

KVR 6035 E4 30

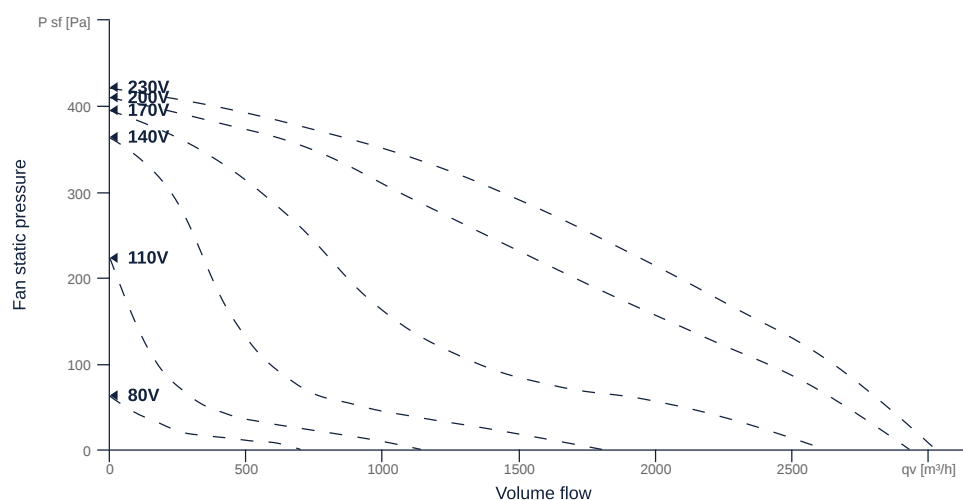
131309

- 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 40 °C in continuous operation



FAN CURVES

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



to the product detail page

KVR 6035 E4 30

131309

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Duct size	600x350		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	Plastic		mat _{impeller}
IP-protection class (entire device)	IPX4		IP _{compl}
IP-Protection class (terminal box)	IP44		IP _{ebox}
Weight	24	kg	m
Nominal air flow rate, nominal point m³/h	2502	CmH	q _{v,nom}
Nominal external pressure, static	126	Pa	p _{s,nom}
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	0.7	CmS	q _{v,nom}
Actual electrical input power, nominal point	0.24	kw	P _{e,nom}
Face velocity, nominal point	3.31	mps	V _{nom}
Nominal external pressure, static	126	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	45.7	p	η _{es,SUP}
Enclosure sound level, nominal point	69	db	LWA2
Rating	Product is compliant 2018		



KVR 6035 E4 30

131309

ruck

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	256	w	P _{ed, max}
Max. operating current (device)	1.38	A	I _{ed, max}
Max. speed	1460	rpm	n _{max}
Max. stat. efficiency	46.5	p	η _{es}
Max. fan efficiency	46.8	p	η _e
Max. flowrate	3020	CmH	q _{v, max}
Max. stat pressure	420	Pa	p _{sf, max}
Max. medium temperature	40	°C	T _{m, max}
Max. environment temperature	40	°C	T _{amb, max}
Min. environment temperature	-25	°C	T _{amb, min}
Min. voltage	80	v	U _{min}

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		ISO _{class}
Motor-protection		TAI		protect _{motor}
Protection class		IP44		IP _{motor}
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwr _{sup} _{motor}
Capacity capacitor		6	μF	C _{cond}
Voltage capacitor		400	v	V _{Ucond}
Number of poles (1)		4.000000		num poles _{w1}
Rated voltage	230		v	U _{rated, f1}
Rated current	1.18		A	I _{rated, f1}
Speed	1330		rpm	n _{f1}
Starting current	2.2		A	I _{start, f1}
Min. temperature	-25		°C	T _{motor, min}
UL-Certification motor		None		UL _{cert}

SMOKE EXTRACT DATA

Name	Value	Unit	Formula symbol
Fire resistance class	None		F _{class}

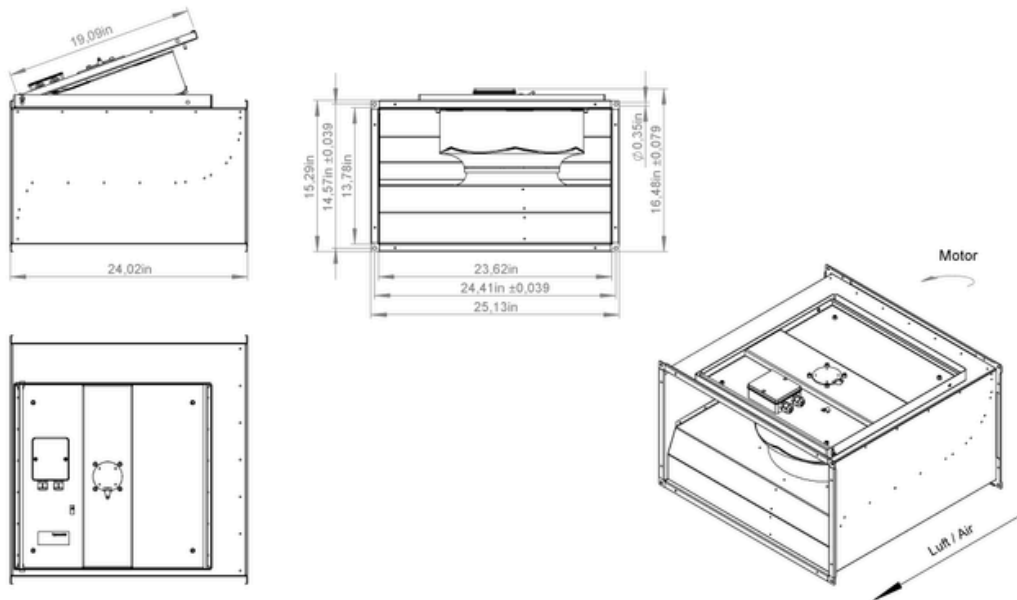


to the product detail page

KVR 6035 E4 30

131309

CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



131309 00

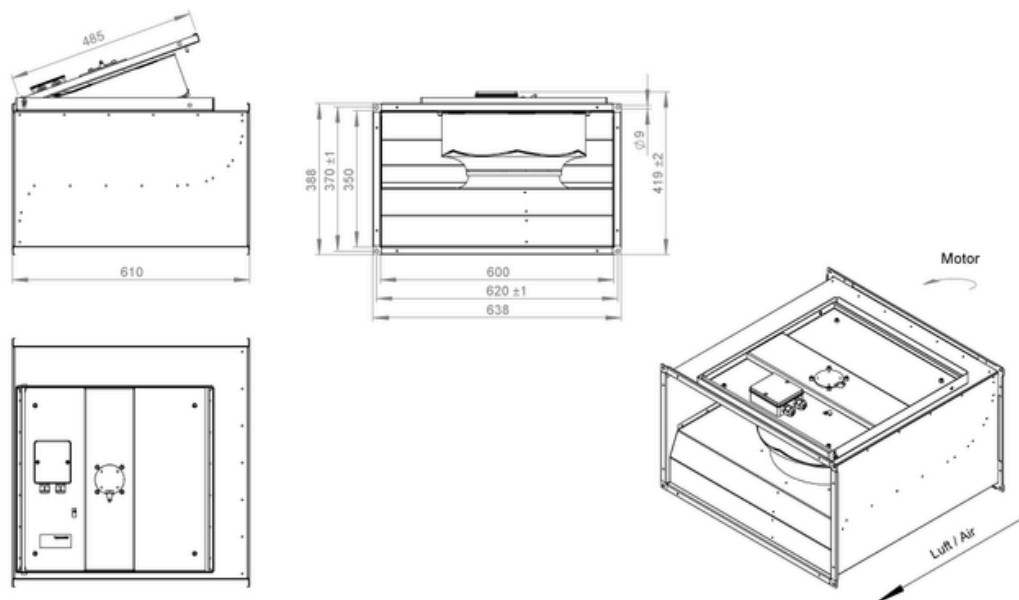


to the product detail page

KVR 6035 E4 30

131309

ruck



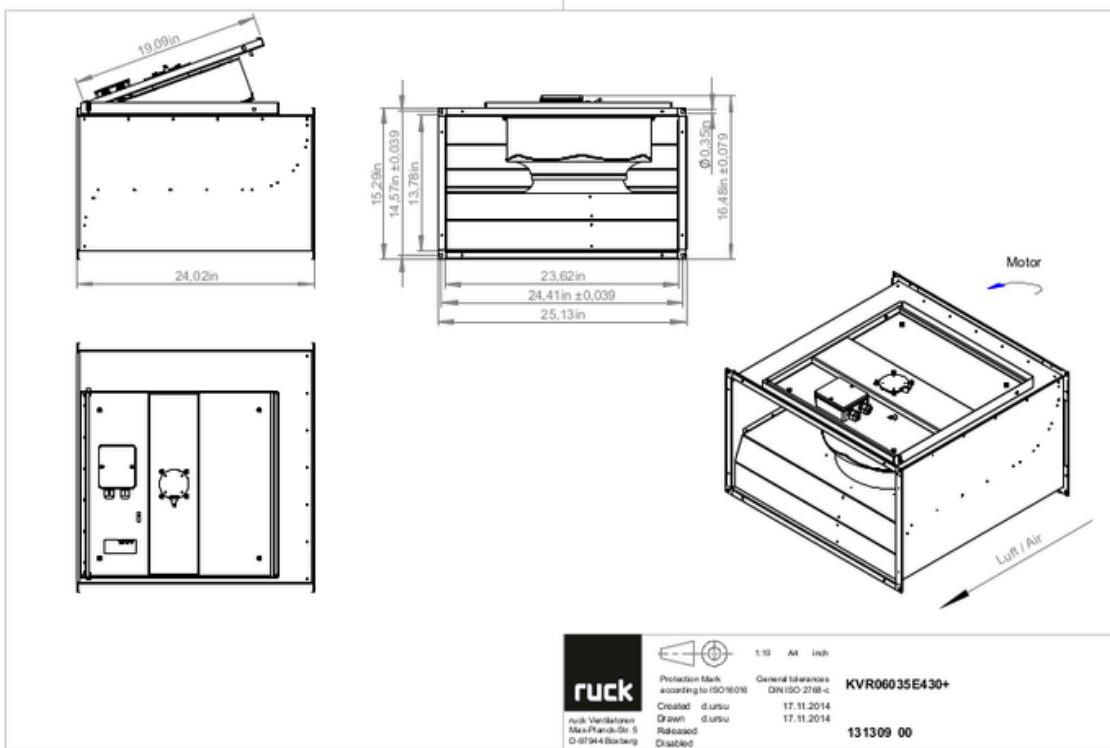
131309 00



KVR 6035 E4 30

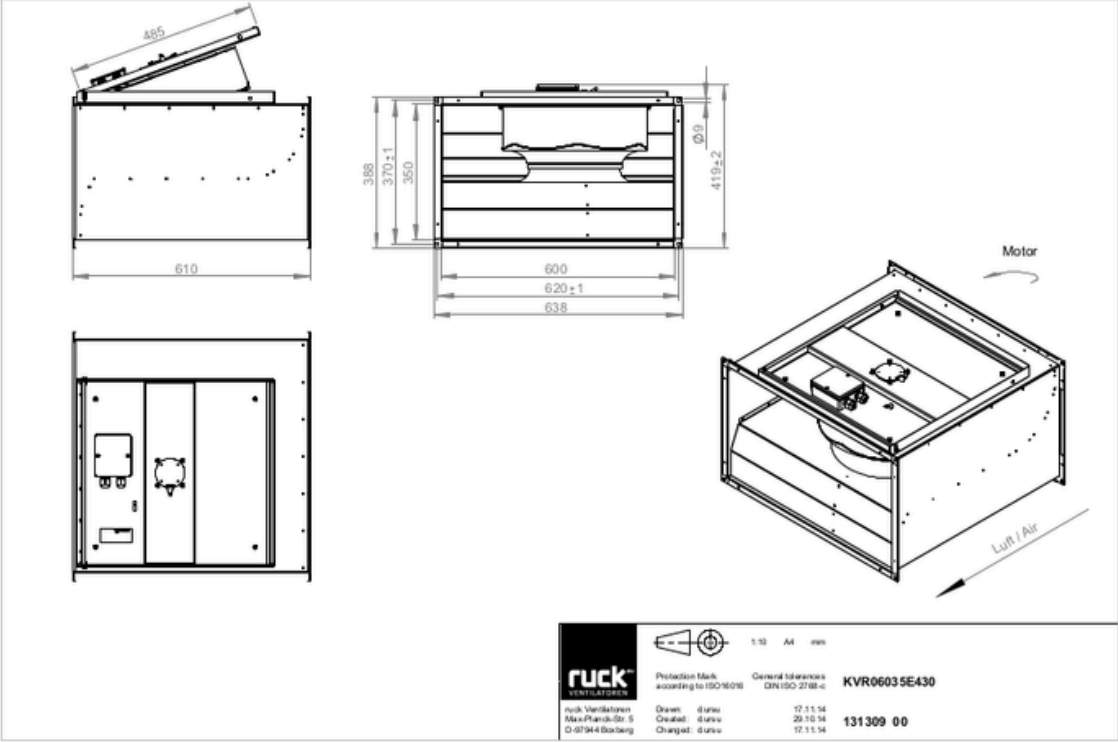
131309

ruck

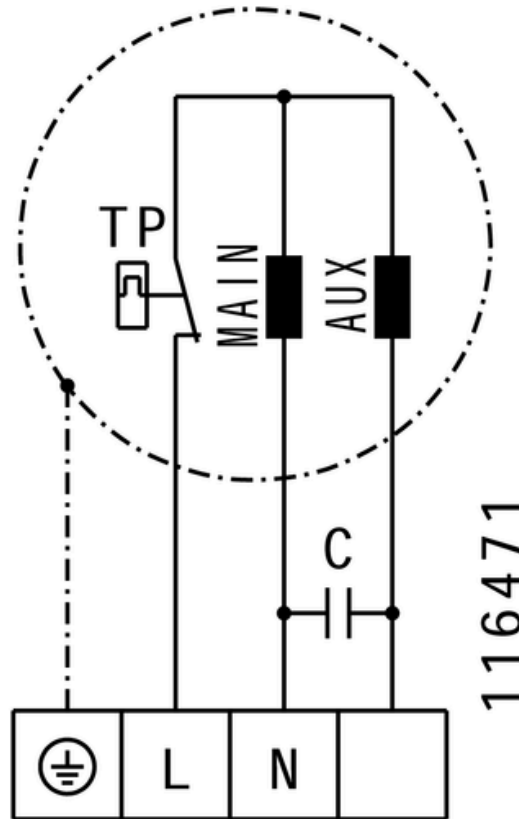


KVR 6035 E4 30

131309



to the product detail page



MECHANICAL ACCESSORIES

VS 6035 | 102808



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

VKK 6035 | 169684



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



ELECTRICAL ACCESSORIES

GS 01 | 102787



- Isolator switch
- $U_{max} = 400 \text{ V}$, 50/60 Hz
- Switching capacity 400 V 3~ = 7,5 kW
- $I_{max} = 25 \text{ A}$

MTY 2 | 103424



- Electronic controller
- Stepless
- 230 V ~, 50 Hz
- $I_{max.} = 2 \text{ A}$

TEE 015 | 115893



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

TES 0145 | 169581



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

