

CPC 560 D4 01

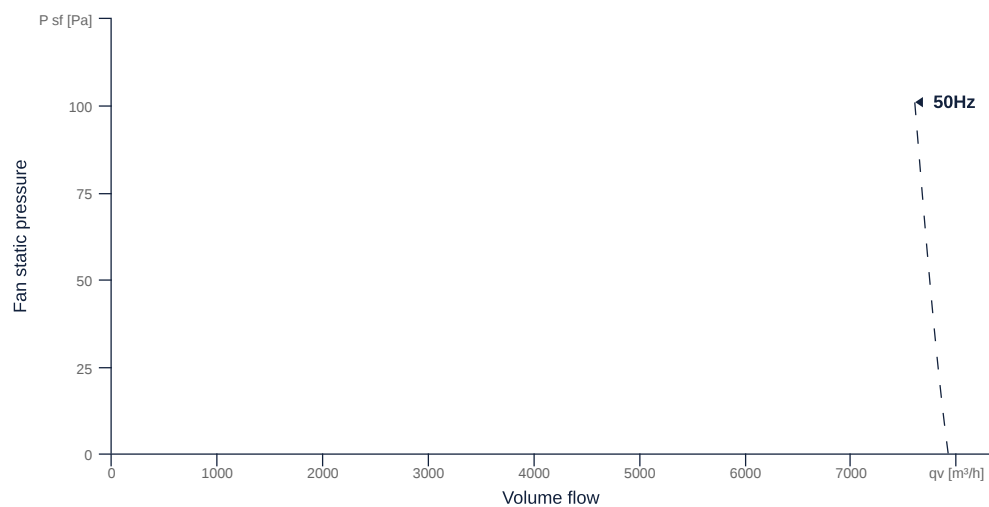
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- Innovative high boost radial garage jet fan
- Highest efficiency due to optimized impeller/nozzle
- Extra flat design
- Housing weight optimized, AlMg3/sheet steel
- IE3 motor, frequency controllable
- Conveyed medium temperature up to 60 °C in continuous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



MAP

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



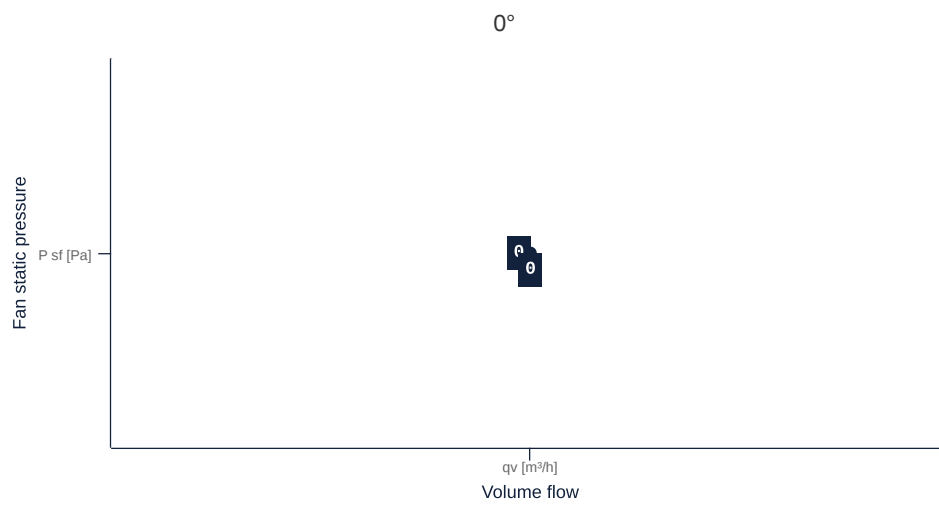
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MAP

Name	Value	Unit
Volume flow	0	m ³ /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 _{rated}
Phases (entire device)	3~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Aluminium		mat _{casing}
Impeller material	Steel		mat _{impeller}
Weight	74.5	kg	m
Fan type	Radial		Fan _{type}
Construction height	302	mm	h
Nominal flowrate	7917.000000		Q _{v, nom}
Thrust main direction	80.000000		F ₁
Sound power level according to ISO 13350	94.500000		LW _{ISO13350}

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	2705	W	P _{ed, max}
Max. operating current (device)	5.2	A	I _{ed, max}
Max. speed	1440	1/min	n _{max}
Max. flowrate	7920	m ³ /h	Q _{v, max}
Max. stat pressure	10	Pa	p _{sf, max}
Max. medium temperature	60	°C	T _{m, max}
Max. environment temperature	60	°C	T _{amb, max}
Min. environment temperature	-20	°C	T _{amb, min}

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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 _{rated, f1}
Rated voltage (wiring 2)		400	V	U _{rated, f2}
Rated current		8.03	A	I _{rated, f1}
Rated current (wiring 2)		4.62	A	I _{rated, f2}
Shaft power		2200	W	P _{out, f1}
Shaft power (wiring 2)		2200	W	P _{out, f2}
Speed		1435	1/min	n _{f1}
Speed (wiring 2)		1435	1/min	n _{f2}
Efficiency		87	%	η _{m, f1}
Efficiency (wiring 2)		87	%	η _{m, f2}
Min. temperature		-20	°C	T _{motor, min}

