AC centrifugal compact fan

single-intake

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Nominal data

Type	RG 160-28/06S	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed (rpm)	min^{-1}	3050
Power consumption	W	50.0
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	80
Air flow	m^3/h	223
Sound power level	B	6.9

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

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Technical description

General description	Backward-curved impeller
Weight	1.700 kg
Dimensions	220 x 220 x 56 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Scroll housing made of glass-fiber reinforced plastic, housing base made of galvanized sheet steel.
Airflow direction	Radial, discharge through window in housing
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	27500 h
Service life L10 at maximum temperature	12500 h
Cable	To 2 leads AWG 18
Motor protection	Protected from overload by impedance protection
Approval	VDE, CSA, UL, CE

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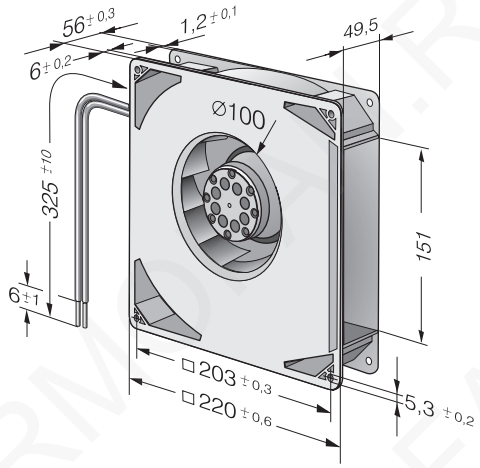
Product drawing



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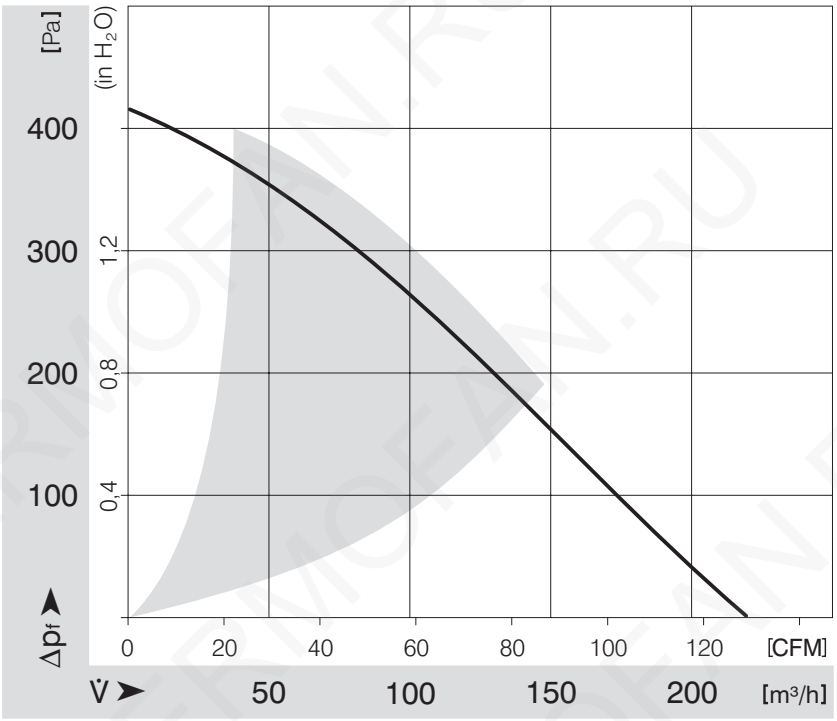
Curves: Air performance



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