

RVK 100E2 sileo 1ph/230V

Article number: 5755

Variant : 230V 1~ 50Hz



Description

- Speed-controllable
- Integral thermal contacts acc. EN 60335-2-80
- Can be installed in any position
- Inclusive mounting bracket
- Maintenance-free and reliable

The RVK series is designed for installation in ducts. The casing is manufactured from Polypropylene with 30% fibreglass reinforced plastic which gives the fan a less leakage casing. Duct connected wet room applications of the fan are possible due to the air tight casing and the IP 44 rated terminal box. We recommend a period of continued ventilation with dry air for wet room applications. The fans have backward-curved blades and external rotor motors.

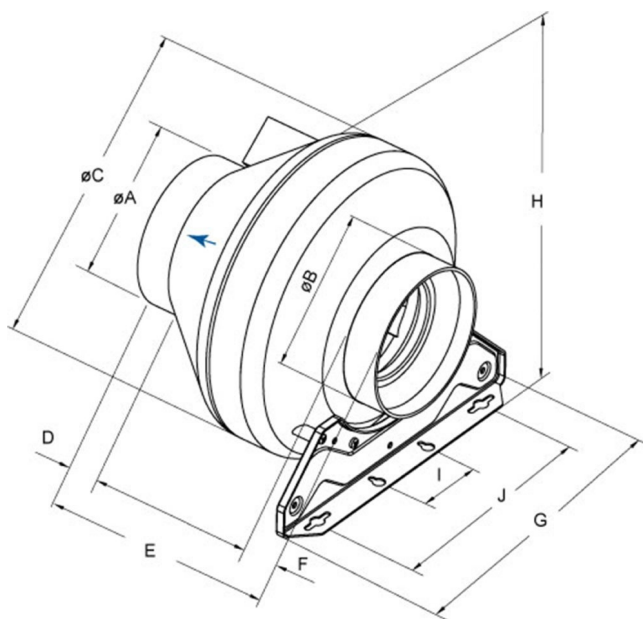
The FK mounting clamp...

[Find more details in our online catalogue](#)

Technical parameters

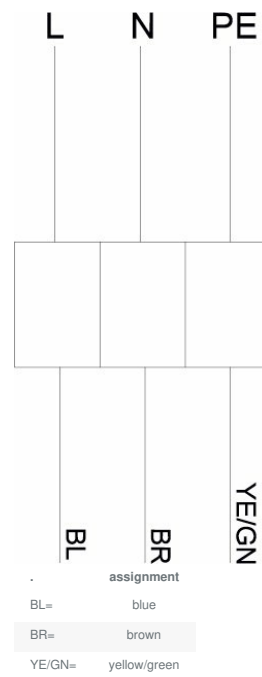
Nominal data		
Voltage (nominal)	230	V
Frequency	50	Hz
Phase(s)	1~	
Input power	29	W
Input current	0.171	A
Impeller speed	2,482	r.p.m.
Air flow	max 184	m³/h
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C
Sound data		
Sound pressure level at 3m (20m² Sabin)	34	dB(A)
Protection/Classification		
Enclosure class, motor	IP44	
Insulation class	B	
Data according to ErP		
ErP ready	ErP 2016; ErP 2018	
Dimensions and weights		
Duct dimension; Circular, inlet	100	mm
Duct dimension; Circular, outlet	100	mm
Weight	1.8	kg
Others		
Duct connection type	Circular	
Motor type	AC	

Dimension

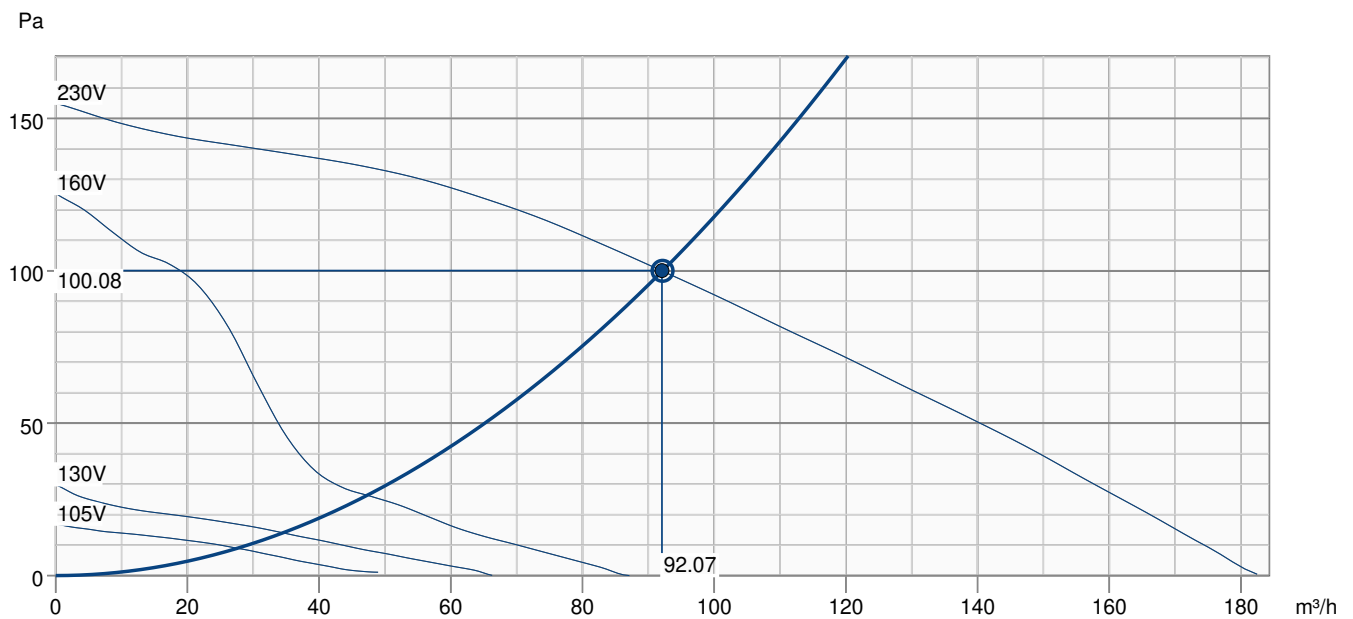


	øA	øB	øC	D	E	F	G	H	I	J
RVK 100	99	99	251	30	237,5	30	272	265	60	200

Wiring



Performance curve



Hydraulic data										
Required air flow		92 m³/h								
Required static pressure		100 Pa								
Working air flow		92 m³/h								
Working static pressure		100 Pa								
Air density		1.204 kg/m³								
Power		28.0 W								
Fan control - RPM		2541 rpm								
Current		0.16 A								
SFP		1.095 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)	40	57	57	57	51	44	39	27	62
Outlet	dB(A)	42	52	52	51	47	44	40	28	57
Surrounding	dB(A)	<10	11	30	37	37	34	25	14	42
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	35
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	21

Accessories

FRQ5S-E-6A (37421)	RE 1,5 Speed control (5000)
REE 1 Speed control (5314)	REU 1.5 Speed control (5004)
REV-3POL/03 ON/OFF (33978)	SG 100 Protection guard (5606)
VKK-100 Back draft damper (1623)	FRQS-E-6A (37419)
IGK-100 Wall Grid (1630)	CB 100-0,4 230V/1 Duct heater (5288)
CB 100-0,6 230V/1 Duct heater (5376)	CBM 100-0,6 230V/1 Duct heater (5479)
CWK 100-3-2,5 Duct cooler,circ (30019)	FFR 100 Filter cassette (1766)
FGR 100 Filter cassette (1802)	FK 100 Fast clamp (1607)
LDC 100-600 Silencer (5188)	LDC 100-900 Silencer (5189)
RSK-100 Back draft damper (5597)	VBC 100-2 Water heating batt (5456)
VBC 100-3 Water heating batt (9838)	VBF 100 Water heating battery (1724)
VK-10 Louvre shutter (87682)	IGC-100 Intake grille (76874)

Documents

MANUAL_RVK_EN_003.PDF
rvk100_sileo_kpl.dxf
EU DECLARATION OF CONFORMITY_RVK_EN_002.PDF
PP compound (30% glass fibre content).pdf