

max. 545 m³/h

DC axial fans

Series 6300 172 Ø x 51 mm



Highlights:

- Very rigid compression curve for high air flow at high back pressure.
- Low operating noise level at high back pressure.
- Available as standard with PWM control input and speed signal. Additional inputs and outputs on request.

General characteristics:

- Material: aluminium housing, fibreglass-reinforced PA impeller; housing with grounding lug for screw M4 x 8 (Torx).
- 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: 910 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			
NEW	6314 /2MP	395	232,4	24	16...30	51	6,0	■	13	3 600	-20...+75	82 500/32 500	165 000	1		
NEW	6314 /2NP	470	276,5	24	16...30	56	6,5	■	23	4 400	-20...+70	80 000/40 000	160 000	2		
NEW	6314 /2HP	545	320,6	24	16...30	58	6,9	■	31	5 000	-20...+65	77 500/42 500	155 000	3		
NEW	6318 /2HP	545	320,6	48	36...72	58	6,9	■	32	5 000	-20...+65	77 500/42 500	155 000	3		

Speed control range from 700 RPM up to maximum nominal speed. Stationary at 0 % PWM, maximum speed at sensor break.

