

max. 275 m<sup>3</sup>/h

# DC diagonal fans

Series DV 4100 119 x 119 x 38 mm



### Highlights:

- Diagonal compact fan with low noise and high pressure saddle.
- 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.

### General characteristics:

- Material: aluminium housing, fibreglass-reinforced PA impeller; 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: 375 g (with aluminium housing : 455 g).

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sintec 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 4112 N		280	164,7	12	9...15	61	6,9	■	21,0	6 000	-20...+65	70 000 / 40 000	142 500	142 500	1	
DV 4114 N		280	164,7	24	16...30	61	6,9	■	20,5	6 000	-20...+65	70 000 / 40 000	142 500	142 500	1	/2
DV 4118 N		280	164,7	48	36...60	61	6,9	■	20,0	6 000	-20...+65	70 000 / 40 000	142 500	142 500	1	

