

VWCF119D...

GreenTech EC axial fans · max. 175 m³/h · □ 119 × 38 mm



Material/Surface

- Housing: Plastic
- Impeller: Plastic

Characteristics

- Version: Efficient and compact latest-generation AC fan, suitable for use worldwide thanks to wide voltage
- Direction of air flow: exhaust over struts
- Direction of rotation: clockwise, looking towards rotor
- Installation position: any
- Bearing: Ball bearings
- Operating mode: Continuous operation (S1)
- IP protection class: IP20
- Electrical hookup: via single wires (AWG 24)
- Electrical protection class: III
- Weight: 250 g

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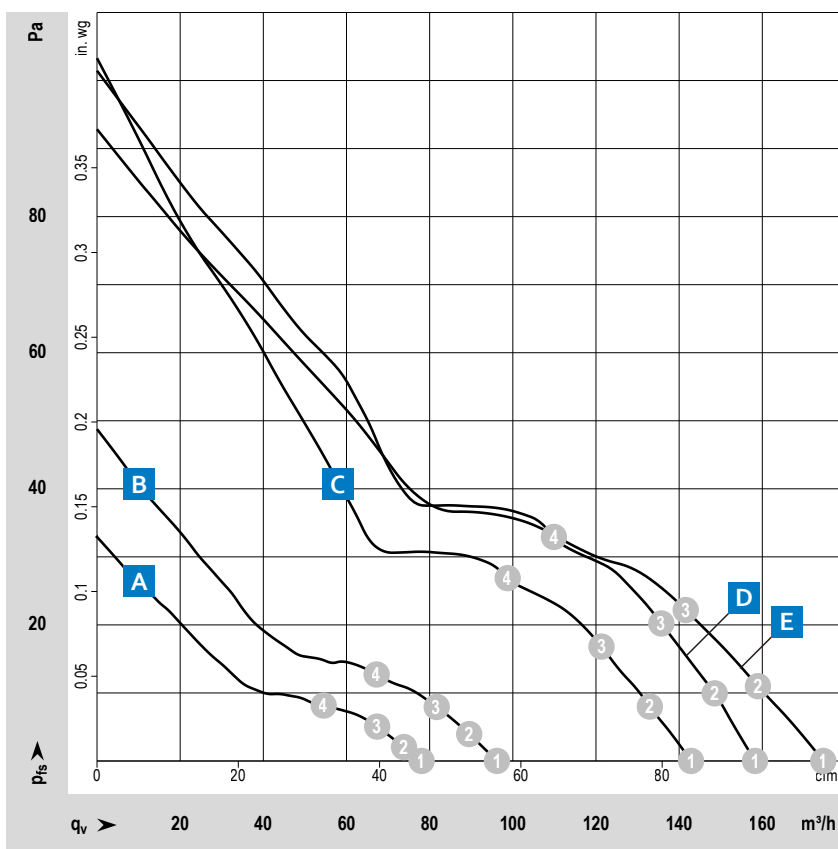
more at www.ebmpapst.com

Approvals

- DIN EN 62368, UL507, CSA C22.2 Nr. 113, EAC, CE, UKCA
- optional: EN 60335-1, 60335-2-24, 60335-2-89; DIN EN 60079-7, Group IIA, T4

Options

- Salt spray protection
- Degree of protection: IP65



Measuring conditions

Air performance measured according to: ISO 5801. Installation category A, without contact protection.

Noise: Total sound power level LWA ISO 10302 measured on a hemisphere with a radius of 2 m. Sound pressure level LpA measured at 1 m distance from fan axis. The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation from the standard configuration, the parameters must be checked after installation! For detailed information see <http://www.ebmpapst.com/general conditions>

Voltage range 90...264 VAC		Nominal voltage	Frequency	Characteristic curve	Operating point	Air flow	Air flow	Speed	Power consumption	Sound power level	Sound pressure (free air flow)	Perm. ambient temperature	Service life L ₁₀ (40 °C) ebm-papst standard	Life expectancy L ₁₀ PC (40 °C) s. p. 11
Type / Type old	Part number	VAC	Hz			m ³ /h	cfm	rpm	W	Bel(A)	dB(A)	°C	Hours	Hours
VWCF119DSGHS AxiACi120LR	8315100216	100...240	50/60	A	①	78	46	1 500	1.4	3.6	23	-40...+75	65 000	110 000
					②	73	43	1 500	1.5	3.5				
					③	67	39	1 500	1.5	3.3				
					④	54	32	1 510	1.5	3.5				
VWCF119DSGJS AxiACi120MLR	8315100215	100...240	50/60	B	①	96	57	1 850	1.5	4.2	25	-40...+75	65 000	110 000
					②	90	53	1 840	1.6	4.0				
					③	82	48	1 840	1.7	3.9				
					④	68	40	1 850	1.9	4.0				
VWCF119DSGKS AxiACi120NR	8315100214	100...240	50/60	C	①	143	84	2 700	3.0	5.2	36	-40...+75	65 000	110 000
					②	133	78	2 690	3.4	5.1				
					③	122	72	2 690	3.7	5.0				
					④	99	58	2 690	4.3	5.0				
VWCF119DSGLS AxiACi120HR	8315100213	100...240	50/60	D	①	158	93	3 000	3.9	5.4	39	-40...+70	65 000	110 000
					②	149	88	3 000	4.4	5.4				
					③	135	79	3 000	4.9	5.4				
					④	110	65	3 000	5.6	5.2				
VWCF119DSGLS AxiACi120HHR	8315100206	100...240	50/60	E	①	175	103	3 300	4.4	5.6	43	-40...+70	65 000	110 000
					②	159	94	3 240	4.9	5.5				
					③	141	83	3 180	5.2	5.3				
					④	110	65	3 110	5.6	5.4				

Subject to changes.

Technical drawing

Dimensions in mm

