_A010.pdf \(1,83MB\)](#)

 [K fan mounting.wmv \(3,48MB\)](#)

Specification text

K 150M Circular duct fan made of steel DN 160, 230V/50Hz, 1~, imp. backw. curved Centrifugal circular duct fan designed for easy and direct installation in ducts. The casing is manufactured from galvanised sheet steel and airtight folded, air leakage class C acc. to EN 12237:2003 Circular connection spigot, length 25mm, acc. to EN1506:1997 Free-running, backward curved centrifugal impeller made of plastic. Balancing made to G 6.3, motor compl. with impeller statically and dynamically balanced in two planes acc. to DIN ISO 1940 T.1. Voltage controllable external rotor motor (IP44), maintenance-free, the motor is placed inside the air flow for cooling. Integral thermal contacts with manual reset acc. to EN 60335-2-80, speed-controlled via a 5-step transformer or a stepless thyristor. Silent, long-life ball bearings. Terminal box (IP55) on the casing Mounting bracket included in delivery (unmounted). For indoor, outdoor installation as well as in wet areas. PRODUCT: SYSTEMAIR TYPE: K 150M Item no. 25362