

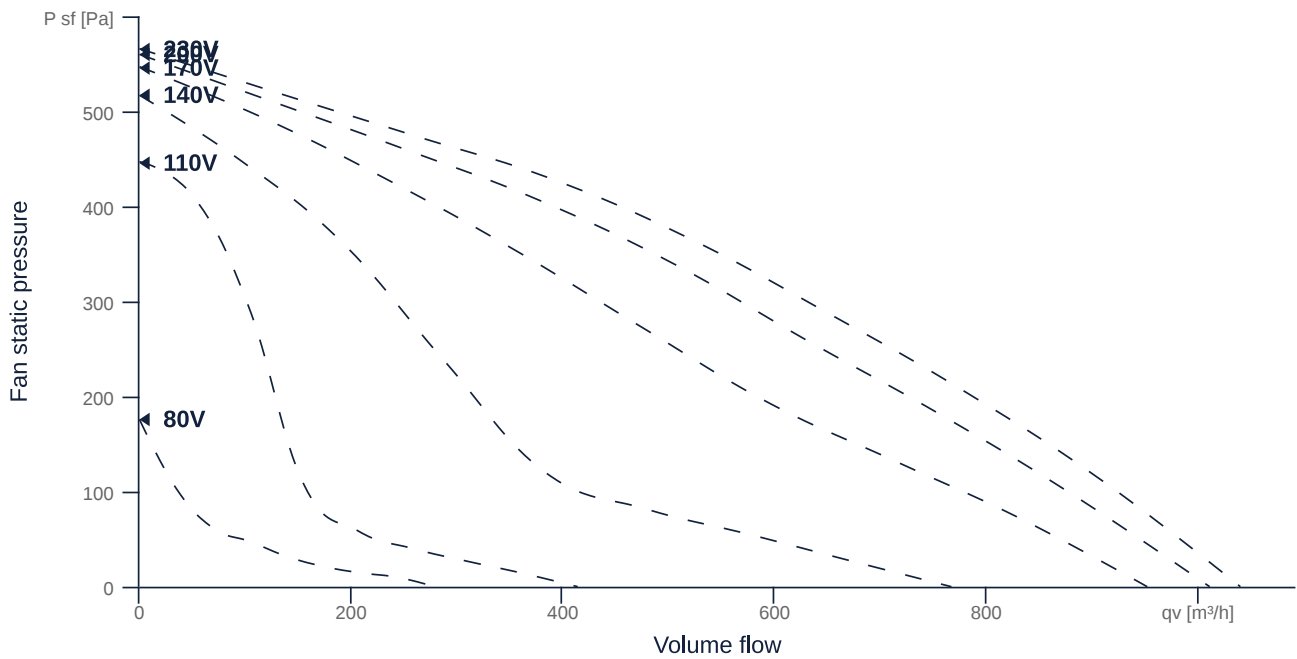
RS 200L 10

136395

- Compact radial 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



MAP



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GENERAL DATA

Name	Value	Unit	Formula symbol
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN200		DN
Electrical protection (entire device)	20 A		fuse
Housing material	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	5.1	kg	m
Nominal air flow rate, nominal point m ³ /h	673.2	m ³ /s	q _{Vnom}
Nominal external pressure, static	269	Pa	p _{ext}
Fan type	Radial		Fan _{type}
Category / Installation situation	C		cat
Sound insulation	No		snd _{ins}
Rated voltage (entire device)	230.000000		U _{rated}
Phases (entire device)	1~		phase

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	1/min	n _{max}
Max. stat. efficiency	33.8	32.2	%	η _{es}
Max. fan efficiency	34.9	33	%	η _e
Max. flowrate	1040	1190	m ³ /h	q _{v, max}
Max. stat pressure	560	785	Pa	p _{st, 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}

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MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)	50.000000			f
Motor type	AC 1~			phase
Control type	stepless-controlled			ctrltype
Installation	ORM (Out)			install
Rotation direction	right			rotation
Isolation class	ISO F			ISOclass
Motor-protection	TMI			protectmotor
Protection class	IP33			IPmotor
Is pole-changeable	No			polexch
Type of power supply	AC 1~			pwrsupmotor
Capacity condenser	5		μF	Ccond
Voltage condenser	400		V	VUcond
Number of poles (1)	2.000000			num polesw1
Rated voltage	230		V	U _{rated, f1}
Rated current	0.7		A	I _{rated, f1}
Speed	2685		1/min	n _{f1}
Min. temperature	-30		°C	T _{motor, min}
Cos Phi	0.000000	0.000000		cos φ

PRODUCT INFORMATION

Name	Value	Unit	Formula symbol
Category / Installation situation	C		cat
Fan type	Radial		Fan _{type}

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SCHALTPLÄNE / MASSZEICHNUNGEN

