

VWCF119A...

DC axial fan · max. 205 m³/h · □ 119 x 38 mm



Material/Surface

- Housing: Plastic
- Impeller: Plastic

Characteristics

- Version: DC fan available in 12, 24 or 48VDC; compact and lightweight; noise and efficiency optimized axial fan
- 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: 270 g

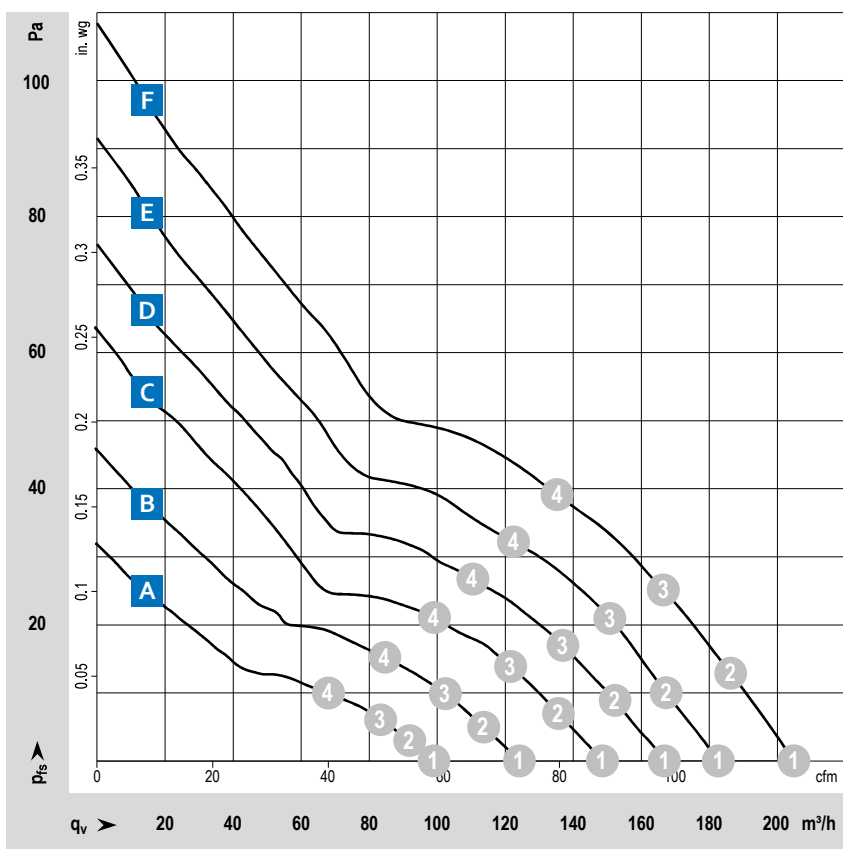
Approvals

- DIN EN 62368, UL507, CSA C22.2 Nr. 113, EAC, CE, UKCA, CCC (only necessary >36V)
- optional: DIN EN 60079-7, Group IIA, T4

Options

- Speed signal
- Go / NoGo alarm
- Alarm with speed limit
- External temperature sensor
- Internal temperature sensor
- PWM control input
- Analog control input
- Moisture protection
- Degree of protection: up to IP68

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more at	www.ebmpapst.com



Measuring conditions

Air performance measured according to: ISO 5801. Installation category A, without contact protection.
 Noise: Total sound p_rwer 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>

Type / Type old	Part number	Nominal voltage	Voltage range	Characteristic curve	Operating point	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_{10ip-c} (40 °C) s.p.11
		VDC	VDC			m ³ /h	cfm							
VWCF119AHGLS 4412 ML	9293510561	12	7...15	D	①	167	98	3 000	2,9	5,5	40	-20...+80	67 500	115 000
					②	153	90	2 940	3,1	5,4				
					③	137	81	2 880	3,3	5,3				
					④	111	65	2 820	3,6	5,1				
VWCF119AHGLS 4412 M	9293510508	12	7...14	E	①	183	108	3 300	3,5	5,7	42	-20...+75	65 000	110 000
					②	168	99	3 230	3,8	5,6				
					③	151	89	3 170	4,0	5,5				
					④	122	72	3 100	4,4	5,5				
VWCF119AHGMS 4412 N	9293510501	12	7...14	F	①	205	121	3 650	4,8	6,1	46	-20...+70	62 500	105 000
					②	187	110	3 580	5,2	6,0				
					③	166	98	3 500	5,6	5,8				
					④	135	79	3 410	6,1	5,6				
VWCF119AJGJS 4414 L3	9293510558	24	12...28	A	①	99	58	1 800	1,0	4,2	26	-20...+80	75 500	127 500
					②	92	54	1 790	1,0	4,2				
					③	83	49	1 770	1,1	4,1				
					④	68	40	1 740	1,1	4,0				
VWCF119AJGKS 4414 L	9293510518	24	18...28	C	①	149	88	2 700	2,4	5,2	37	-20...+80	67 500	115 000
					②	136	80	2 660	2,5	5,1				
					③	122	72	2 610	2,7	5,0				
					④	99	58	2 560	2,8	5,0				
VWCF119AJGLS 4414 ML	9293510560	24	12...28	D	①	166	98	3 000	3,1	5,5	40	-20...+80	67 500	115 000
					②	153	90	2 950	3,3	5,4				
					③	137	81	2 900	3,5	5,3				
					④	112	66	2 830	3,8	5,1				
VWCF119AJGLS 4414 M	9293510509	24	18...28	E	①	180	106	3 300	3,7	5,7	42	-20...+75	65 000	110 000
					②	165	97	3 240	3,9	5,6				
					③	148	87	3 190	4,2	5,5				
					④	120	71	3 120	4,6	5,5				
VWCF119AJGMS 4414 N	9293510503	24	18...28	F	①	204	120	3 650	4,8	6,1	46	-20...+70	62 500	105 000
					②	187	110	3 560	5,2	6,0				
					③	167	98	3 480	5,6	5,8				
					④	135	79	3 390	6,0	5,6				
VWCF119AKGLS 4418 M	9293510519	48	36...60	E	①	183	108	3 300	3,8	5,7	42	-20...+70	65 000	110 000
					②	167	98	3 210	4,1	5,6				
					③	151	89	3 150	4,3	5,5				
					④	122	72	3 080	4,6	5,5				
VWCF119AKGMS 4418 N	9293510505	48	36...60	F	①	203	119	3 650	4,8	6,1	46	-20...+70	62 500	105 000
					②	185	109	3 580	5,2	6,0				
					③	165	97	3 500	5,5	5,8				
					④	132	78	3 420	5,9	5,6				

Subject to changes. More fan types can be found on the next page.

Technical drawing

Dimensions in mm

