

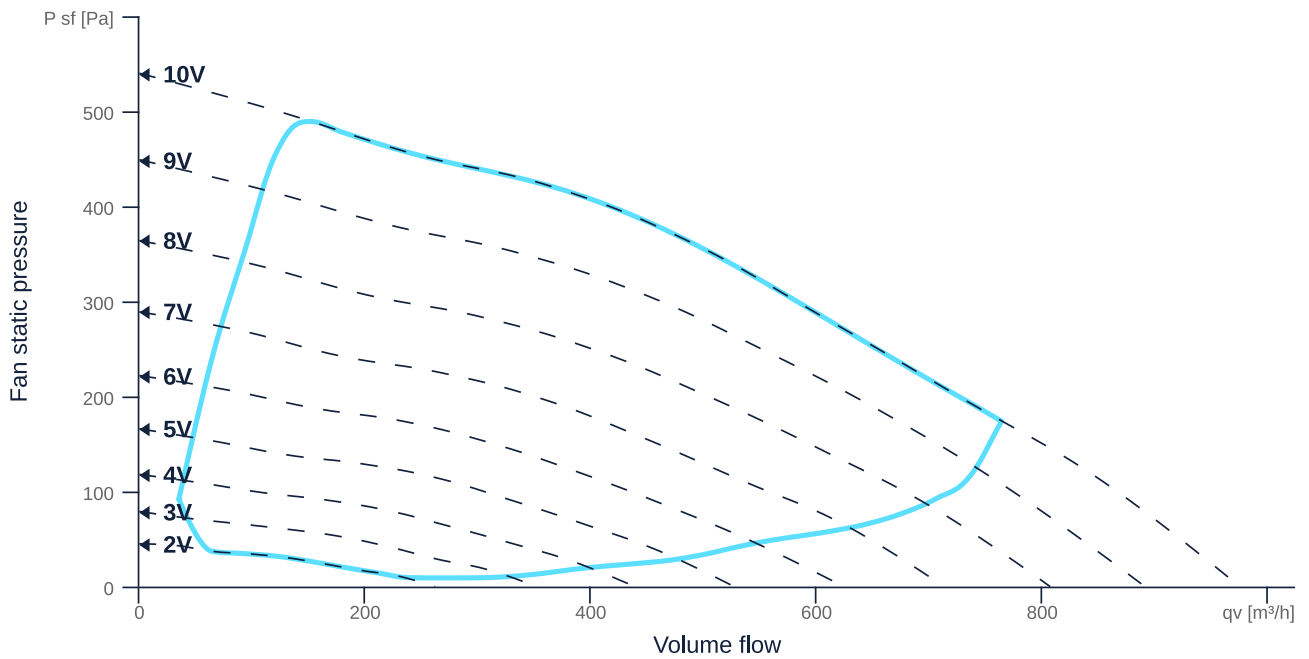
# RS 200 EC K 01

154668

- Compact radial fan
- Backward curved impeller
- Sheet steel housing, RAL 7035, powder coated
- High efficiency EC motor, steplessly controllable
- Conveyed medium temperature up to 60 °C in continuous operation
- Internal electronic temperature monitoring



## MAP



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**ruck**

## GENERAL DATA

Name	Value	Unit	Formula symbol
Duct size	-		WxH <sub>duct</sub>
Pipe connection size (DN)	DN200		DN
Electrical protection (entire device)	20 A		fuse
Housing material	Steel		mat <sub>casing</sub>
Impeller material	Plastic		mat <sub>impeller</sub>
IP-protection class (entire device)	IPX4		IP <sub>compl</sub>
IP-Protection class terminal box	IP44		IP <sub>Ebox</sub>
Weight	3.87	kg	m
Nominal air flow rate, nominal point m <sup>3</sup> /h	460.8	m <sup>3</sup> /s	q <sub>Vnom</sub>
Nominal external pressure, static	298.1	Pa	p <sub>ext</sub>
Fan type	Radial		Fan <sub>type</sub>
Category / Installation situation	A		cat
Sound insulation	No		snd <sub>ins</sub>
Rated voltage (entire device)	230	V	U <sub>rated</sub>
Phases (entire device)	1~		phase

## MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	121	W	P <sub>ed, max</sub>
Max. operating current (device)	1.03	A	I <sub>ed, max</sub>
Max. speed	2900	1/min	n <sub>max</sub>
Max. stat. efficiency	39	%	η <sub>es</sub>
Max. fan efficiency	40.5	%	η <sub>e</sub>
Max. flowrate	970	m <sup>3</sup> /h	q <sub>v, max</sub>
Max. stat pressure	540	Pa	p <sub>sf, max</sub>
Max. medium temperature	60	°C	T <sub>m, max</sub>
Max. environment temperature	60	°C	T <sub>amb, max</sub>
Min. environment temperature	-30	°C	T <sub>amb, min</sub>



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