DC axial fans

Series 6400 172 x 150 x 51 mm



Highlights:

– 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). 48 V version incl. screws.
– Fully integrated electronic commutation.
– Protected against reverse polarity and locking.
– Electrical connection with flat plugs 3 x 0.5 mm.
– Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
– Mass: 760 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_{10} (40 °C) ebm-papst Standard	Service life L_{10} (T_{max}) ebm-papst Standard	Life expectancy $L_{10\Delta}$ (40 °C) see P. 15	Curve	Specials
Type	**m³/h**	**CFM**	**VDC**	**VDC**	**dB(A)**	**Bel(A)**	□/■	**Watts**	**RPM**	**°C**	**Hours**		**Hours**	**P. 110/112**	
6412 M	350	206,0	**12**	8...15	52	6,0	■	12,0	2 850	-20...+72	80 000 / 37 500		157 500	1	
6424 M	350	206,0	**24**	12...32	52	6,0	■	12,0	2 850	-20...+72	80 000 / 37 500		157 500	1	
6424	410	241,3	**24**	12...28	57	6,4	■	18,0	3 400	-20...+72	75 000 / 35 000		125 000	2	/2
6424 H	480	282,5	**24**	12...28	63	7,1	■	26,0	4 000	-20...+55*	70 000 / 50 000		110 000	3	/12
6448	410	241,3	**48**	28...60	57	6,4	■	17,0	3 400	-20...+72	75 000 / 35 000		125 000	2	
6448 H*	480	282,5	**48**	28...60	63	7,1	■	26,0	4 000	-20...+55**	70 000 / 50 000		110 000	3	

* Leads 310 mm.
** 72 °C upon request.



