

KVT 5030 D4 30

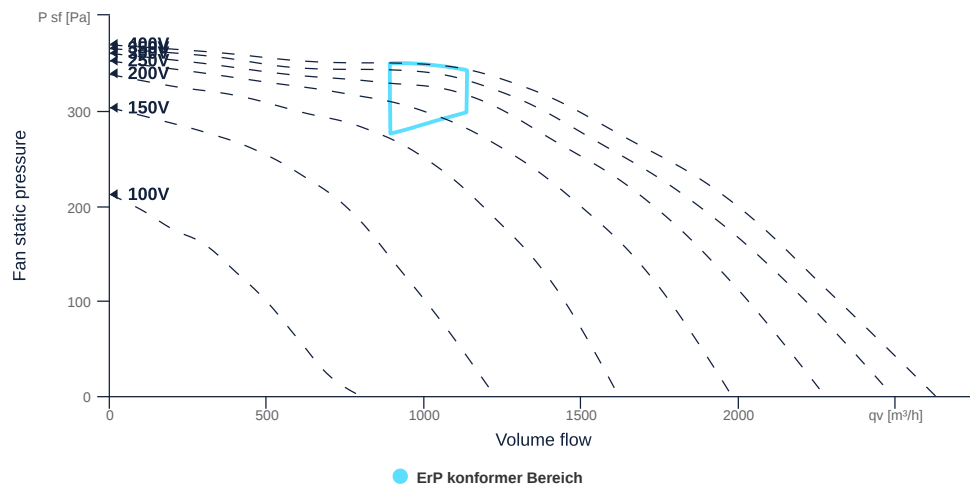
132833

- Forward curved centrifugal fan
- Swing out fan unit
- Housing made of galvanized sheet steel
- Robust three phase AC motor, voltage controllable
- Integrated thermal switch



FAN CURVES

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



to the product detail page

KVT 5030 D4 30

132833

ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	none		
Duct size	500x300		WxH _{duct}
Pipe connection size (DN)	-		DN
Rated voltage (entire device)	400	v	U _{rated}
Phases (entire device)	3~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		mat _{casing}
Impeller material	Steel		mat _{impeller}
IP-protection class (casing)	IPX4		IP _{casing}
IP-protection class (entire device)	IPX4		IP _{compl}
IP-Protection class (terminal box)	IP44		IP _{ebox}
Weight	19.9	kg	m
Nominal air flow rate, nominal point m³/h	1137.6	CmH	q _{v,nom}
Nominal external pressure, static	342	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	0.32	CmS	q _{v,nom}
Actual electrical input power, nominal point	0.31	kw	P _{e,nom}
Face velocity, nominal point	2.1	mps	v _{nom}
Nominal external pressure, static	342	Pa	p _{s,nom}
static efficiency of the extract fan, nominal point	34.79	p	η _{es,EHA}
Enclosure sound level, nominal point	64.04	db	LWA2
Rating	Product is compliant 2018		



KVT 5030 D4 30

132833

ruck

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	747	W	P _{ed, max}
Max. operating current (device)	1.54	A	I _{ed, max}
Max. speed	1480	rpm	n _{max}
Max. stat. efficiency	34.6	%	η _{es}
Max. fan efficiency	34.8	%	η _e
Max. flowrate	2620	CmH	Q _{v, max}
Max. stat pressure	370	Pa	p _{sf, max}
Max. medium temperature	50	°C	T _{m, max}
Max. environment temperature	50	°C	T _{amb, max}
Min. environment temperature	-30	°C	T _{amb, min}
Min. voltage	100	V	U _{min}

MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		AC 3~		phase
Control type		stepless-controlled		ctrltype
Installation type		ORM (Out)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISO _{class}
Motor-protection		TAO		protect _{motor}
Protection class		IP54		IP _{motor}
Is pole-changeable		No		pole _{exch}
Type of power supply		AC 3~		pwr _{sup} _{motor}
Number of poles (1)		4.000000		num poles _{w1}
Connection	Y	Y		wiring _{w1}
Rated voltage	400	400	V	U _{rated, f1}
Rated current	1.17	1.26	A	I _{rated, f1}
Speed	1350	1560	rpm	n _{f1}
Starting current	4	3.7	A	I _{start, f1}
Efficiency	37.2	37.2	%	η _{m, f1}
Min. temperature	-40	-40	°C	T _{motor, min}
UL-Certification motor		None		UL _{cert}



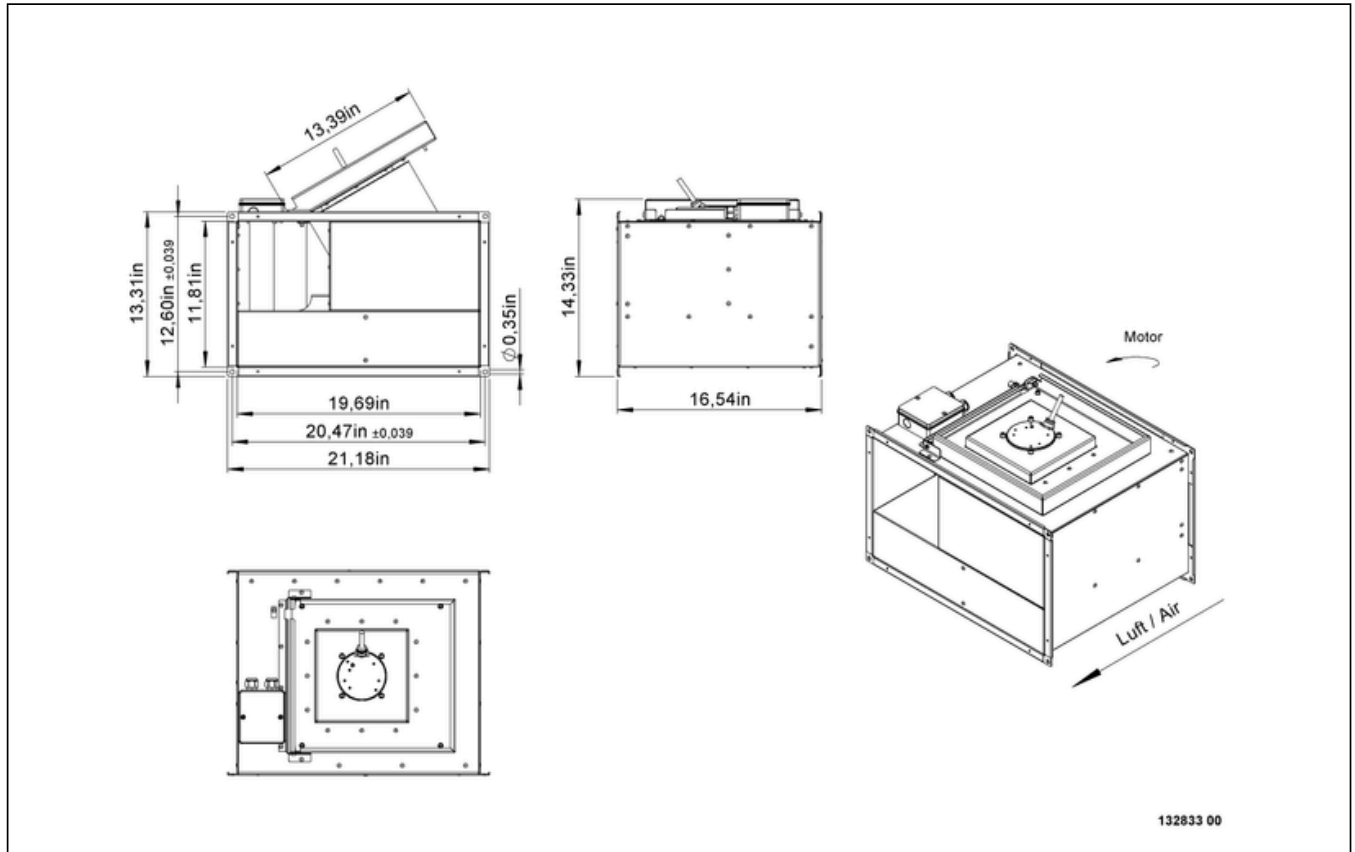
to the product detail page

KVT 5030 D4 30

132833

ruck

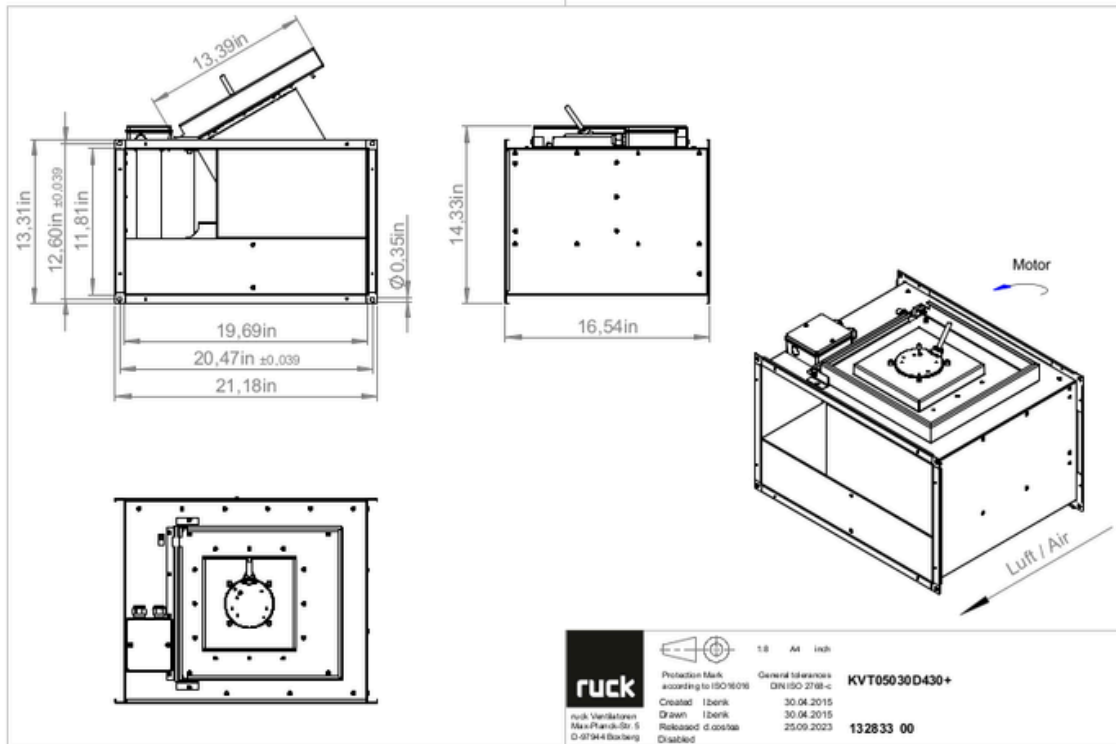
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



KVT 5030 D4 30

132833

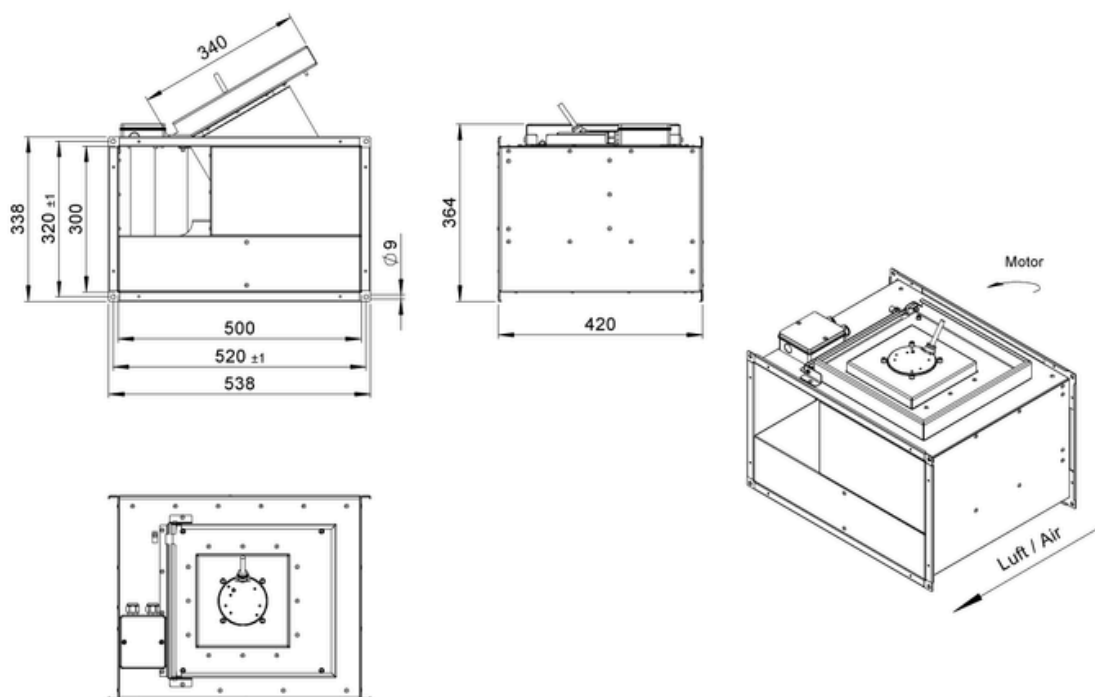
ruck



KVT 5030 D4 30

132833

ruck



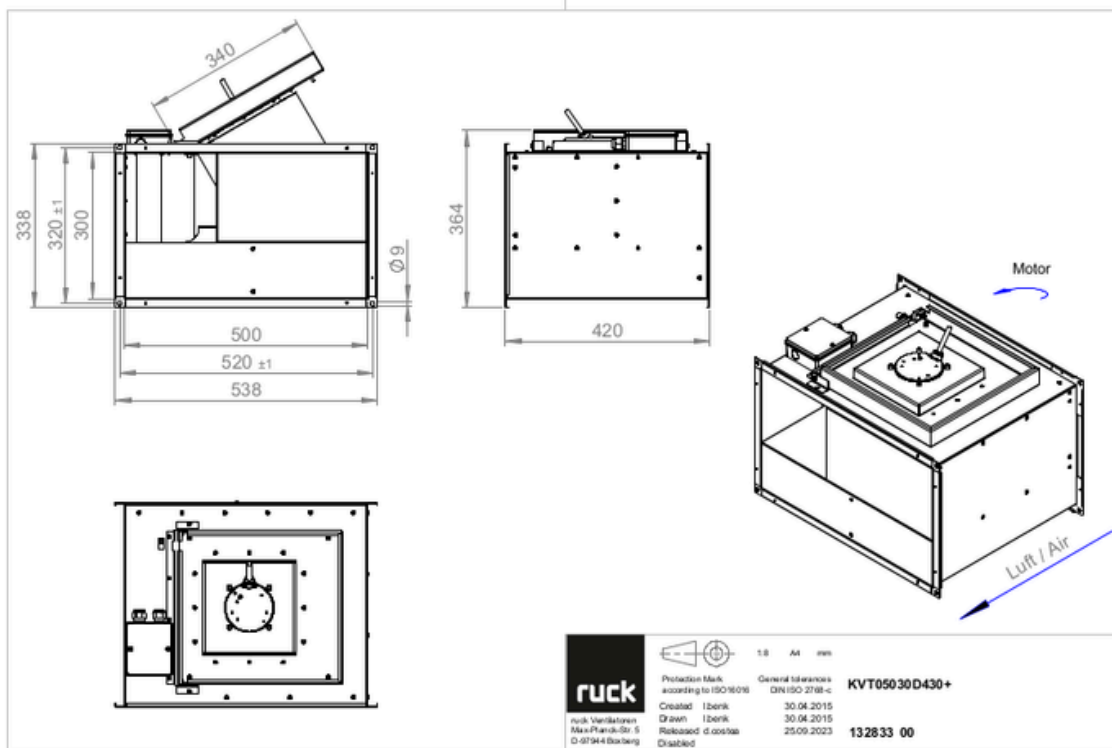
132833 00



KVT 5030 D4 30

132833

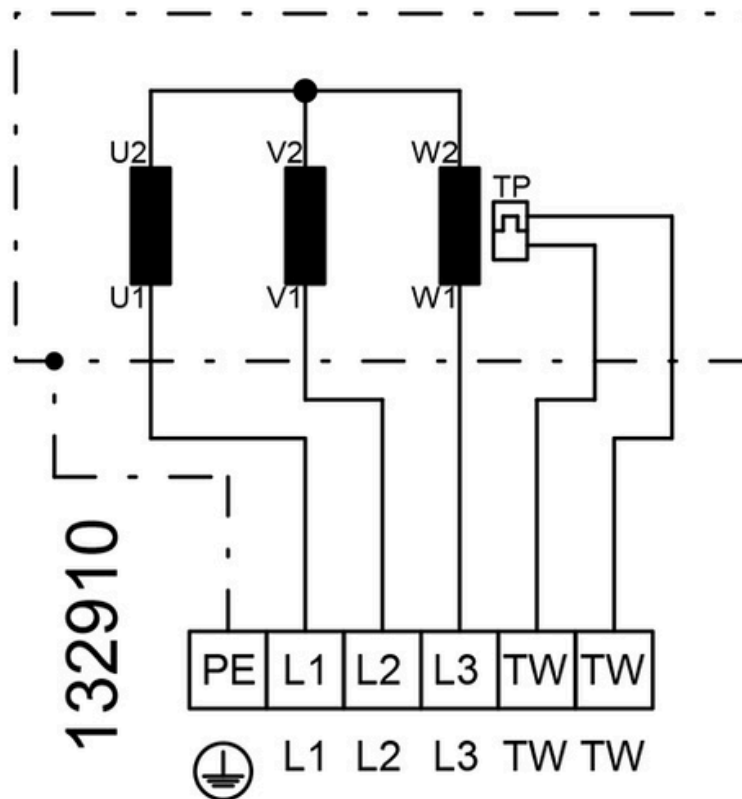
ruck



to the product detail page

KVT 5030 D4 30

132833



MECHANICAL ACCESSORIES

VS 5030 | 102805



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

VKK 5030 | 169682



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



to the product detail page

KVT 5030 D4 30

132833

ELECTRICAL ACCESSORIES

TDM 025 | 107628



- 5-step transformer
- 400 V 3~, 50/60 Hz

GS 03 | 107633



- Device switch
- $U_{max} = 400 \text{ V}$, $I_{max} = 25 \text{ A}$
- Switching capacity 400 V 3~ = 7,5 kW
- Protection class IP 55

TDS 025 | 113663



- 7-step transformer
- 400 V 3~, 50/60 Hz



to the product detail page