

KVT 3015 E2 20

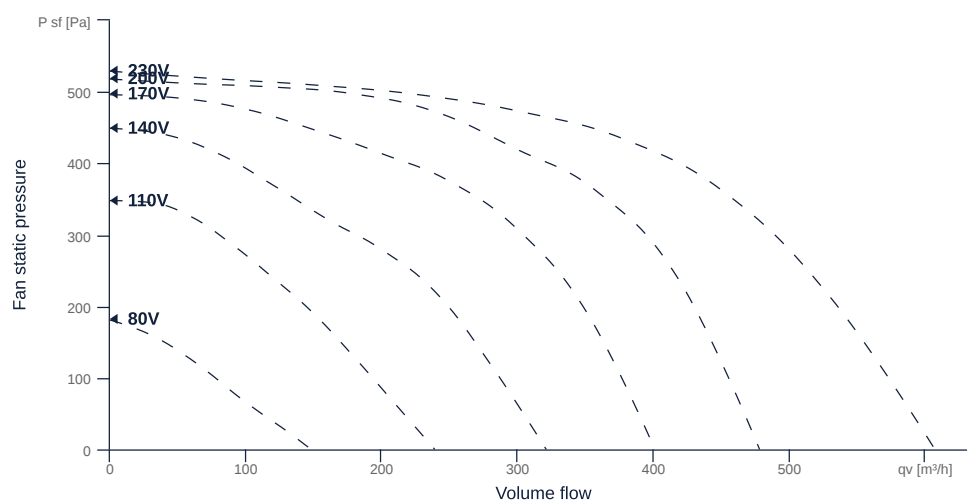
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- Forward curved centrifugal fan
- Swing out fan unit
- Housing made of galvanized sheet steel
- Robust single phase AC motor, steplessly controllable
- Conveyed medium temperature up to 50 °C in continuous operation



FAN CURVES

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



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GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	none		
Duct size	300x150		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 (casing)	IPX4		IP _{casing}
IP-protection class (entire device)	IPX4		IP _{compl}
IP-Protection class (terminal box)	IP44		IP _{ebox}
Weight	6.28	kg	m
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
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MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	240	w	P _{ed, max}
Max. operating current (device)	1.1	A	I _{ed, max}
Max. speed	2800	rpm	n _{max}
Max. stat. efficiency	25.4	p	η _{es}
Max. fan efficiency	25.6	p	η _e
Max. flowrate	610	CmH	q _{v, max}
Min. stat pressure	100	Pa	p _{sf, min}
Max. stat pressure	530	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}



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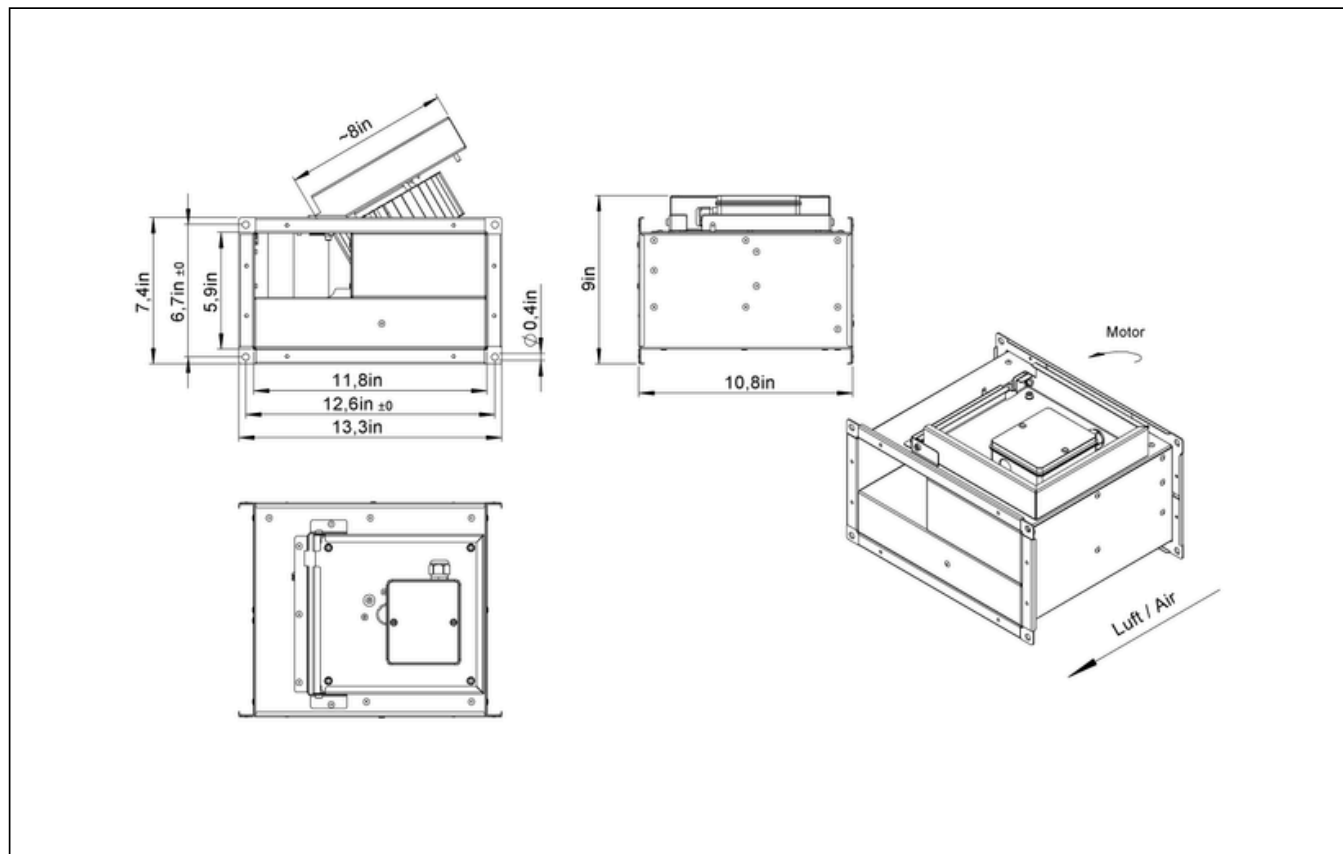
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MOTOR DATA

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 B		ISOclass
Motor-protection		TAI		protectmotor
Protection class		IP33		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwrsupmotor
Capacity capacitor		6	μF	Ccond
Voltage capacitor		400	v	VUcond
Number of poles (1)		2.000000		num polesw1
Rated voltage	230		v	Urated, f1
Rated current	0.64		A	Irated, f1
Speed	2600		rpm	nf1
Efficiency	28.4		p	ηm, f1
Min. temperature	-30		°C	Tmotor, min
Cos Phi	0.980000	0.000000		cos φ
UL-Certification motor		None		ULcert



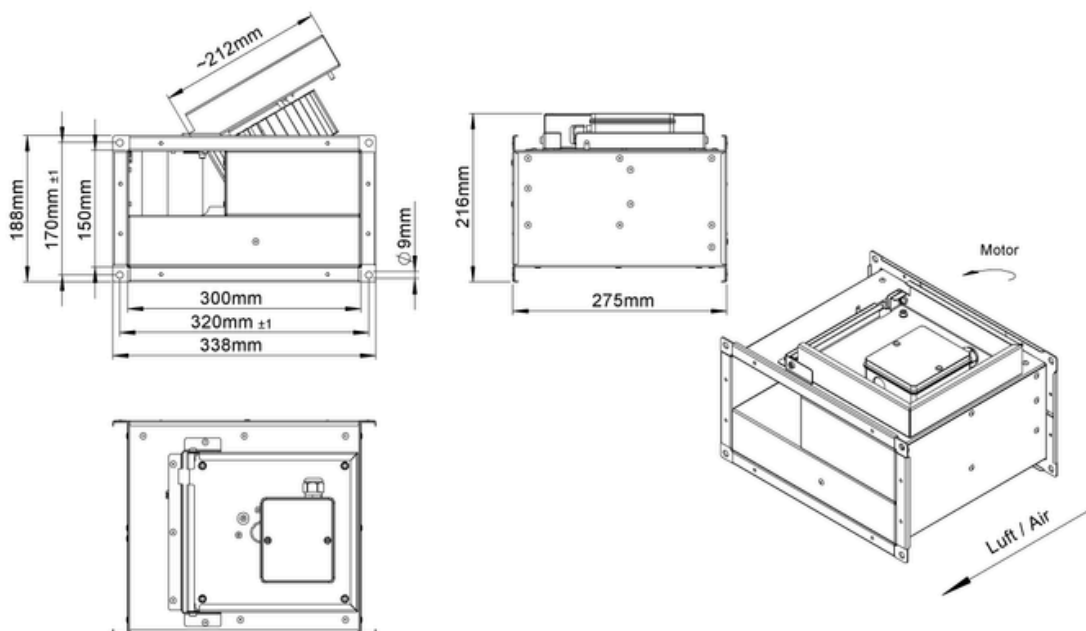
CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS



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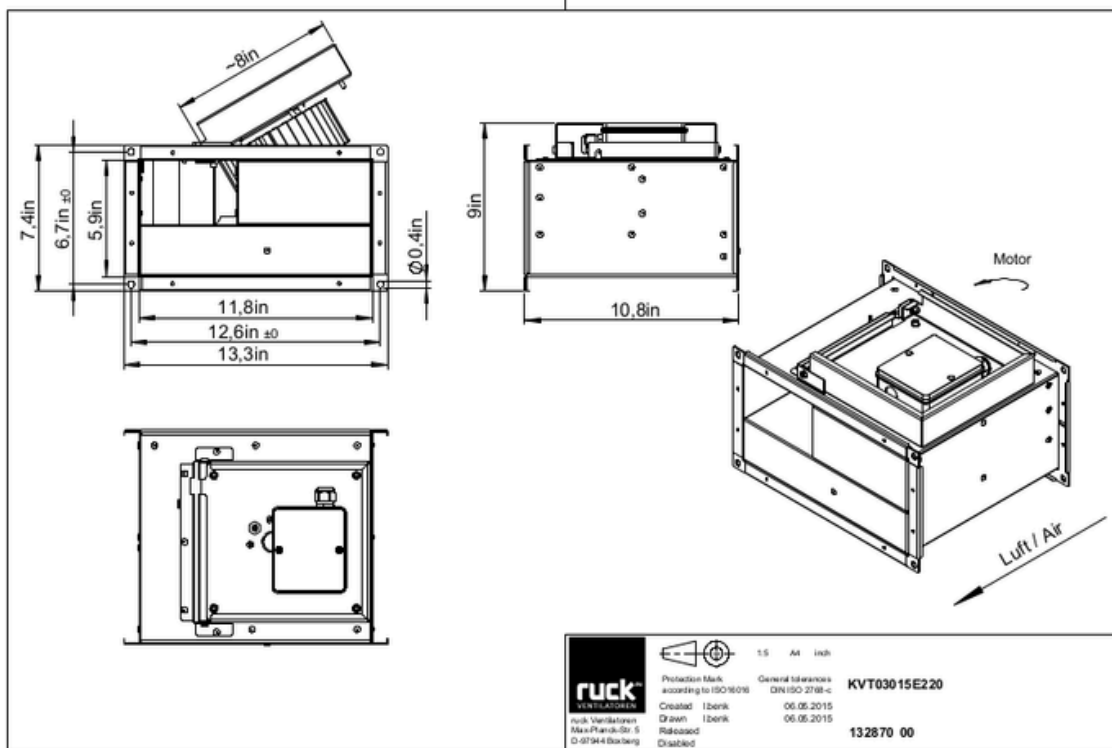


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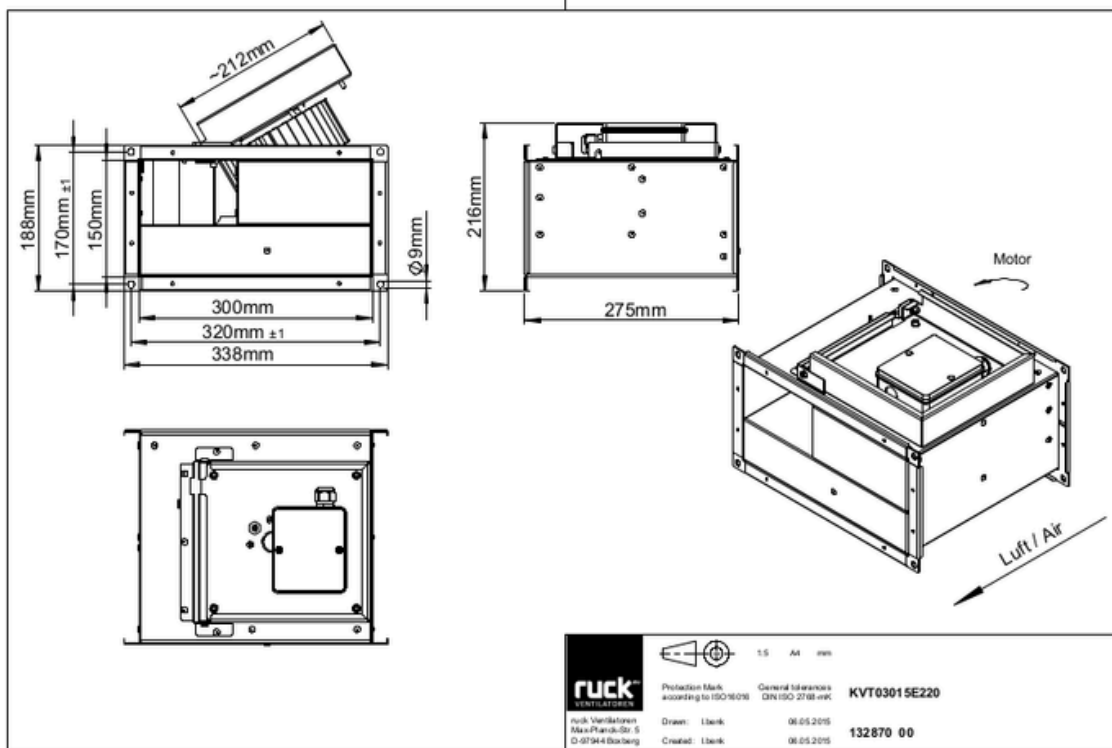
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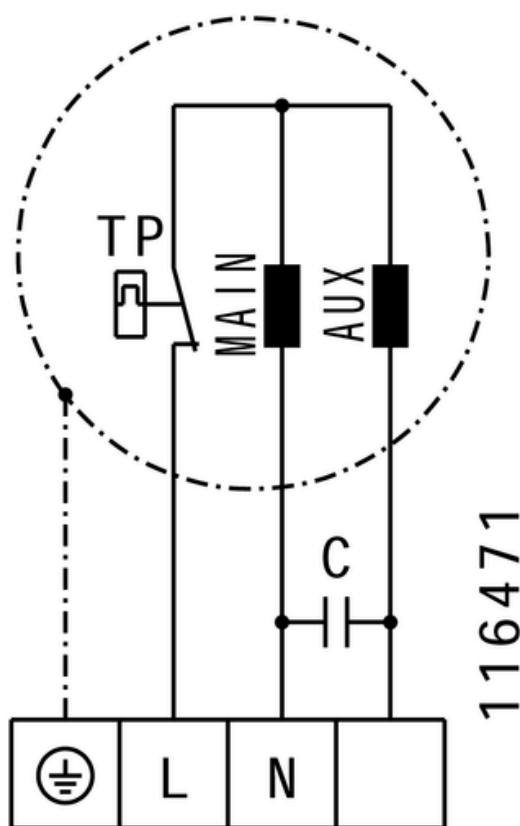
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