

KVR 5025 E2 20

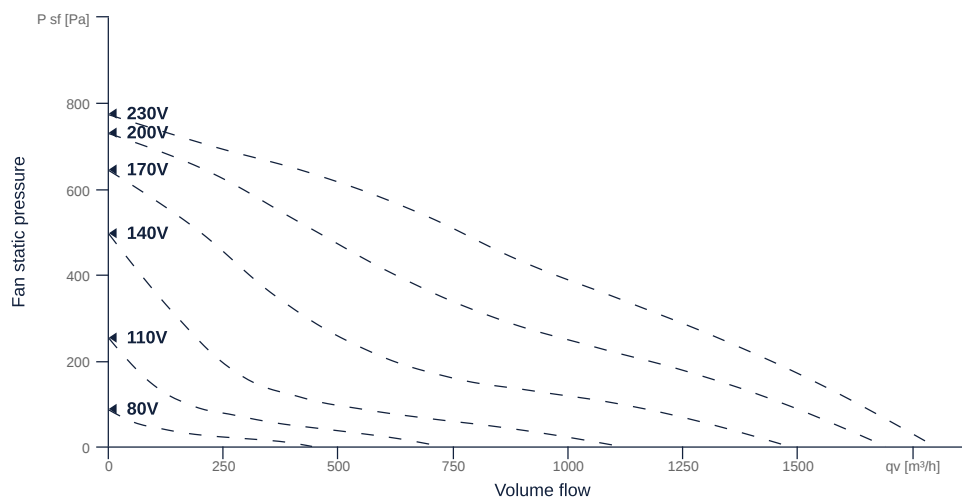
131306

- Backward curved centrifugal impeller
- Removable fan unit
- Housing made of galvanized sheet steel
- Robust single phase AC motor, steplessly controllable
- Conveyed medium temperature up to 45 °C in continuous operation



FAN CURVES

Name	Value	Unit
Volume flow	0	m³/h
Pressure	0	Pa



to the product detail page

KVR 5025 E2 20

131306

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	none		
Duct size	500x250		WxH _{duct}
Pipe connection size (DN)	-		DN
Rated voltage (entire device)	230	v	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		mat _{casing}
Impeller material	Galvanized steel		mat _{impeller}
IP-protection class (entire device)	IPX4		IP _{compl}
IP-Protection class (terminal box)	IP44		IP _{ebox}
Weight	15.32	kg	m
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
------	-------	------	----------------

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	293	w	P _{ed, max}
Max. operating current (device)	1.35	A	I _{ed, max}
Max. speed	2730	rpm	n _{max}
Max. stat. efficiency	35.2	p	η _{es}
Max. fan efficiency	35.3	p	η _e
Max. flowrate	1800	CmH	Q _{v, max}
Max. stat pressure	770	Pa	p _{sf, max}
Max. medium temperature	45	°C	T _{m, max}
Max. environment temperature	45	°C	T _{amb, max}
Min. environment temperature	-25	°C	T _{amb, min}
Min. voltage	80	v	U _{min}
Stall current	1.89	A	I _{LRA}



MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		AC 1~		phase
Control type		stepless-controlled		ctrltype
Installation type		ORM (Out)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISOclass
Motor-protection		TAI		protectmotor
Protection class		IP33		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwrsupmotor
Capacity capacitor		8	µF	Ccond
Voltage capacitor		400	v	VUcond
Number of poles (1)		2.000000		num polesw1
Rated voltage	230		v	Urated, f1
Rated current	1.19		A	Irated, f1
Speed	2246		rpm	nf1
Starting current	1.89		A	Istart, f1
Efficiency	32.4		p	ηm, f1
Min. temperature	-30		°C	Tmotor, min
Cos Phi	0.990000	0.000000		cos φ
UL-Certification motor		None		ULcert

SMOKE EXTRACT DATA

Name	Value	Unit	Formula symbol
Fire resistance class	None		Fclass

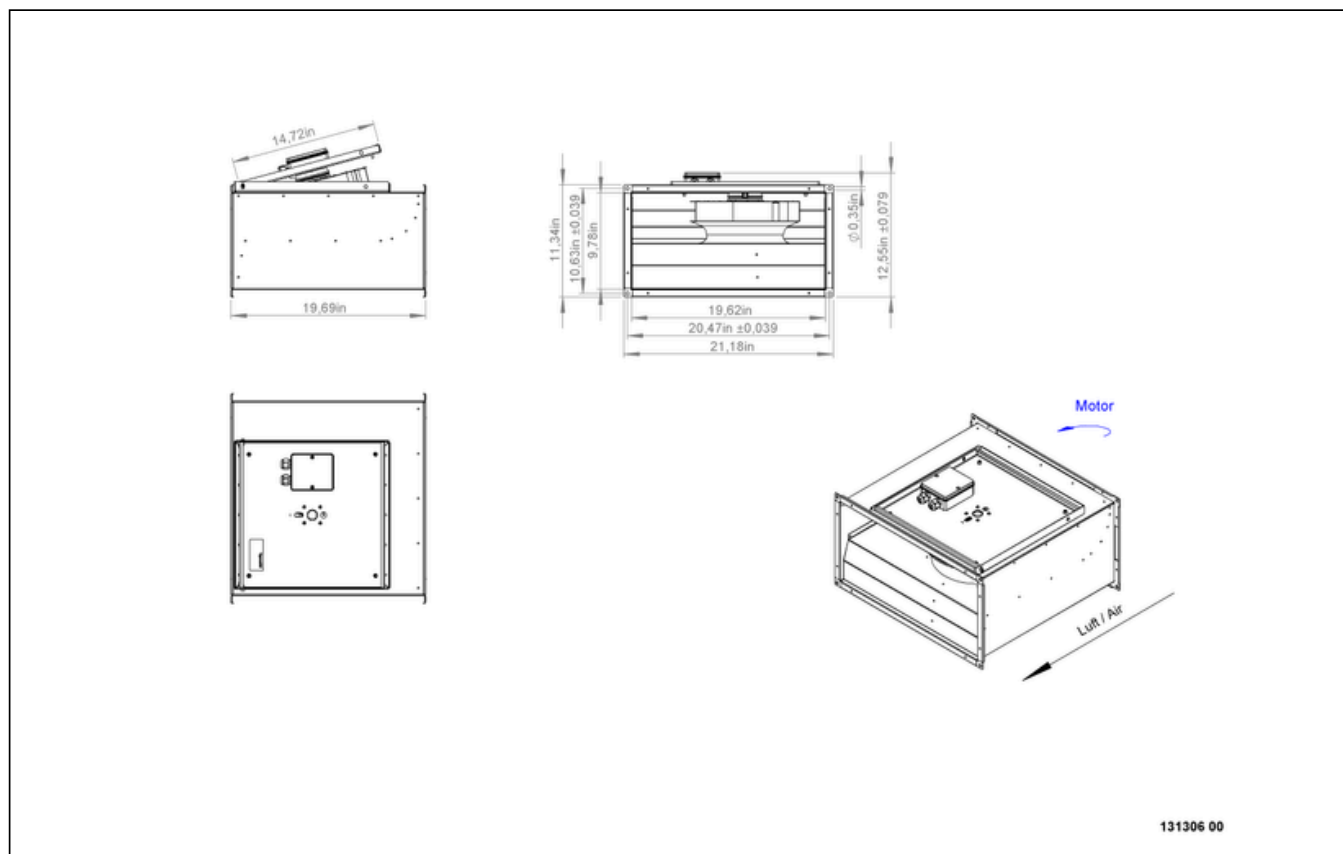


to the product detail page

KVR 5025 E2 20

131306

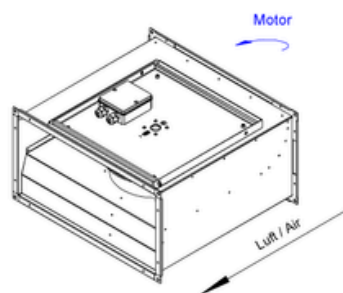
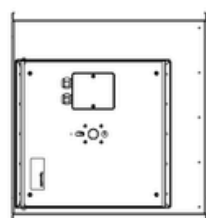
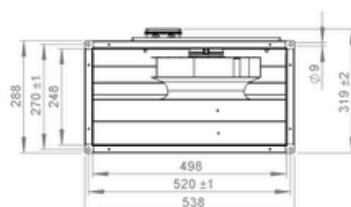
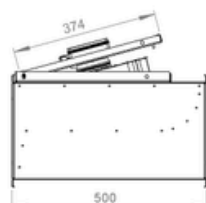
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



to the product detail page

KVR 5025 E2 20

131306



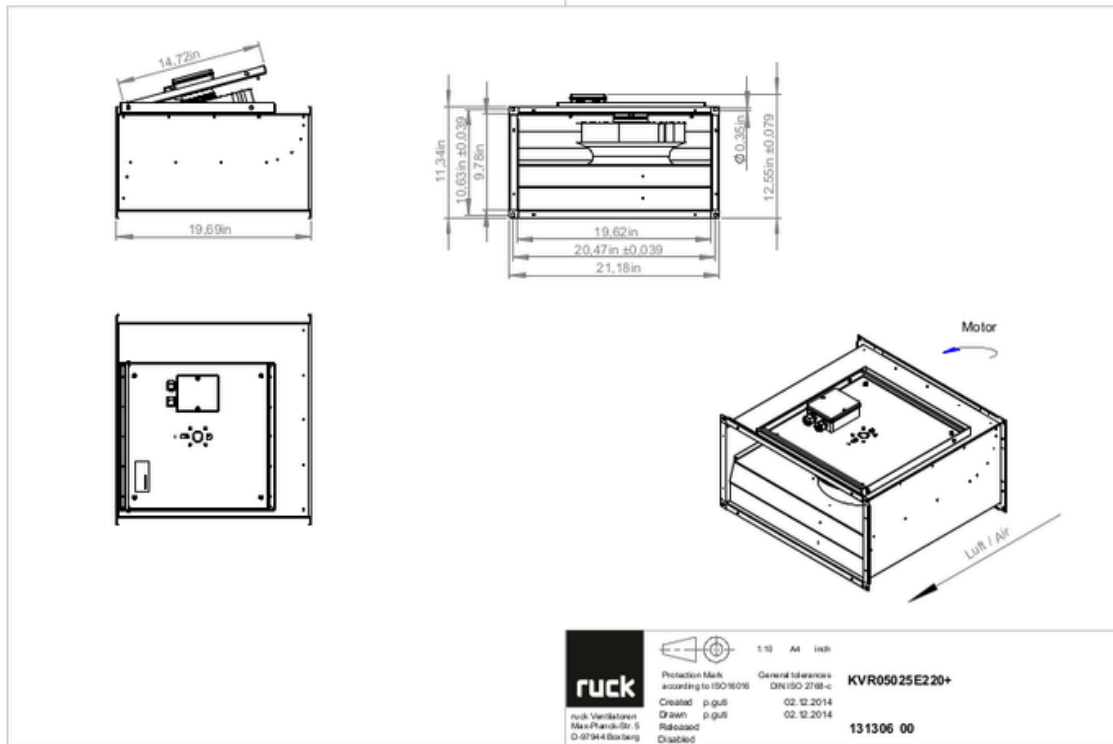
131306 00



to the product detail page

KVR 5025 E2 20

131306

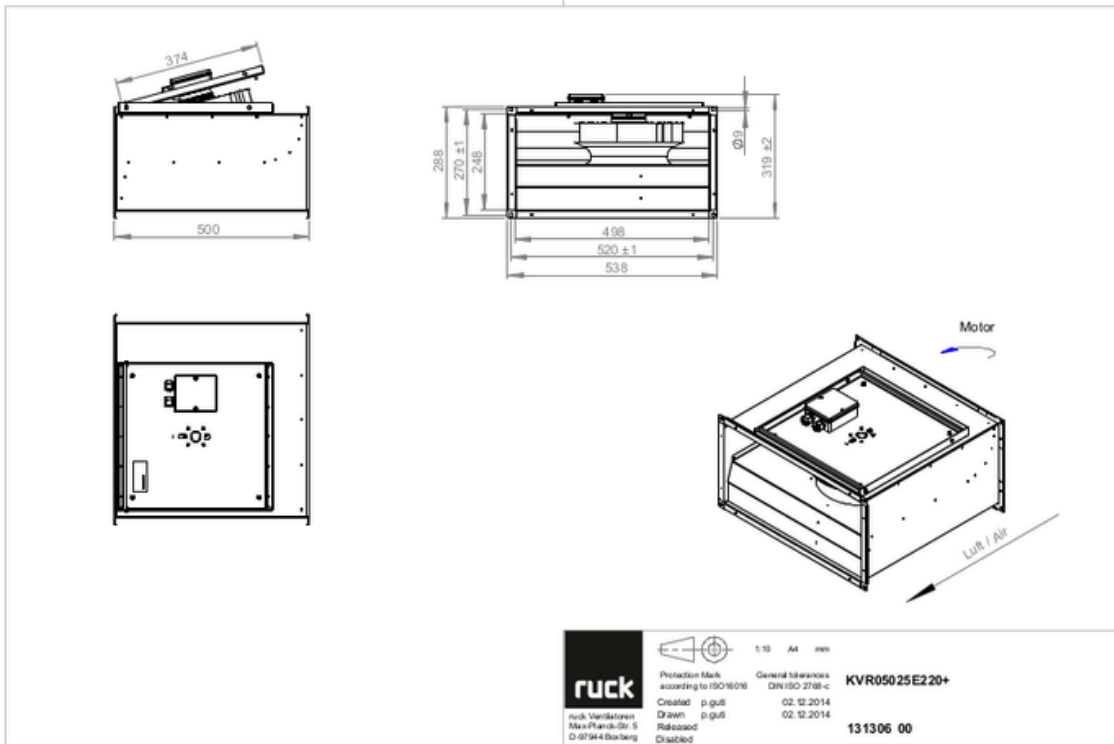


to the product detail page

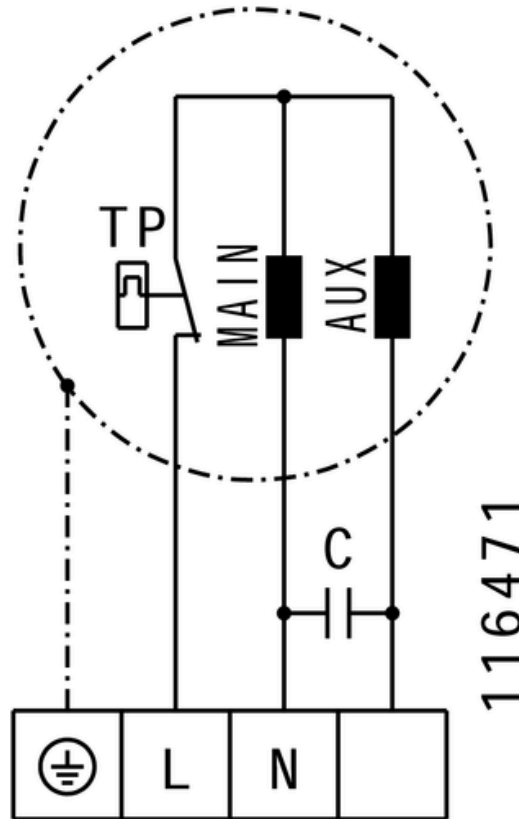
KVR 5025 E2 20

131306

ruck



to the product detail page



MECHANICAL ACCESSORIES

VS 5025 | 102804



- Duct connector, flexible
- Standard profile flange P20
- Galvanized steel sheet, plastic band (PVC)
- Temperature resistant up to 70 °C

VKK 5025 | 169681



- Automatic shutter
- Plastic, weather resistant
- Temperature resistant up to 70 °C



ELECTRICAL ACCESSORIES

GS 01 | 102787



- Isolator switch
- Umax = 400 V, 50/60 Hz
- Switching capacity 400 V 3~ = 7,5 kW
- I max. = 25 A

MTY 1 | 103428



- Electronic controller
- Stepless
- 230 V ~, 50 Hz
- Max. ambient temperature 35 °C
- I max. = 1 A
- Surface and flush mounting

TEE 015 | 115893



- 5-step transformer
- 230 V ~, 50/60 Hz

TES 0145 | 169581



- Step transformer
- 230 V ~, 50/60 Hz

