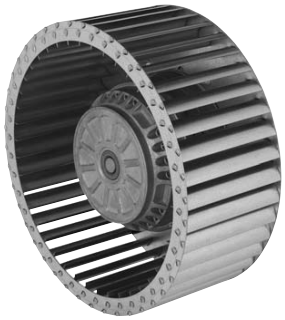
R6D250-CE01-01

AC centrifugal fan

forward curved, single inlet



Nominal data

Type	**R6D250-CE01-01**
Motor	**M6D110-EF**

Phase		3~	3~	3~	3~	3~	3~
Nominal voltage	VAC	230	230	277	400	400	480
Connection		**D**	**D**	**D**	Y	Y	Y
Frequency	Hz	50	60	60	50	60	60
Type of data definition		rfa	rfa	rfa	rfa	rfa	rfa
Valid for approval / standard		CE	CE	CE	CE	CE	CE
Speed	min^{-1}	930	1060	1100	930	1060	1100
Power input	W	270	380	420	270	380	420
Current draw	A	1.25	1.32	1.39	0.72	0.76	0.8
Min. back pressure	Pa	0	0	0	0	0	0
Max. ambient temperature	°C	95	85	85	95	85	85

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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Technical features

Leakage current	<= 3.5 mA
Size	250 mm
Direction of rotation	Clockwise, seen on rotor
Humidity class	F3-1
Insulation class	"F"
Motor bearing	Ball bearing
Mass	9.5 kg
Material of electronics housing	Rotor: Cast in aluminum
Material of impeller	Sendzimir galvanized sheet steel
Motor protection	Thermal overload protector (TOP) brought out
Product conforming to standard	CE
Type of protection	IP 54
Protection class	I
Approval	CSA C22.2 Nr.100; GOST; UL 1004-1; VDE

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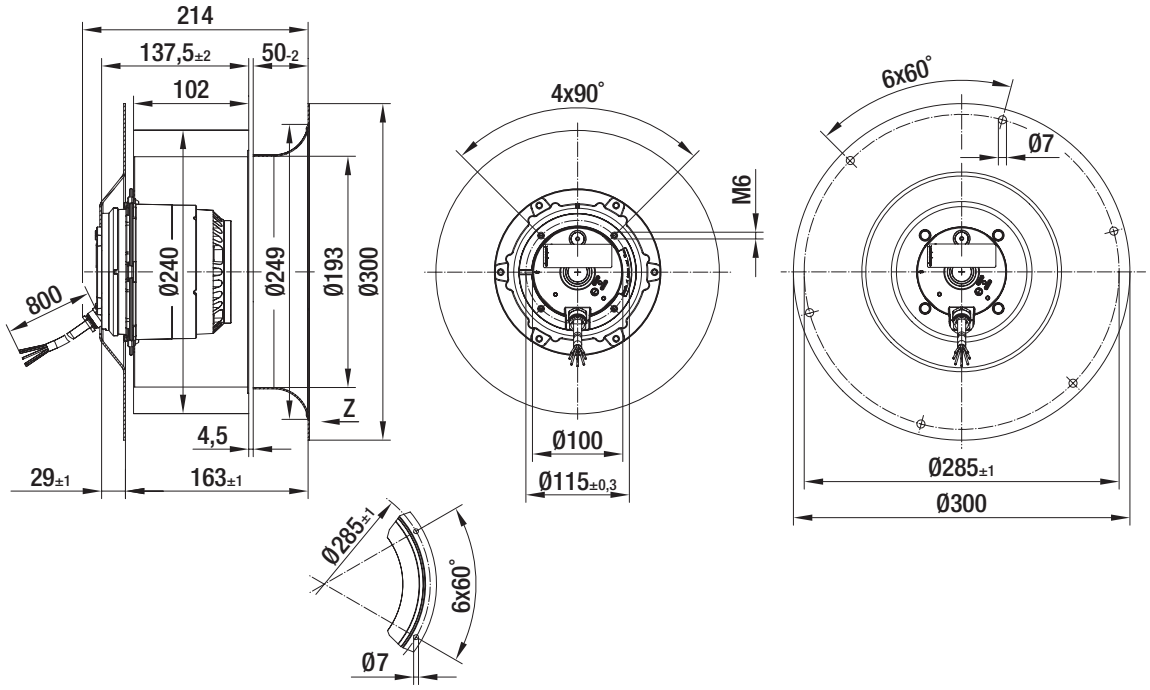
Product drawing



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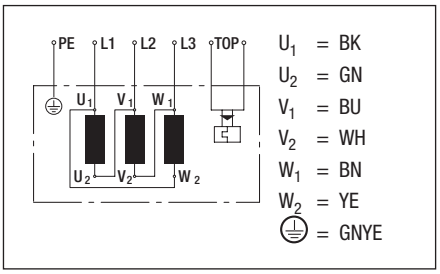
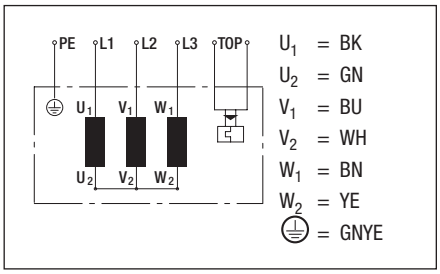
Connection screen

Delta (3~ 230 VAC)



Star (3~ 400 VAC)



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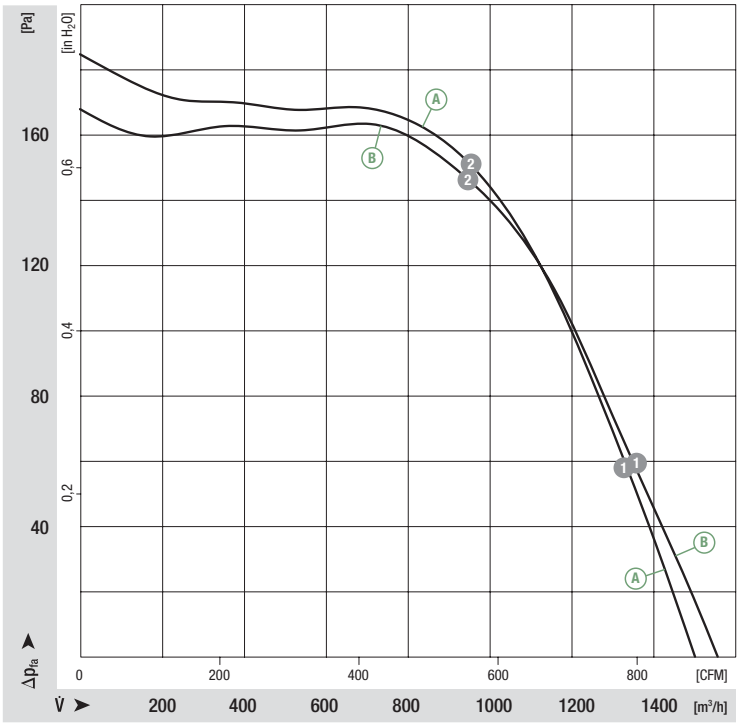
Charts: Air flow



Measured values

	n	P_e	I	LpA_{in}
	min^{-1}	W	A	dB(A)
1	945	230	0.68	68
2	965	170	0.64	63

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