

RS 200L 10

136395

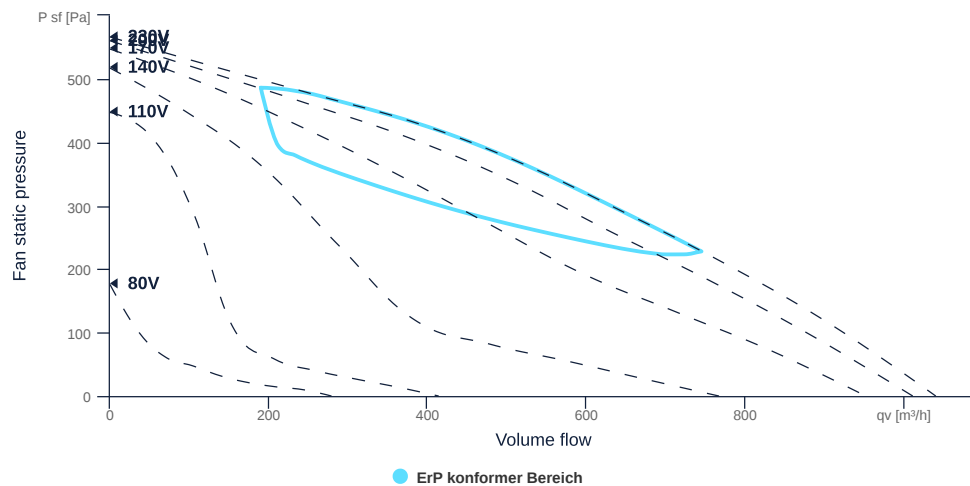
ruck

- Compact centrifugal fan
- Backward curved impeller
- Sheet steel housing, RAL 7035, powder coated
- Robust single phase AC motor, steplessly controllable
- Conveyed medium temperature up to 75 °C in continuous operation
- Integrated thermal switch



FAN CURVES

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



to the product detail page

GENERAL DATA

Name	Value	Unit	Formula symbol
Labeling	CE, UKCA		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN200		DN
Rated voltage (entire device)	230	v	U _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Steel		mat _{casing}
Impeller material	Plastic		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	5.1	kg	m
Nominal air flow rate, nominal point m³/h	673.2	CmH	qV _{nom}
Nominal external pressure, static	269	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	0.19	CmS	Q _{V, nom}
Actual electrical input power, nominal point	0.15	kw	P _{e, nom}
Face velocity, nominal point	5.94	mps	V _{nom}
Nominal external pressure, static	269	Pa	p _{s, nom}
supply air fan static efficiency, nominal point	43.3	p	η _{es, SUP}
Highest external air leakage rate	1.21	p	
Enclosure sound level, nominal point	63	db	LWA2
Rating	Product is compliant 2018		



MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	154	228	w	P _{ed, max}
Max. operating current (device)	0.88	1.06	A	I _{ed, max}
Max. speed	2910	3430	rpm	n _{max}
Max. stat. efficiency	33.8	32.2	p	η _{es}
Max. fan efficiency	34.9	33	p	η _e
Max. flowrate	1040	1190	CmH	q _{v, max}
Max. stat pressure	560	785	Pa	p _{sf, max}
Max. medium temperature	75	40	°C	T _{m, max}
Max. environment temperature	75	40	°C	T _{amb, max}
Min. environment temperature	-25	-25	°C	T _{amb, min}
Min. voltage	80	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		ISOclass
Motor-protection		TMI		protectmotor
Protection class		IP33		IP _{motor}
Is pole-changeable		No		polexch
Type of power supply		AC 1~		pwr _{sup} motor
Capacity capacitor		5	μF	C _{cond}
Voltage capacitor		400	v	VU _{cond}
Number of poles (1)		2.000000		num poles _{w1}
Rated voltage	230	230	v	U _{rated, f1}
Rated current	0.7	1.01	A	I _{rated, f1}
Speed	2685	2896	rpm	n _{f1}
Starting current	1.67	1.55	A	I _{start, f1}
Efficiency	43.2	36.3	p	η _{m, f1}
Min. temperature	-30	-30	°C	T _{motor, min}
Cos Phi	0.990000	0.990000		cos φ
UL-Certification motor		None		UL _{cert}



RS 200L 10

136395

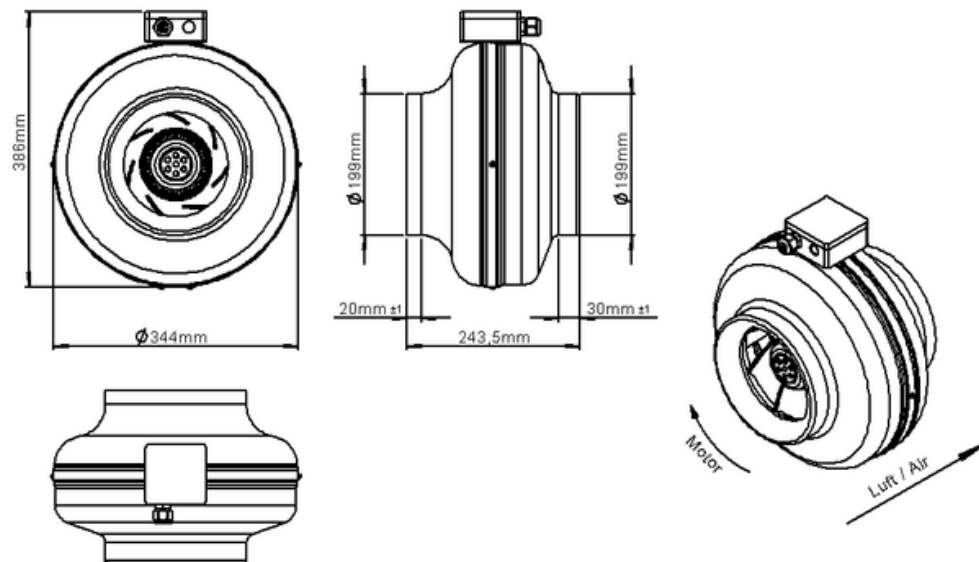


SMOKE EXTRACT DATA

Name	Value	Unit	Formula symbol
Fire resistance class	None		Fclass



CIRCUIT DIAGRAMS / DIMENSIONAL DRAWINGS

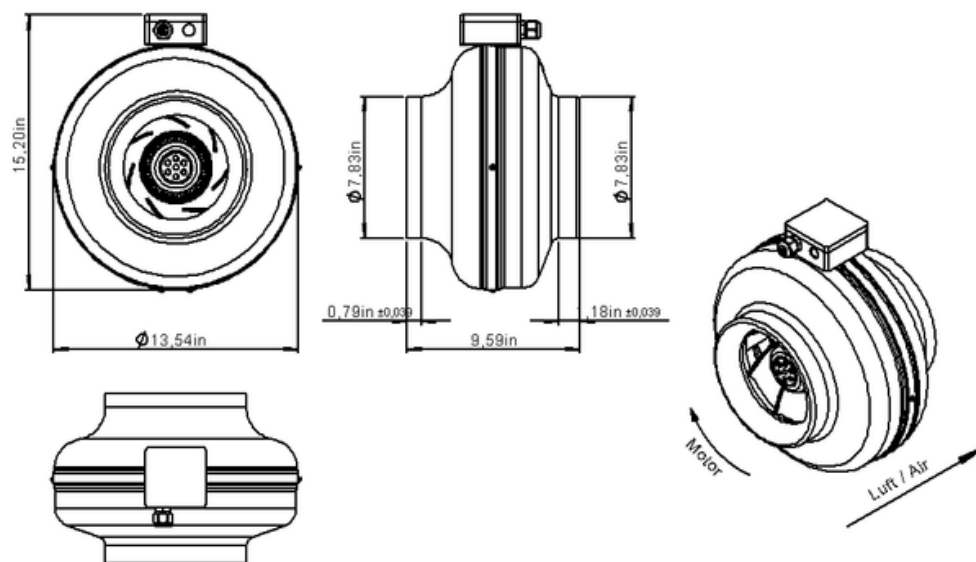


136395 00



RS 200L 10

136395

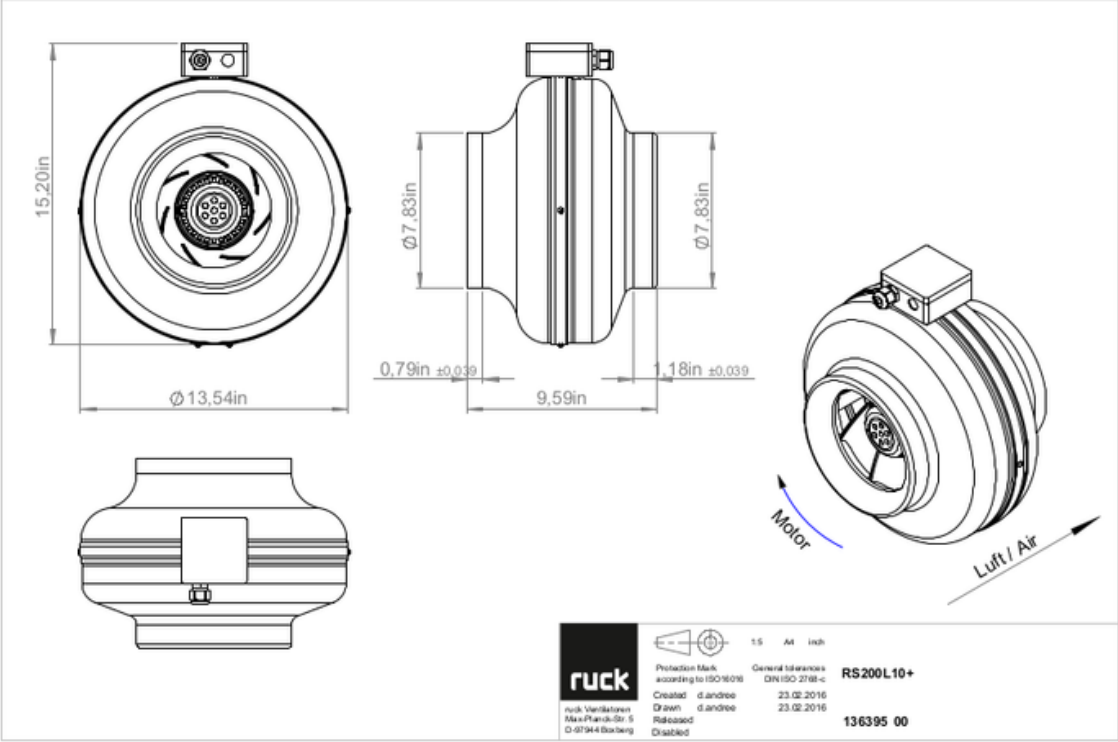


136395 00



to the product detail page

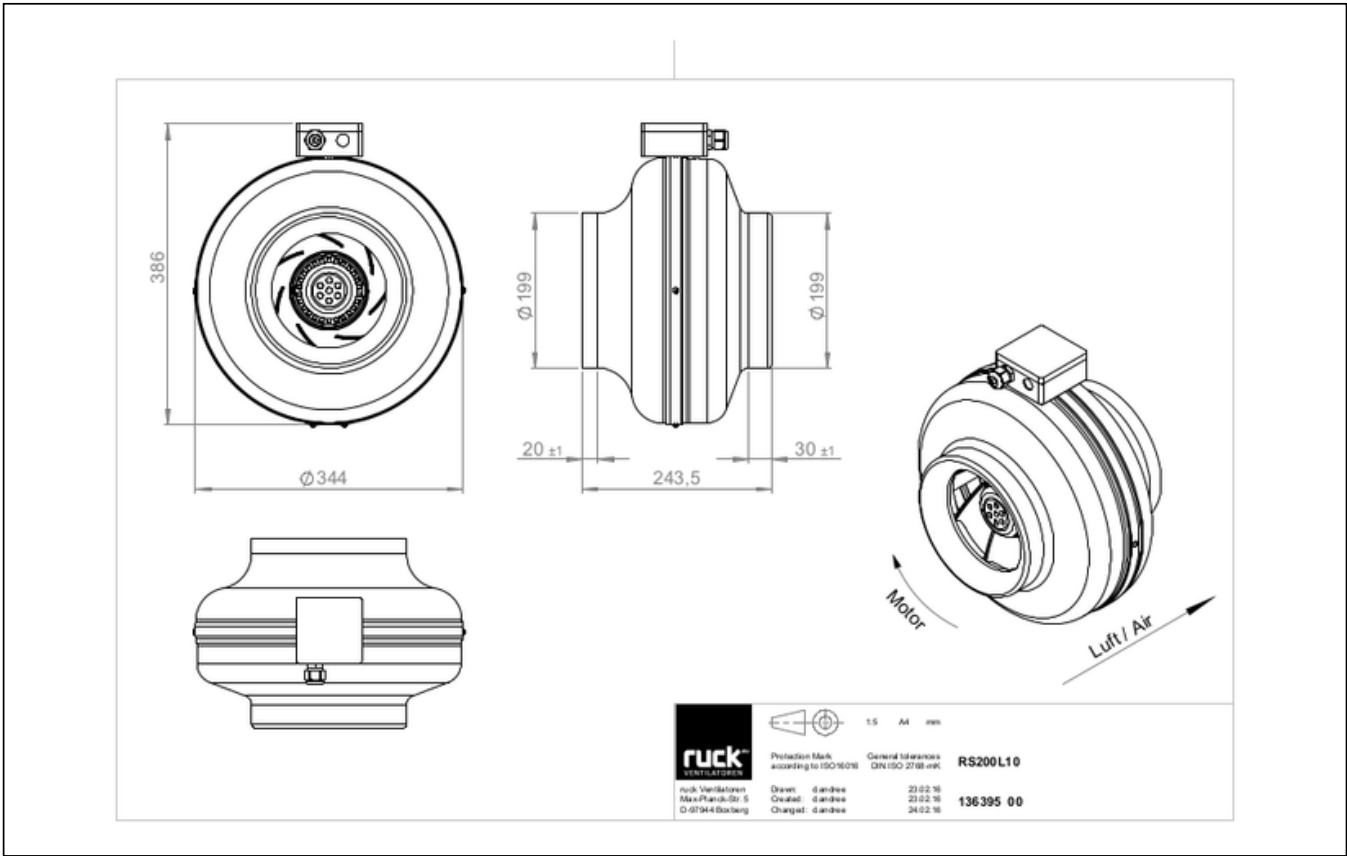
RS 200L 10
136395

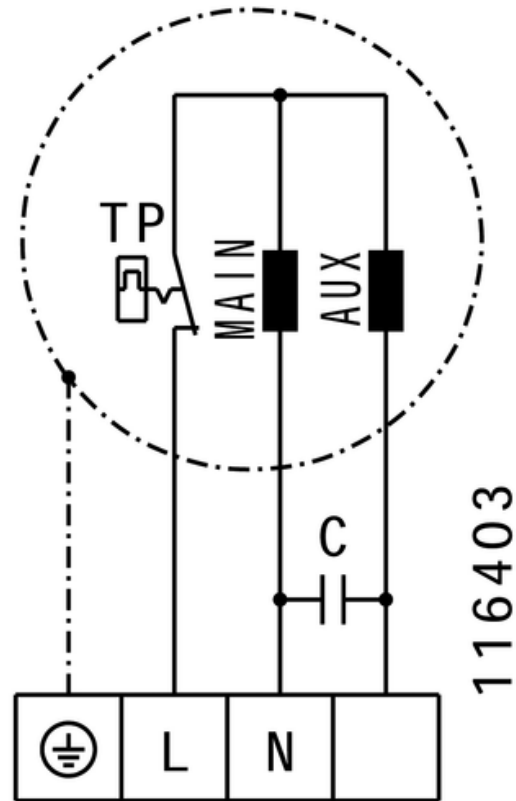


to the product detail page

RS 200L 10

136395





MECHANICAL ACCESSORIES

VM 200 | 102650



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm Neopren gasket
- 1 Pack = 2 pieces

RSK 200 | 102662



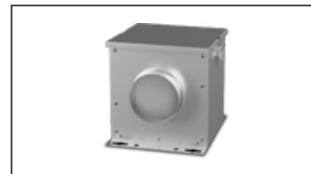
- Back draught shutter for tube fitting
- Galvanized steel sheet housing
- Aluminum flaps

MRS 2 | 110095



- Mounting bracket
- Galvanized steel sheet
- Includes: Mounting bracket and 2 Phillips screws (6 x 45 mm), 2 dowels (8 x 40 mm)

FV 200 | 112832



- Air filter box with mat filter ISO Coarse 45 % (G3)
- Toggle-type fastener

FT 200 | 112840



- Air filter box for pocket filter
- Toggle-type fastener
- Galvanized steel sheet housing
- Without filter

FTW 200 | 112853



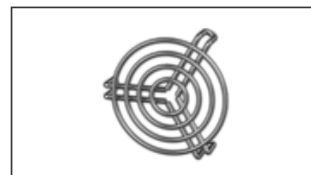
- Air filter box with pocket filter M5
- Integrated warm water heating coil
- Galvanized steel sheet housing
- Toggle-type fastener

RSK 200D | 113487



- Back draught shutter for tube fitting
- Galvanized steel sheet housing
- Aluminum flaps
- Integrated gasket

SG 200 01 | 169589



- Protection grille for tube connection
- Galvanized wire

SDS 200 | 169606



- Rigid tube silencer
- Galvanized steel sheet
- Sound insulation packing 50 mm (mineral wool)

SDF 200 | 169643



- Flexible tube silencer
- Galvanized steel sheet
- Sound insulation packing 50 mm



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 1 | 103428



- Electronic controller
- Stepless
- 230 V ~, 50 Hz
- Max. ambient temperature 35 °C
- $I_{max} = 1\text{ A}$
- Surface and flush mounting

ETY 15 | 115891



- Electronic controller
- Stepless speed control
- 230 V ~, 50 Hz, 2,5 A
- Max. ambient temperature 35 °C

TEE 015 | 115893



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

TES 0145 | 169581



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

