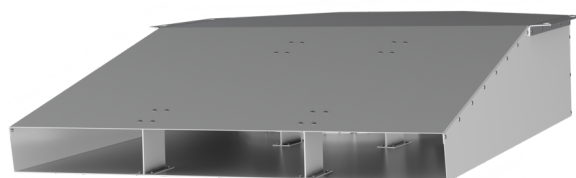


# CPC 500 D4 01

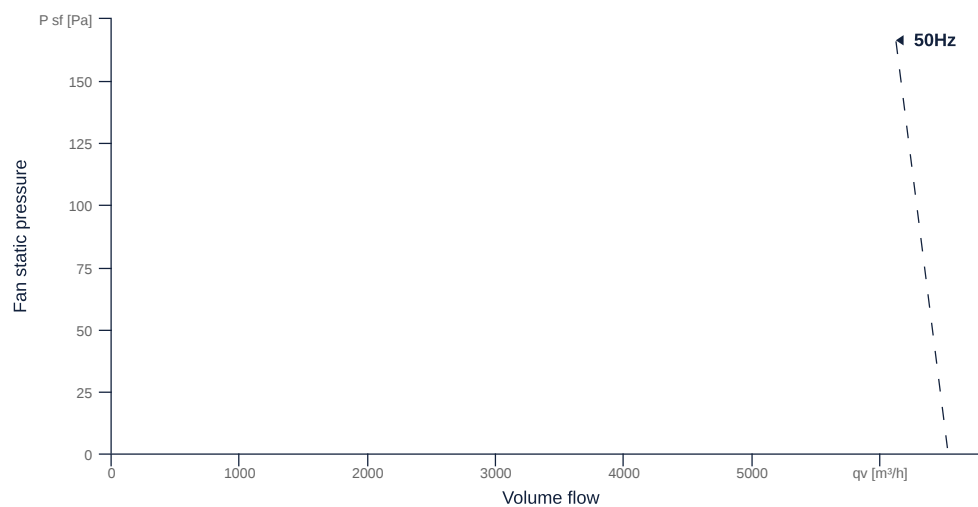
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- Innovative high boost radial garage jet fan
- Highest efficiency due to optimized impeller/nozzle
- Extra flat design
- Housing weight optimized, AlMg3/sheet steel
- IE3 motor, frequency controllable
- Conveyed medium temperature up to 60 °C in continuous operation



## MAP

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



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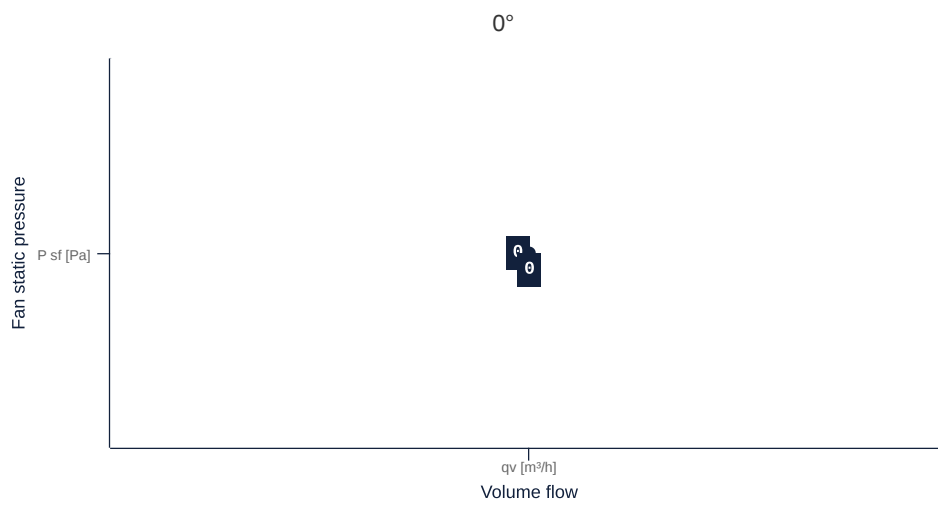
# CPC 500 D4 01

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## 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	No		
Pipe connection size (DN)	-		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	Aluminium		matcasing
Impeller material	Steel		matimpeller
Weight	56	kg	m
Fan type	Radial		Fan <sub>type</sub>
Construction height	273	mm	h
Nominal flowrate	6529.000000		Q <sub>v, nom</sub>
Thrust main direction	51.000000		F <sub>1</sub>
Sound power level according to ISO 13350	93.300000		LW <sub>AISO13350</sub>

## MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	1891	W	P <sub>ed, max</sub>
Max. operating current (device)	3.7	A	I <sub>ed, max</sub>
Max. speed	1450	1/min	n <sub>max</sub>
Max. flowrate	6530	m <sup>3</sup> /h	Q <sub>v, max</sub>
Max. stat pressure	10	Pa	p <sub>sf, max</sub>
Max. medium temperature	60	°C	T <sub>m, max</sub>
Max. environment temperature	60	°C	T <sub>amb, max</sub>
Min. environment temperature	-20	°C	T <sub>amb, min</sub>



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## MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		AC 3~		phase
Control type		frequency-controlled		ctrltype
Installation type		IRM (In)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISOclass
Protection class		IP55		IPmotor
Is pole-changeable		No		polexch
Type of power supply		AC 3~		pwrsupmotor
Number of poles (1)		4.000000		num polesw1
Connection		Δ		wiringw1
Connection (wiring 2)		Y		wiringw2
Rated voltage		230	V	U <sub>rated, f1</sub>
Rated voltage (wiring 2)		400	V	U <sub>rated, f2</sub>
Rated current		5.81	A	I <sub>rated, f1</sub>
Rated current (wiring 2)		3.34	A	I <sub>rated, f2</sub>
Shaft power		1500	W	P <sub>out, f1</sub>
Shaft power (wiring 2)		1500	W	P <sub>out, f2</sub>
Speed		1450	1/min	n <sub>f1</sub>
Speed (wiring 2)		1450	1/min	n <sub>f2</sub>
Efficiency		85.3	%	η <sub>m, f1</sub>
Efficiency (wiring 2)		85.3	%	η <sub>m, f2</sub>
Efficiency class		IE3		IE <sub>motor</sub>
Min. temperature		-20	°C	T <sub>motor, min</sub>



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