

# MPS 500 D4 40

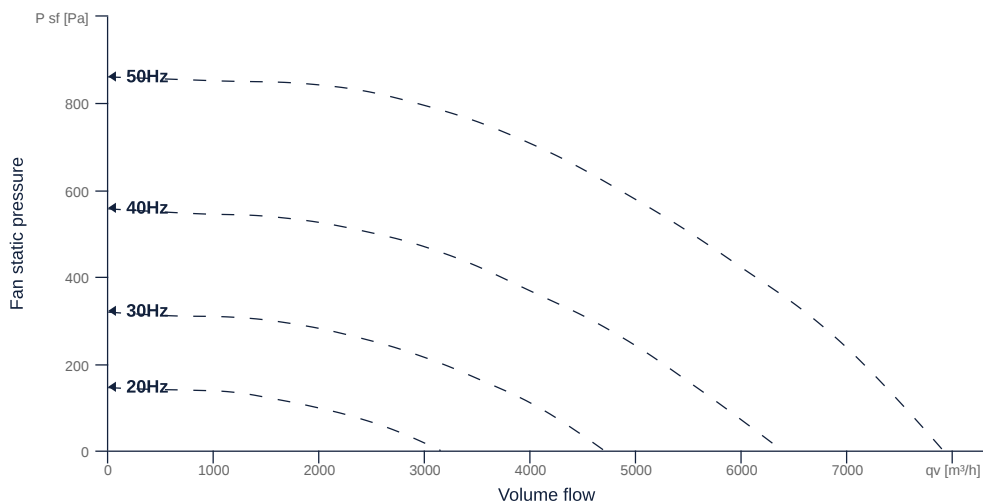
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- Backward curved radial impeller
- Swing out fan unit
- Sheet steel housing double-walled, 40 mm mineral wool
- Efficient IE3 motor, outside the airflow
- Conveyed medium temperature up to 120 °C in continuous operation
- With condensate and grease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



## MAP

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



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**ruck**

## GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Duct size	-		WxH <sub>duct</sub>
Pipe connection size (DN)	DN400		DN
Rated voltage (entire device)	400	V	U <sub>rated</sub>
Phases (entire device)	3~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Steel		mat <sub>casing</sub>
Impeller material	Steel		mat <sub>impeller</sub>
Weight	112.7	kg	m
Nominal air flow rate, nominal point m <sup>3</sup> /h	3848.4	m <sup>3</sup> /h	q <sub>v,nom</sub>
Nominal external pressure, static	722.9	Pa	p <sub>s,nom</sub>
Fan type	Radial		Fan <sub>type</sub>
Category / Installation situation	A		cat

## ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m <sup>3</sup> /s	1.07	m <sup>3</sup> /s	q <sub>v,nom</sub>
Actual electrical input power, nominal point	1.35	kW	P <sub>e,nom</sub>
Face velocity, nominal point	8.5	m/s	v <sub>nom</sub>
Nominal external pressure, static	722.9	Pa	p <sub>s,nom</sub>
supply air fan static efficiency, nominal point	63.8	%	η <sub>es,SUP</sub>
Highest external air leakage rate	0.03	%	
Enclosure sound level, nominal point	77	dB(A)	L <sub>WA2</sub>
Rating	Product is compliant 2018		



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