

max. 80 m³/h

DC axial fans

Series 8300 80 x 80 x 32 mm

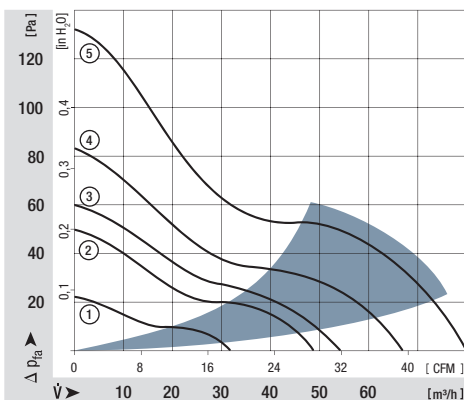


- **Material:** Housing: GRP¹⁾ (PBT)
Impeller: GRP¹⁾ (PA)
 - **Direction of air flow:** Exhaust over struts
 - **Direction of rotation:** Clockwise, seen on rotor
 - **Connection:** Via single wires AWG 22, TR 64
 - **Mass:** 170 g
- **Possible special versions:**
(See chapter DC fans - specials)
 - Speed signal
 - Go / No-go alarm
 - Alarm with limit speed
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analogue control input
 - Protection against moisture
 - Protection against fog
 - Type of protection: IP 54 / IP 68

1) Fibreglass-reinforced plastic

Nominal data	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Input power	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 IPC (40 °C) see page 17	Curve
	m ³ /h	CFM												
8312 L	32	18,8	12	6...15	24	4,0	■	1,2	2 000	-20...+75	80 000 / 32 500	135 000	①	
8312 M	48	28,3	12	6...15	34	5,0	■	2,2	3 000	-20...+75	70 000 / 27 500	117 500	②	
8312	54	31,8	12	6...15	36	5,2	■	2,6	3 300	-20...+75	70 000 / 27 500	117 500	③	
8312 HL	67	39,4	12	6...15	43	5,8	■	4,0	4 200	-20...+75	62 500 / 25 000	105 000	④	
8312 H	80	47,1	12	6...12,6	48	6,2	■	6,4	5 000	-20...+60	55 000 / 35 000	92 500	⑤	
8314 L	32	18,8	24	12...31,5	24	4,0	■	1,0	2 000	-20...+75	80 000 / 32 500	135 000	①	
8314 M	48	28,3	24	12...31,5	34	5,0	■	2,3	3 000	-20...+75	70 000 / 27 500	117 500	②	
8314	54	31,8	24	12...31,5	36	5,2	■	2,7	3 300	-20...+75	70 000 / 27 500	117 500	③	
8314 HL	67	39,4	24	12...31,5	43	5,8	■	4,3	4 200	-20...+75	62 500 / 25 000	105 000	④	
8314 H	80	47,1	24	12...28	48	6,2	■	6,0	5 000	-20...+75	55 000 / 22 500	92 500	⑤	
8318	54	31,8	48	36...60	36	5,2	■	3,0	3 300	-20...+75	70 000 / 27 500	117 500	③	
8318 HL	67	39,4	48	36...60	43	5,8	■	4,2	4 200	-20...+75	62 500 / 25 000	105 000	④	
8318 H	80	47,1	48	36...60	48	6,2	■	6,2	5 000	-20...+65	55 000 / 30 000	92 500	⑤	

Subject to alternations



Rotor protrusion max. 0,4 mm.

