

MPC 450 D4 TI 40

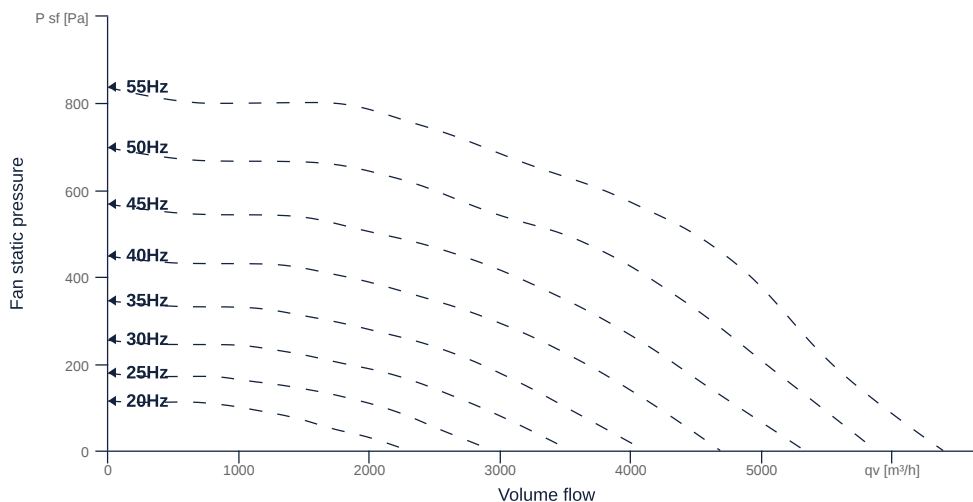
158260

- Backward curved radial impeller
- Removable side walls, variable discharge direction
- Sheet steel housing double-walled, 30 mm mineral wool
- AC motor outside the airflow, controllable
- Conveyed medium temperature up to 120 °C in continuous operation
- Housing bottom designed with integrated drain



MAP

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



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ruck

GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	-		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	82.5	kg	m
Nominal air flow rate, nominal point m ³ /h	2703.6	m ³ /h	q _{v,nom}
Nominal external pressure, static	720.6	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	0.75	m ³ /s	q _{v,nom}
Actual electrical input power, nominal point	1.01	kW	P _{e,nom}
Face velocity, nominal point	4.8	m/s	v _{nom}
Nominal external pressure, static	720.6	Pa	p _{s,nom}
supply air fan static efficiency, nominal point	63.4	%	η _{es,SUP}
Highest external air leakage rate	0.08	%	
Enclosure sound level, nominal point	75	dB(A)	L _{WA2}
Rating	Product is compliant 2018		



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