DC diagonal compact fan

sickle-shaped blades (S series)



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Nominal data

Type	DV 6248	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 60
Speed (rpm)	min^{-1}	4300
Power consumption	W	40.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m^3/h	540
Sound power level	B	7.1
Sound pressure level	dB(A)	63

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

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Technical description

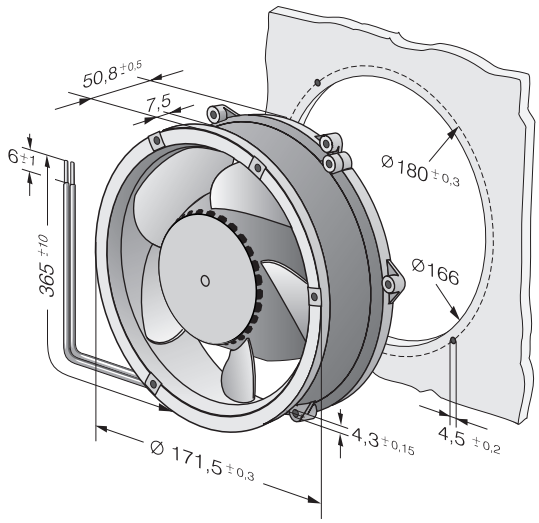
Weight	0.820 kg
Dimensions	Ø 172 x 51 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Aluminum. Housing with grounding lug for M4 x 8 screw (Torx). 48 V design incl. screws.
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	90000 h
Service life L10 at maximum temperature	40000 h
Cable	Leads AWG 22, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	Electronic locked-rotor protection, with electronic motor current limitation during startup and when rotor is locked.
Approval	VDE, CSA, UL, CE
Option	Speed signal

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Product drawing

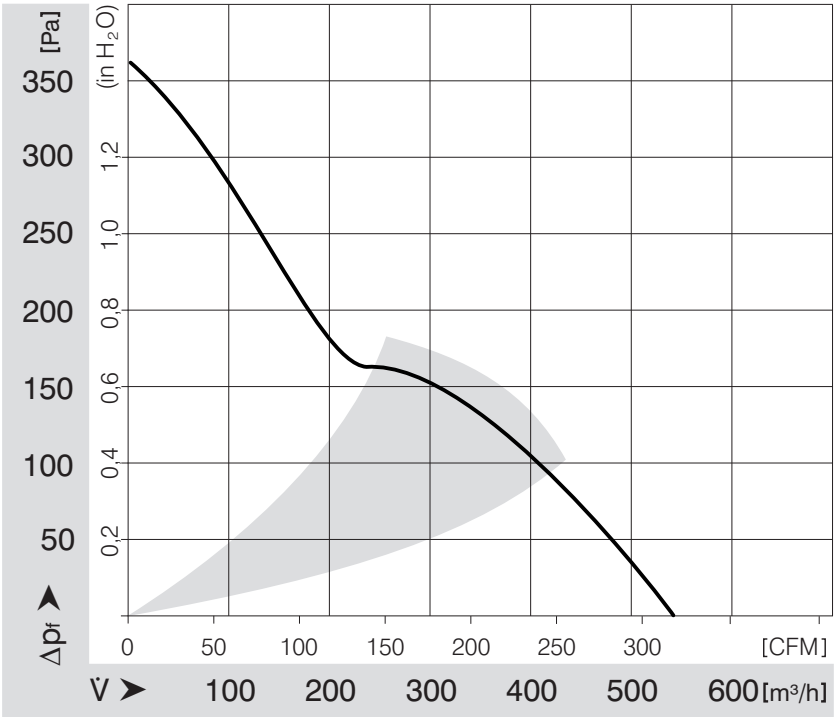


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Curves: Air performance



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