

# VWCD060A...

DC axial fan · max. 66 m<sup>3</sup>/h · □ 60 x 25 mm



## Material/Surface

- Housing: Plastic
- Impeller: Plastic

## Characteristics

- Version: DC fan available in 12 or 24 VDC; compact, small 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: 70 g

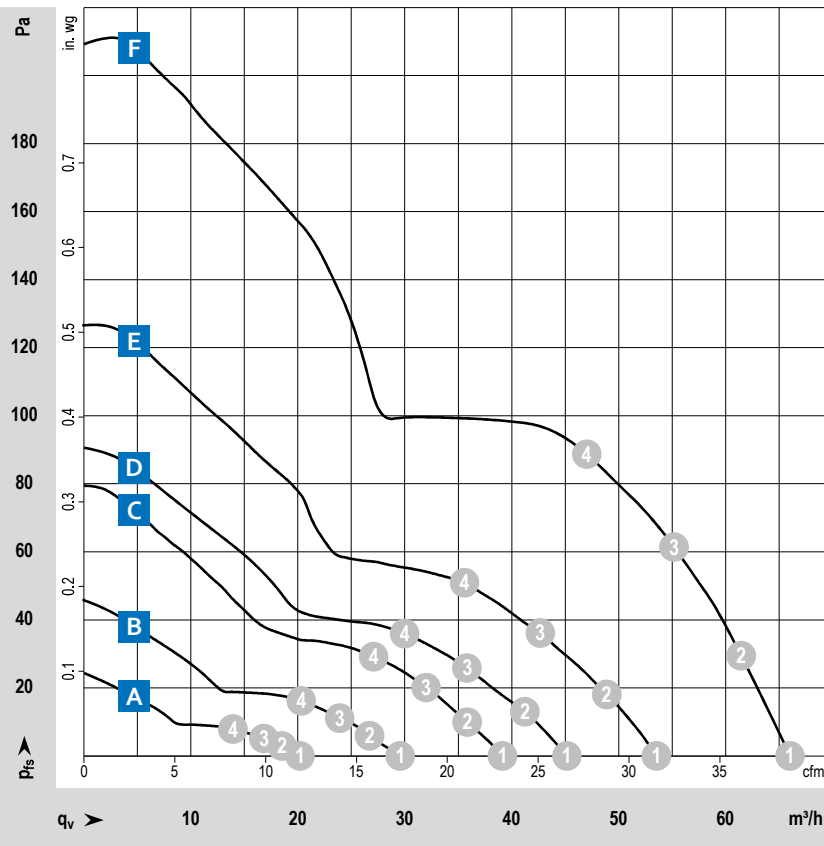
## Approvals

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

## Options

- Speed signal
- Go / NoGo alarm
- Alarm with speed limit
- External temperature sensor
- Internal temperature sensor
- PWM control input
- Analog control input
- Moisture protection
- Nominal voltage 48 VDC

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more at	<a href="http://www.ebmpapst.com">www.ebmpapst.com</a>



### 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>

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 <sub>10</sub> (40 °C) ebm-papst standard	Life expectancy L <sub>10iprc</sub> (40 °C) s.p.11
		VDC	VDC			m <sup>3</sup> /h	cfm	rpm	W	Bel(A)	dB(A)	°C	Hours	Hours
VWCD060AHEFS 622 N	9292207003	12	8...15	C	①	39.1	23.0	6 100	1.9	5.3	35	-20...+70	72 500	122 500
					②	36.2	21.3	6 030	1.9	5.3				
					③	32.0	18.8	5 980	1.9	5.1				
					④	27.1	16.0	6 000	1.9	5.1				
VWCD060AHEFS 622 H	9292207004	12	8...15	D	①	45.2	26.6	6 850	2.2	5.5	39	-20...+70	70 000	117 500
					②	41.2	24.2	6 750	2.3	5.5				
					③	35.9	21.1	6 700	2.3	5.4				
					④	30.0	17.7	6 700	2.3	5.3				
VWCD060AHEGS 622 HH	9292207006	12	8...15	E	①	54.0	31.8	8 200	3.4	6.0	43	-20...+70	65 000	110 000
					②	48.8	28.7	8 080	3.5	5.9				
					③	42.6	25.1	8 000	3.6	5.8				
					④	35.6	21.0	8 020	3.6	5.6				
VWCD060AHEGS 622/2 H3P	9692200205	12	8...15	F	①	66.0	38.8	9 700	8.1	6.6	48	-20...+70	62 500	105 000
					②	61.0	35.9	9 700	8.5	6.5				
					③	55.0	32.4	9 690	8.9	6.3				
					④	47.1	27.7	9 680	9.1	6.2				
VWCD060AJEDS 624 L	9292207005	24	18...28	A	①	20.2	11.9	3 200	1.0	3.7	20	-20...+70	80 000	135 000
					②	18.7	11.0	3 180	1.0	3.7				
					③	16.6	9.8	3 180	1.0	3.6				
					④	14.0	8.2	3 180	1.0	3.7				
VWCD060AJEES 624 M	9292207007	24	18...28	B	①	29.6	17.4	4 550	1.3	4.6	29	-20...+70	77 500	130 000
					②	26.8	15.8	4 480	1.4	4.5				
					③	23.8	14.0	4 500	1.4	4.5				
					④	20.2	11.9	4 520	1.3	4.5				
VWCD060AJEFS 624 N	9292207008	24	18...28	C	①	39.1	23.0	6 100	2.1	5.3	35	-20...+70	72 500	122 500
					②	35.9	21.1	6 050	2.1	5.3				
					③	31.9	18.8	6 000	2.1	5.1				
					④	27.0	15.9	6 000	2.1	5.1				
VWCD060AJEFS 624 H	9292207009	24	18...28	D	①	44.1	26.0	6 850	2.4	5.5	39	-20...+70	70 000	117 500
					②	40.7	24.0	6 750	2.5	5.5				
					③	35.9	21.1	6 690	2.5	5.4				
					④	30.3	17.8	6 680	2.5	5.3				
VWCD060AJEGS 624 HH	9292207010	24	18...28	E	①	55.0	32.4	8 200	3.2	6.0	43	-20...+70	65 000	110 000
					②	49.6	29.2	8 050	3.3	5.9				
					③	43.4	25.5	7 920	3.4	5.8				
					④	36.5	21.5	7 890	3.4	5.6				
VWCD060AJEGS 624/2 H3P	9692200204	24	18...28	F	①	66.0	38.8	9 700	7.0	6.6	48	-20...+70	62 500	105 000
					②	61.0	35.9	9 700	7.4	6.5				
					③	55.0	32.4	9 710	7.7	6.3				
					④	46.6	27.4	9 700	7.9	6.2				

Subject to changes.

## Technical drawing

Dimensions in mm

