

max. 324 m<sup>3</sup>/h

# DC diagonal fans

Series DV 5200 127 x 127 x 38 mm



### Highlights:

- Diagonal fan with lower operating noise at high pressures.
- Very rigid compression curve for high air flow at high back pressure.
- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.
- DV 5214 /2HP with PWM control input and speed signal, additional inputs and outputs on request.

### General characteristics:

- Material: housing of fibreglass-reinforced plastic, optionally of aluminium. Metal flange. Impeller of fibreglass-reinforced plastic PA; housing with grounding lug for screw M4 x 8 (Torx).
- Fully integrated electronic commutation. Protected against reverse polarity and locking.
- Connection via single strands AWG 22, TR 64, bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 415 g (with metal housing: 490 g).

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L <sub>10</sub> (40 °C) ebm-papst Standard	Service life L <sub>10</sub> (T <sub>max</sub> ) ebm-papst Standard	Life expectancy L <sub>10</sub> Δ (40 °C) see P. 15	Curve	Specials
Type		m <sup>3</sup> /h	CFM	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	RPM	°C	Hours	Hours	Hours	P. 110	
DV 5212 N		270	158,9	12	9...15	56	6,4	■	21,0	5 000	-20...+65	70 000 / 40 000	142 500	142 500	1	/2
DV 5214 N		270	158,9	24	16...30	56	6,4	■	20,4	5 000	-20...+65	70 000 / 40 000	142 500	142 500	1	/2
DV 5218 N		270	158,9	48	36...60	56	6,4	■	18,5	5 000	-20...+65	70 000 / 40 000	142 500	142 500	1	/2
<b>Model comes standard with speed signal and PWM control input. Other versions by request.</b>																
DV 5214 /2HP		320	188,2	24	16...30	62	7,2	■	38,5	6 000	-20...+65	62 500 / 35 000	125 000*	125 000*	2	

Speed control range from 1000 RPM up to maximum nominal speed. Stationary at 0 % PWM, maximum speed at sensor break.

