VHS0065X...

DC centrifugal fans · max. 59 m³/h · 97 x 93,5 x 33 mm



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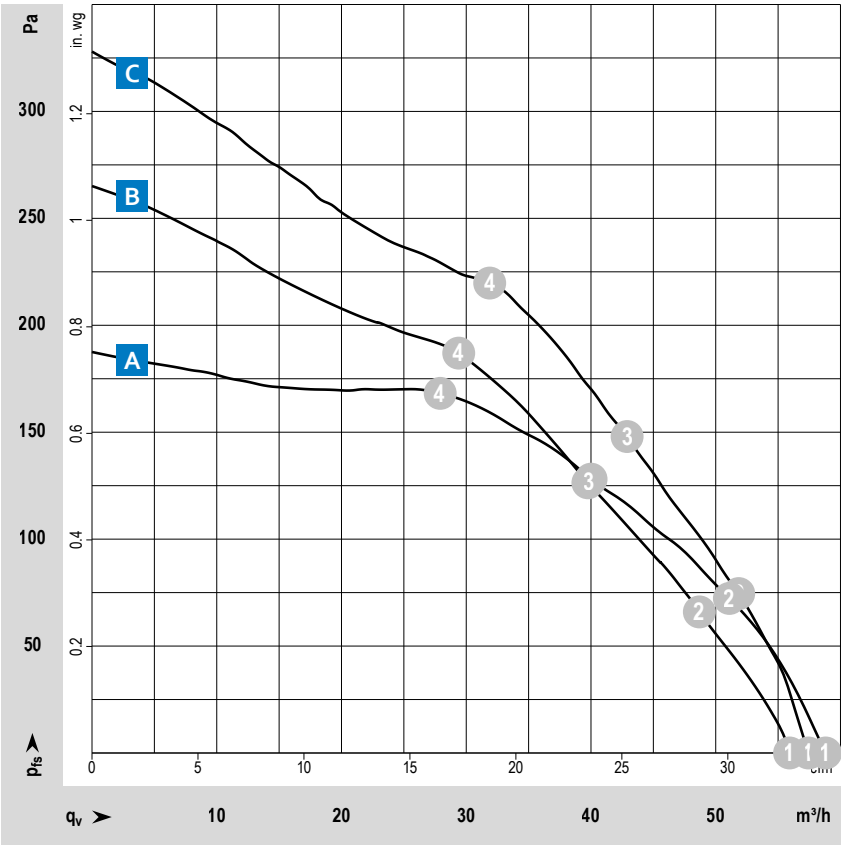
more at	www.ebmpapst.com



Material/Surface

- Scroll housing: Plastic
- Impeller: Plastic

Characteristics

- Version: Centrifugal fan in 12VDC, 24VDC or 48VDC with forward-curved impeller; compact and powerful
- Direction of air flow: axial: intake; centrifugal: exhaust
- Installation position: any
- Bearing: Ball bearings
- Operating mode: Continuous operation (S1)
- IP protection class: IP20
- Electrical hookup: single wires AWG 26
- Electrical protection class: III
- Weight: 160 g

Approvals

- DIN EN 62368, UL507, CSA C22.2 Nr. 113, EAC, CE, UKCA, CCC (only necessary >36V)

Options

- Speed signal
- Go / NoGo alarm
- Alarm with speed limit
- External temperature sensor
- Internal temperature sensor
- PWM control input
- Analog control input
- Moisture protection

Measuring conditions

Air performance measured according to: ISO 5801. Installation category A, without contact protection.
Noise: Total sound p_{ow}er 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	Perm. ambient temperature	Service life L_{10} (40 °C) ebmpapst standard	Life expectancy L_{10IPC} (40 °C) s. p. 11
		VDC	VDC			m³/h	cfm	rpm	W	Bel(A)	°C	Hours	Hours
VHS0065XUFBS RL 65-21/12	**9592910001**	**12**	6.8...13.8	B	1 2 3 4	55.0 48.7 39.6 29.3	32.4 28.7 23.3 17.2	4 500 4 750 5 060 5 480	14.7 13.4 11.8 10.0	6.9 6.9 6.8 6.6	-20...+70	60 000	102 500
VHS0065XUFBS RL 65-21/12 H	**9592910004**	**12**	6.8...13.2	C	1 2 3 4	57.0 52.0 42.9 31.9	33.5 30.6 25.2 18.8	4 900 5 100 5 440 5 880	18.9 17.6 15.6 13.2	7.2 7.1 7.2 6.9	-20...+55	55 000	92 500
VHS0065XUFBS RL 65-21/14	**9592910003**	**24**	12...26.4	B	1 2 3 4	56.0 48.7 39.7 29.4	33.0 28.7 23.4 17.3	4 500 4 760 5 080 5 460	13.6 12.4 10.9 9.2	6.9 6.9 6.8 6.6	-20...+70	60 000	102 500
VHS0065XUFBS RL 65-21/14 H	**9592910005**	**24**	12...26.4	C	1 2 3 4	57.0 52.0 43.2 32.3	33.5 30.6 25.4 19.0	4 900 5 120 5 500 5 960	17.8 16.6 14.7 12.5	7.2 7.1 7.2 6.9	-20...+60	55 000	92 500
VHS0065XUFBZ RL 65-21/18/2 HPR-180	**9792900180**	**48**	36...60	A	1 2 3 4	59.0 51.0 40.0 27.9	34.7 30.0 23.5 16.4	4 900 4 910 4 920 4 910	20.5 17.2 12.5 8.4	7.2 7.0 6.8 6.5	-20...+70	55 000	92 500

Subject to changes.

Technical drawing

Dimensions in mm

