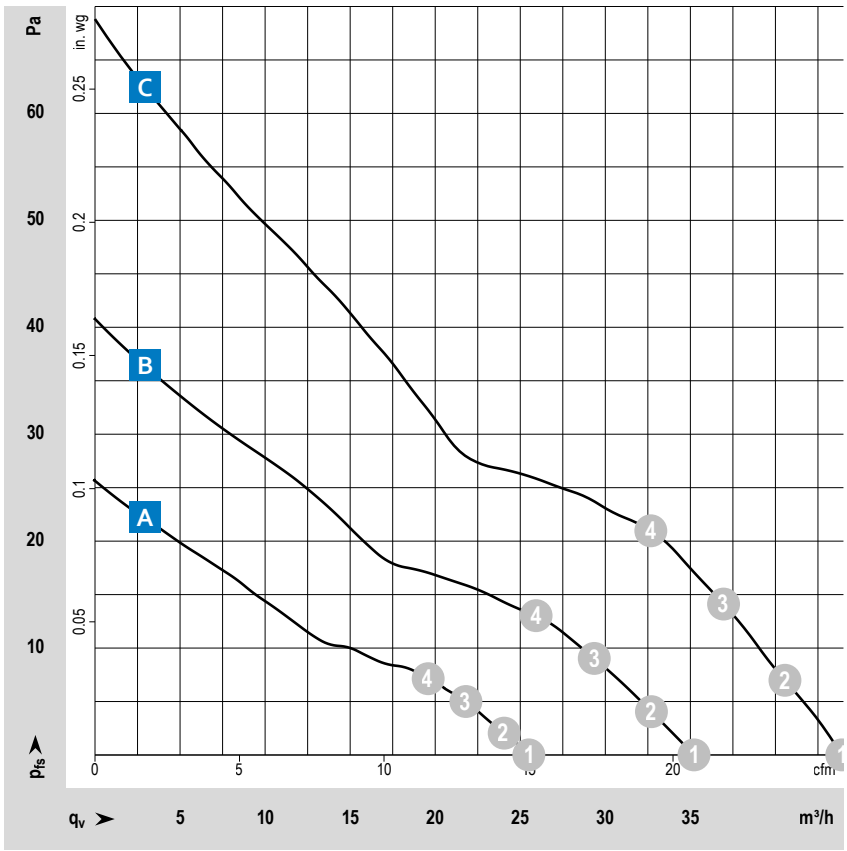
VWCB070F...

DC axial fan · max. 43.9 m³/h · ☐ 70 x 15 mm



from page 14	Definitions
from page 350	Accessories
more at	www.ebmpapst.com



Material/Surface

- Housing: Plastic
- Impeller: Plastic

Characteristics

- Version: DC fan available in 12 or 24 VDC; compact, small and lightweight; low-profile, noise and efficiency optimized axial fan
- Direction of air flow: exhaust over struts
- Direction of rotation: counterclockwise, looking towards rotor
- Installation position: any
- Bearing: Sleeve bearings
- Operating mode: Continuous operation (S1)
- IP protection class: IP20
- Electrical hookup:
  Via single wires AWG 24 up to AWG 28
- Electrical protection class: III
- Weight: 53 g

Approvals

- DIN EN 62368, UL507, CSA C22.2 Nr. 113, EAC, CE, UKCA

Options

- Speed signal
- Go / NoGo alarm
- Moisture protection

Measuring conditions

Air performance measured according to: ISO 5801. Installation category A, without contact protection.
Noise: Total sound $p_s$wer 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	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_{10PC} (40 °C) s. p. 11
		VDC	VDC			m³/h	cfm	rpm	W	Bel(A)	dB(A)	°C	Hours	Hours
VWCB070FHEDS 712 F/2L-005*	**9292504005**	**12**	8...13.8	A	1 2 3 4	25.5 23.8 21.8 19.4	15.0 14.0 12.8 11.0	3 300 3 260 3 210 3 200	0.7 0.7 0.7 0.7	4.5 4.4 4.4 4.4	25	-20...+70	60 000	102 500
VWCB070FHEES 712 F/2M-006*	**9292504006**	**12**	8...13.8	B	1 2 3 4	35.2 32.5 29.3 25.9	20.7 19.1 17.2 15.0	4 300 4 230 4 150 4 090	0.9 1.0 1.0 1.0	5.0 4.9 4.9 4.8	32	-20...+70	60 000	102 500
VWCB070FHEFS 712 F	**9292504001**	**12**	8...13.8	C	1 2 3 4	43.9 40.6 36.8 32.7	25.8 23.9 21.7 19.0	5 300 5 230 5 160 5 100	1.5 1.6 1.6 1.6	5.5 5.4 5.3 5.3	38	-20...+70	60 000	102 500
VWCB070FJEFS 714 F	**9292504007**	**24**	18...28	C	1 2 3 4	43.5 40.2 36.6 32.7	25.6 23.7 21.5 19.0	5 300 5 230 5 150 5 080	1.4 1.4 1.5 1.5	5.5 5.4 5.3 5.3	38	-20...+70	60 000	102 500

Subject to changes.

*Version with 3-pin Molex plug housing 22-01-2035
Molex Contacts 08-50-0113

Technical drawing

Dimensions in mm

