

max. 670 m³/h

DC axial fans

Series 5300 TD 140 x 140 x 51 mm



Highlights:

- 3-phase fan drive with high degree of running smoothness.
- Very rigid compression curve for high air flow at high back pressure.
- Low operating noise level at high back pressure.
- 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 20, TR 64. Bared and tin-plated.
- Air intake over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 900 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			P. 110
5312 /2 TDHP		410	241,3	12	8...16	70	7,7	■	43	6 000	-20...+70	70 000 / 35 000	140 000	1	/2	
5314 /2 TDHP		410	241,3	24	16...36	70	7,7	■	42	6 000	-20...+70	70 000 / 35 000	140 000	1	/2	
5314 /2 TDHHP		490	288,4	24	16...36	75	8,1	■	67	7 000	-20...+70	62 500 / 30 000	120 000	2	/2	
5318 /2 TDHP		410	241,3	48	36...72	70	7,7	■	42	6 000	-20...+70	70 000 / 35 000	140 000	1	/2	
5318 /2 TDHHP		490	288,4	48	36...72	75	8,1	■	66	7 000	-20...+70	62 500 / 30 000	120 000	2	/2	
5318 /2 TDH4P		670	394,3	48	36...72	79	8,8	■	149	9 200	-20...+65	57 500 / 32 500	115 000	3	/2	

Speed control range from 1000 RPM up to maximum nominal speed. Stationary at 0 % PWM, maximum speed at sensor break.

