

max. 80 m³/h

DC axial fans

Series 8300 80 x 80 x 32 mm



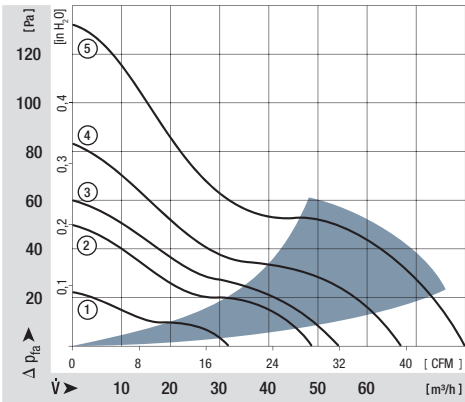
Highlights:

- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.

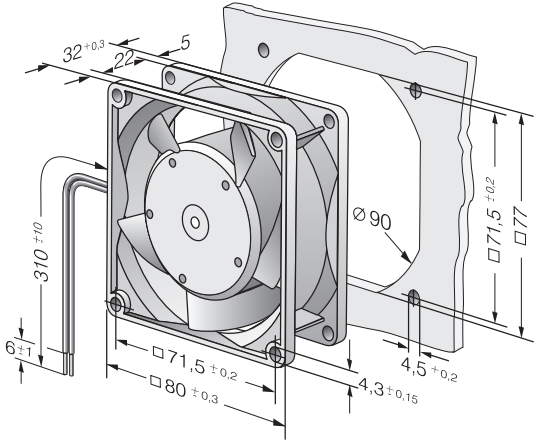
General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- 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 clockwise, seen on rotor.
- Mass: 170 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 ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L ₁₀ Δ (40 °C) see P. 15	Curve	Specials
Type		m ³ /h	CFM	VDC	VDC	dB(A)	Bel(A)	■/■	Watts	RPM	°C	Hours	Hours	Hours		P. 110-116
8312 L		32	18,8	12	6...15	24	4,0	■	1,2	2 000	-20...+75	80 000 / 32 500	160 000	160 000	1	
8312 M		48	28,3	12	6...15	34	5,0	■	2,2	3 000	-20...+75	70 000 / 27 500	140 000	140 000	2	
8312		54	31,8	12	6...15	36	5,2	■	2,6	3 300	-20...+75	70 000 / 27 500	140 000	140 000	3	
8312 HL		67	39,4	12	6...15	43	5,8	■	4,0	4 200	-20...+75	62 500 / 25 000	125 000	125 000	4	/2
8312 H		80	47,1	12	6...12,6	48	6,2	■	6,5	5 000	-20...+60	55 000 / 35 000	110 000	110 000	5	
8314 L		32	18,8	24	12...31,5	24	4,0	■	1,0	2 000	-20...+75	80 000 / 32 500	160 000	160 000	1	
8314 M		48	28,3	24	12...31,5	34	5,0	■	2,3	3 000	-20...+75	70 000 / 27 500	140 000	140 000	2	
8314		54	31,8	24	12...31,5	36	5,2	■	2,7	3 300	-20...+75	70 000 / 27 500	140 000	140 000	3	/2
8314 HL		67	39,4	24	12...31,5	43	5,8	■	4,3	4 200	-20...+75	62 500 / 25 000	125 000	125 000	4	/2
8314 H		80	47,1	24	12...28	48	6,2	■	6,0	5 000	-20...+75	55 000 / 22 500	100 000	100 000	5	/2/19
8318		54	31,8	48	36...56	36	5,2	■	2,6	3 300	-20...+75	70 000 / 27 500	140 000	140 000	3	/2/17
8318 HL		67	39,4	48	36...56	43	5,8	■	4,3	4 200	-20...+75	62 500 / 25 000	125 000	125 000	4	
8318 H		80	47,1	48	36...56	48	6,2	■	5,8	5 000	-20...+65	55 000 / 30 000	100 000	100 000	5	/17



Rotor protrusion max. 0,4 mm.



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