

EC centrifugal fan

backward-curved, single-intake
Gas blower for condensing boilers



NRG118/0800-3612 ebmpapst Datasheet
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Nominal data

Type	NRG118/0800-3612	
Phase		1~
Nominal voltage	VAC	230
Nominal voltage range	VAC	220 .. 240
Frequency	Hz	50/60
Method of obtaining data		fa
Valid for approval/standard		VDE
Speed (rpm)	min ⁻¹	8500
Power consumption	W	70
Min. ambient temperature	°C	0
Min. temp. of flow medium	°C	-15
Max. temp. of flow medium	°C	80
Air flow	m ³ /h	95
Pressure increase	Pa	2500

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	1.020 kg
Housing material	Die-cast aluminum
Degree of protection	IP00
Insulation class	"H"
Installation position	Any
Mode	S1
Storage	Ball bearing
Motor protection	Electronic locked-rotor and overload protection
Protection class	I (with customer connection of protective earth)
Approval	VDE, CE

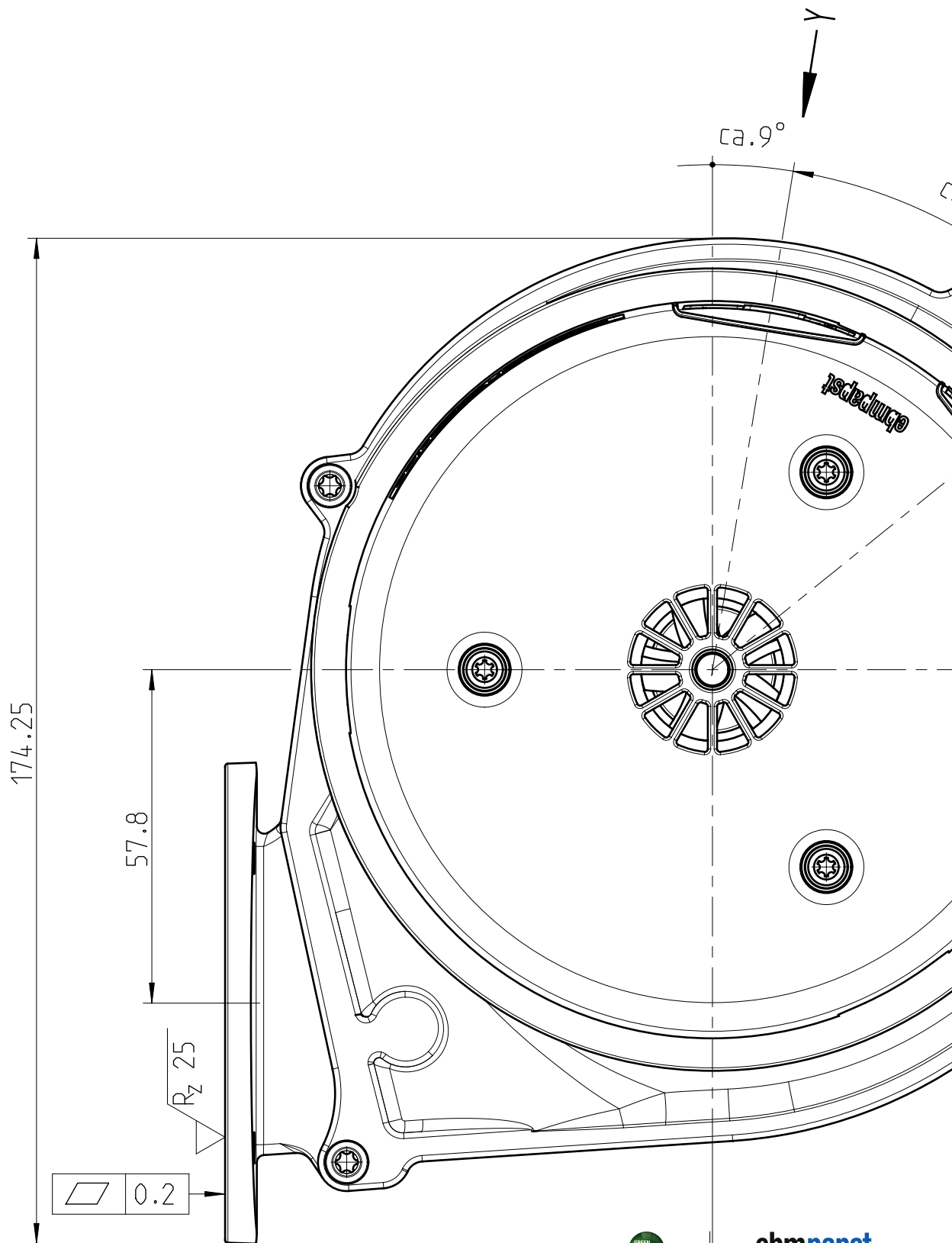


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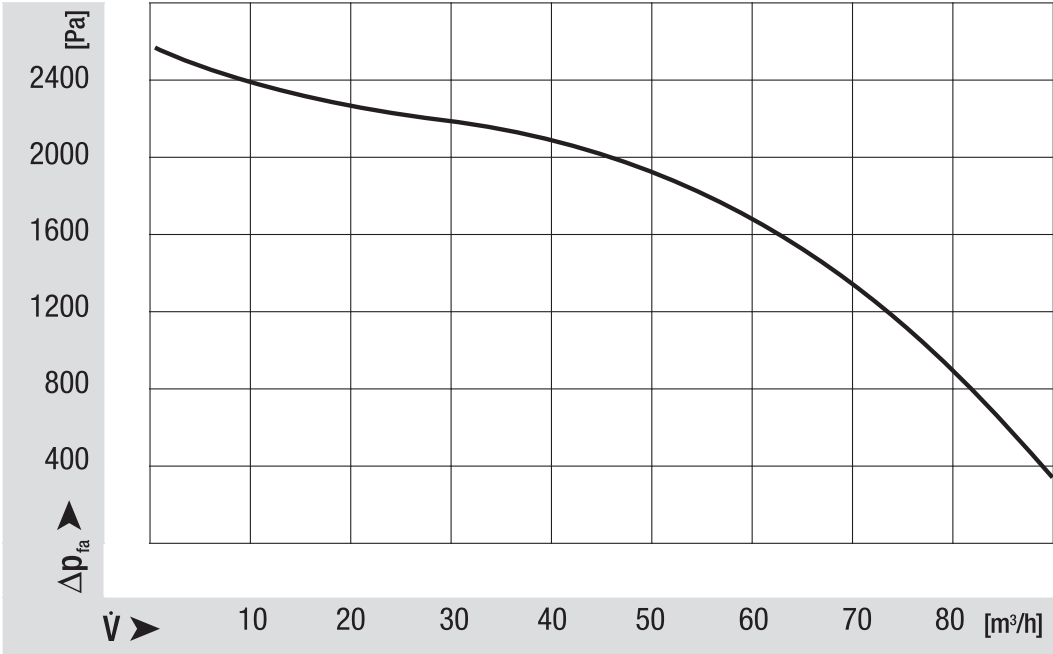
Product drawing



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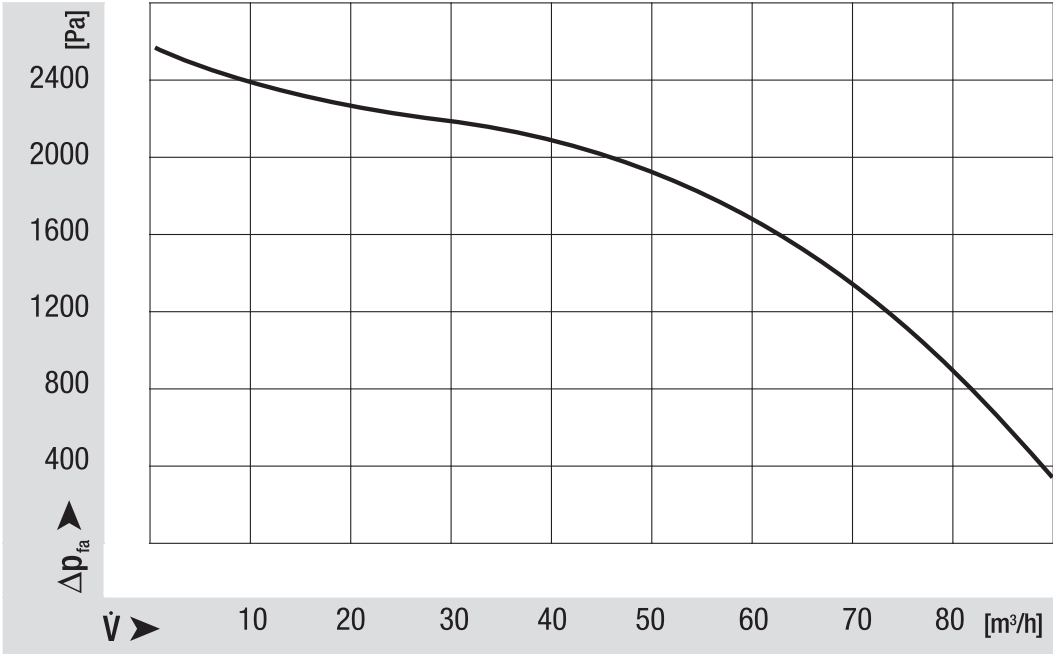
Curves



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Curves: Air performance



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Curves: Speed (rpm)

