

RS 100L 20

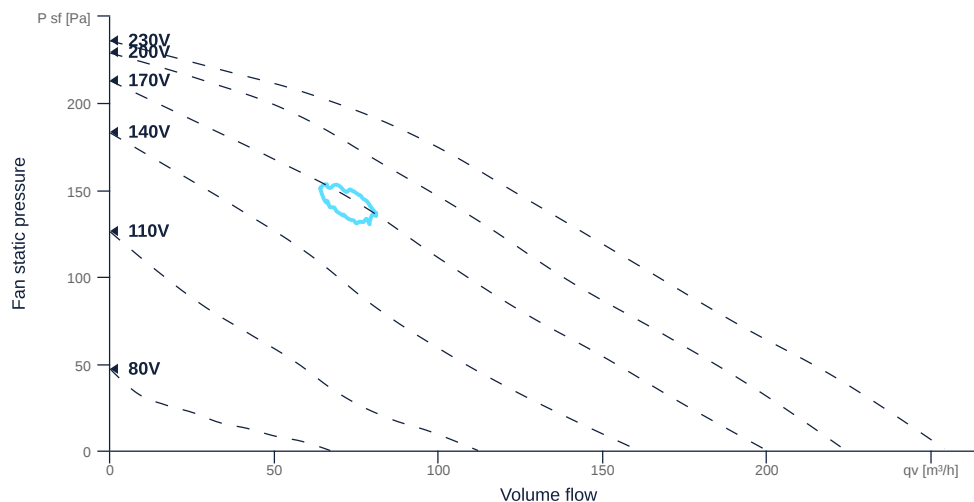
143351

- 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 60 °C in continuous operation
- Integrated thermal switch



MAP

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



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GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN100		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 (terminal box)	IP44		IP _{ebox}
Weight	2.77	kg	m
Nominal air flow rate, nominal point m ³ /h	90	m ³ /h	q _{v,nom}
Nominal external pressure, static	155	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 m ³ /s	0.03	m ³ /s	Q _{v,nom}
Actual electrical input power, nominal point	0.02	kW	P _{e,nom}
Face velocity, nominal point	3.2	m/s	V _{nom}
Nominal external pressure, static	155	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	17.8	%	η _{es,SUP}
Highest external air leakage rate	2.44	%	
Enclosure sound level, nominal point	48	dB(A)	L _{WA2}
Rating	Product is compliant 2018		



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