

MPS 450 D4 40

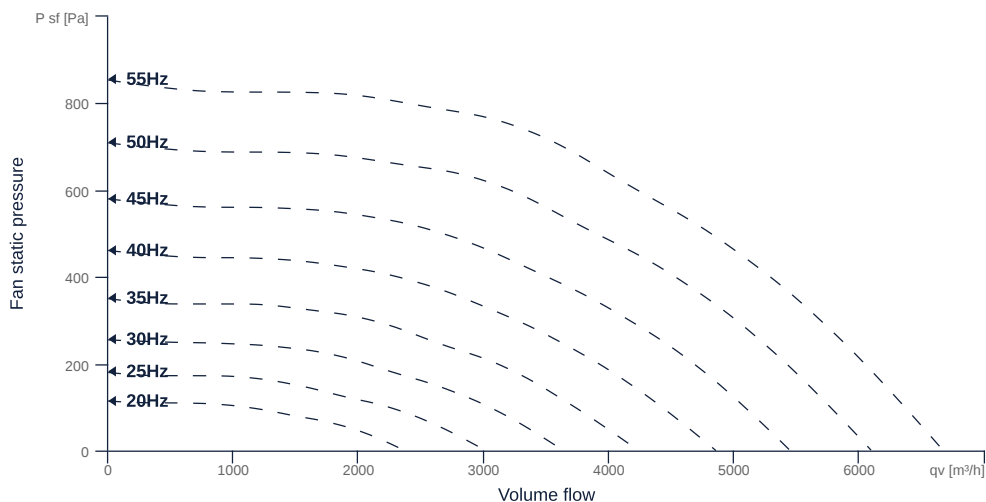
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- Backward curved radial impeller
- Swing out fan unit
- Sheet steel housing double-walled, 40 mm mineral wool
- Efficient IE3 motor, outside the airflow
- Conveyed medium temperature up to 120 °C in continuous operation
- With condensate and grease drain



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)	DN355		DN
Rated voltage (entire device)	400	V	U _{rated}
Phases (entire device)	3~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Steel		mat _{casing}
Impeller material	Steel		mat _{impeller}
Weight	74.9	kg	m
Nominal air flow rate, nominal point m ³ /h	3643.2	m ³ /h	q _{v,nom}
Nominal external pressure, static	699.2	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	1.01	m ³ /s	q _{v,nom}
Actual electrical input power, nominal point	1.17	kW	P _{e,nom}
Face velocity, nominal point	10.2	m/s	v _{nom}
Nominal external pressure, static	699.2	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	63.5	%	η _{es,SUP}
Highest external air leakage rate	0.25	%	
Enclosure sound level, nominal point	80	dB(A)	L _{WA2}
Rating	Product is compliant 2018		



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