

CPC 560 D84 01

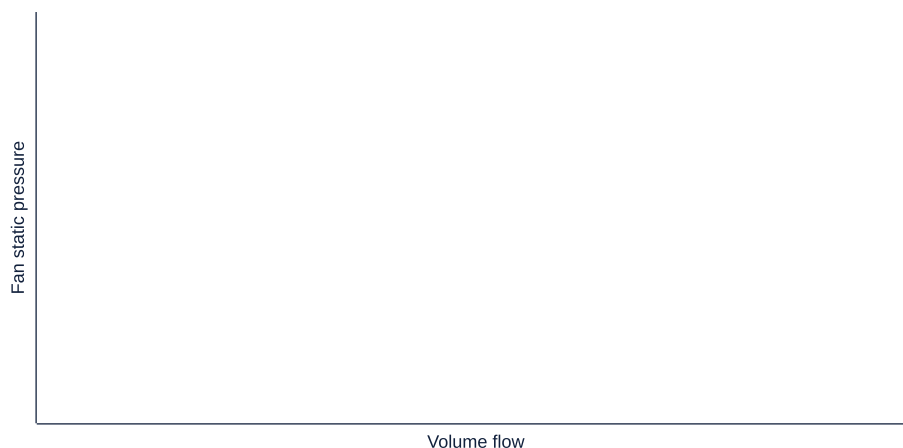
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- Innovative high boost radial garage jet fan
- Highest efficiency due to optimized impeller/nozzle
- Extra flat design
- Housing weight optimized, AlMg3/sheet steel
- IE3 motor 2-step controllable via Dahlander circuit
- Conveyed medium temperature up to 60 °C in continuous operation



MAP

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



● ErP konformer Bereich



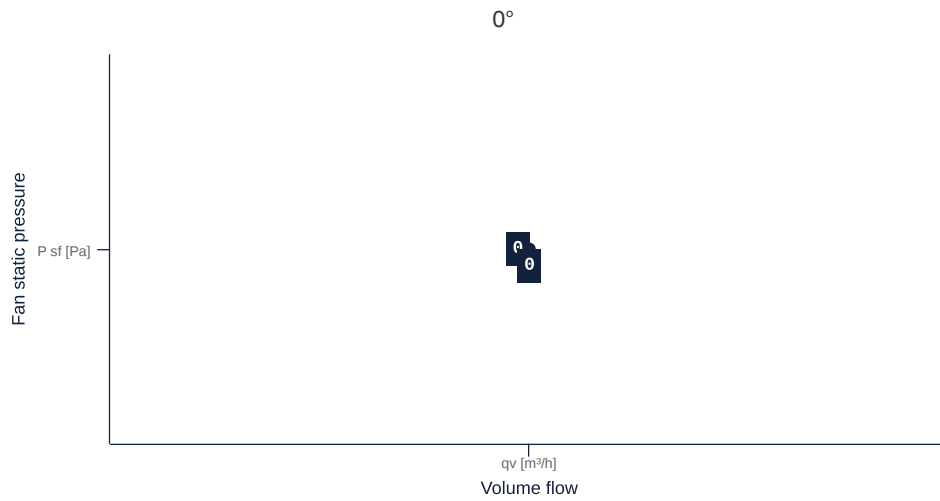
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Name	Value	Unit
Volume flow	0	m³/h
Pressure	0	Pa



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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 _{rated}
Phases (entire device)	1~		phase
Electrical protection (entire device)	10 A		fuse
Housing material	Aluminium		mat _{casing}
Impeller material	Steel		mat _{impeller}
Weight	73.5	kg	m
Fan type	Radial		F _{type}
Construction height	302	mm	h
Nominal flowrate	7978.000000		q _{v, nom}
Nominal flowrate small stage	3990.000000		q _{v, nom}
Thrust main direction	81.000000		F ₁
Thrust main direction small stage	20.000000		F ₂
Sound power level according to ISO 13350	94.500000		L _{WA} ISO13350
Sound power level according to ISO 13350 small stage	78.500000		L _{WA} ISO13350

MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	3060	W	P _{ed, max}
Max. operating current (device)	6	A	I _{ed, max}
Max. speed	1460	1/min	n _{max}
Max. flowrate	7980	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}



MOTOR DATA

Name	Value		Unit	Formula symbol
	50 Hz	60 Hz		
Rated frequency (device)		50		f
Motor type		AC 3~		phase
Control type		step-controlled		ctrltype
Installation type		IRM (In)		install
Rotation direction		right		rotation
Isolation class		ISO F		ISOclass
Protection class		IP55		IPmotor
Is pole-changeable		Yes		polexch
Type of power supply		AC 3~		pwrsupmotor
Number of poles (1)		8.000000		num polesw1
Number of poles (wiring 2)		4.000000		num polesw2
Connection	Y			wiringw1
Connection (wiring 2)	YY			wiringw2
Rated voltage	400		V	U _{rated, f1}
Rated voltage (wiring 2)	400		V	U _{rated, f2}
Rated current	2.14		A	I _{rated, f1}
Rated current (wiring 2)	5.09		A	I _{rated, f2}
Shaft power	550		W	P _{out, f1}
Shaft power (wiring 2)	2200		W	P _{out, f2}
Speed	720		1/min	n _{f1}
Speed (wiring 2)	1450		1/min	n _{f2}
Efficiency	65		%	η _{m, f1}
Efficiency (wiring 2)	80		%	η _{m, f2}
Min. temperature	-20		°C	T _{motor, min}



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