

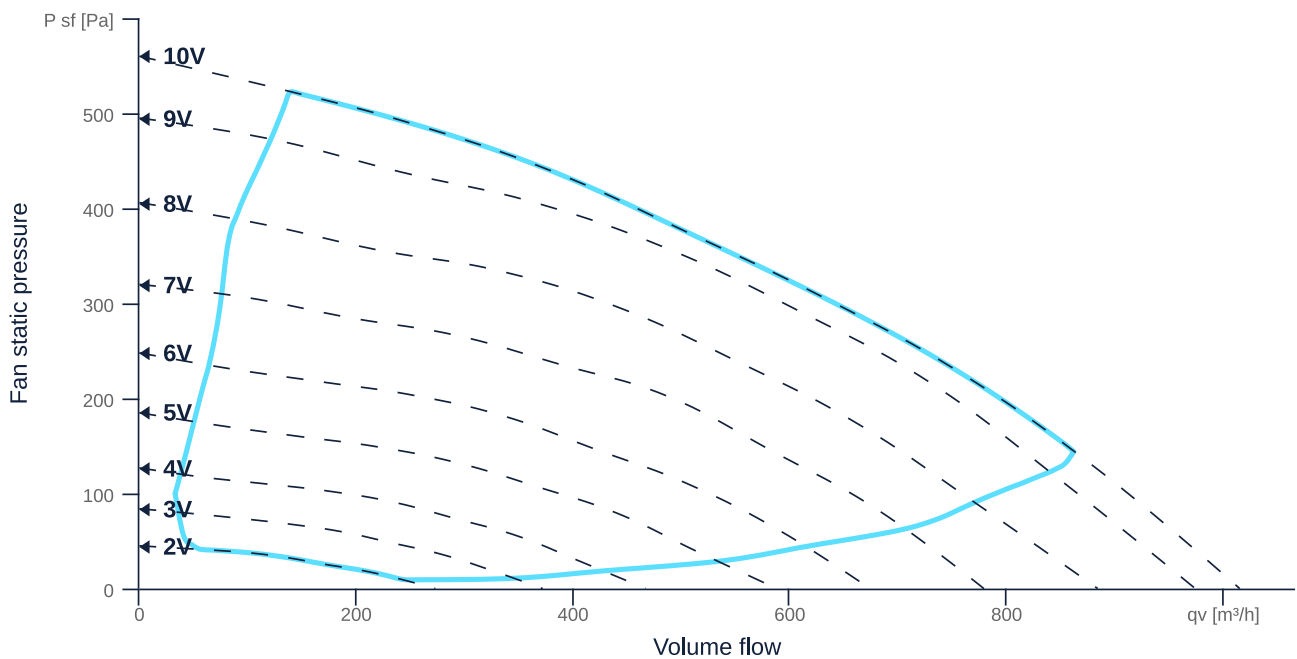
# RS 250 EC K 01

154639

- 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	-		WxHduct
Pipe connection size (DN)	DN250		DN
Electrical protection (entire device)	20 A		fuse
Housing material	Steel		matcasing
Impeller material	Plastic		matimpeller
IP-protection class (entire device)	IPX4		IPcompl
IP-Protection class terminal box	IP44		IPebox
Weight	3.95	kg	m
Nominal air flow rate, nominal point m <sup>3</sup> /h	471.6	m <sup>3</sup> /s	qvnom
Nominal external pressure, static	207.3	Pa	pext
Fan type	Radial		Fan <sub>type</sub>
Category / Installation situation	A		cat
Sound insulation	No		sndins
Rated voltage (entire device)	230	V	U <sub>rated</sub>
Phases (entire device)	1~		phase

## MAXIMAL DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Max. power consumption (device)	118	118	W	P <sub>ed, max</sub>
Max. operating current (device)	0.99	0.99	A	I <sub>ed, max</sub>
Max. speed	2930	2930	1/min	n <sub>max</sub>
Max. stat. efficiency	43.2	43.2	%	η <sub>es</sub>
Max. fan efficiency	44	44	%	η <sub>e</sub>
Max. flowrate	1010	1010	m <sup>3</sup> /h	q <sub>v, max</sub>
Max. stat pressure	560	560	Pa	p <sub>st, max</sub>
Max. medium temperature	60	60	°C	T <sub>m, max</sub>
Max. environment temperature	60	60	°C	T <sub>amb, max</sub>
Min. environment temperature	-30	-30	°C	T <sub>amb, min</sub>



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