

Technical Data - Series DV6300

172 Ø x 51 mm (6.77 x 2 in) - S-Force



Highlights:

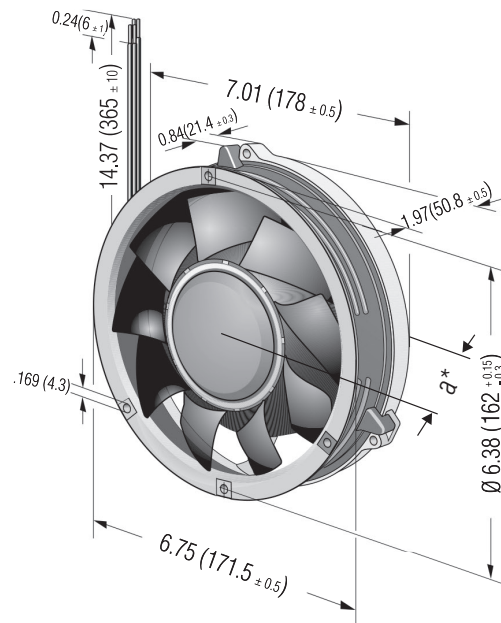
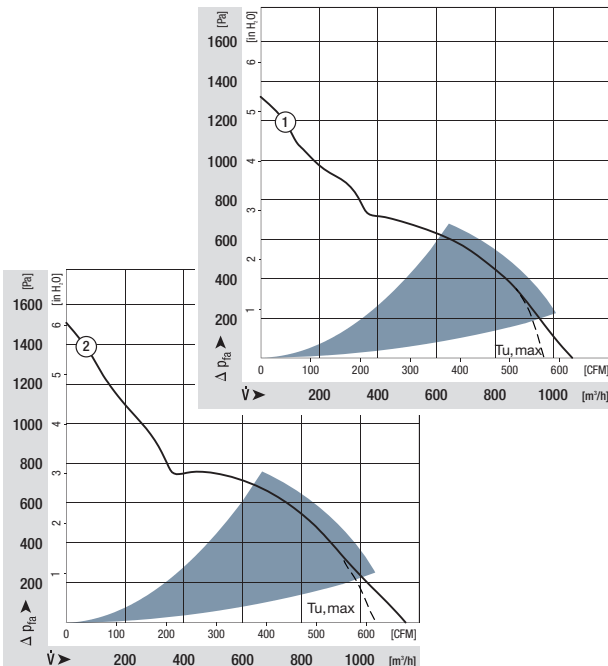
- 3-phase fan drive with high degree of running smoothness
- Very rigid compression curve for high air flow at high back pressure.
- Low operating sound level at high back pressure.
- Standard with PWM control input and speed signal.
- Additional control inputs, alarm and speed signals available on request.

General characteristics:

- Material: aluminum housing, fiberglass-reinforced PBT impeller; housing with grounding lug M4 x 8 (Torx).
- Protected against reverse polarity and locking.
- Connection via single strands AWG 18, UL3266 / AWG22, UL1061 bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 33.8 oz; 960 g.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinec 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)	Curve	Rotor protrusion	UL and VDE Approval
Type	m ³ /h	CFM	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	RPM	°C	Hours	Hours	Hours	Hours	mm		
DV 6318 /2TDH4P	1050	617	48	36...72	tbd	8.7	■	300	6 500	-20...+65	62 500 / 35 000	125 000	125 000	125 000	1		Yes
DV 6318 /2TDH5P	1100	647	48	36...72	tbd	9.2	■	390	6 800	-20...+65	60 000 / 32 500	115 000	115 000	115 000	2	3	Yes

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



*DV6318/TDH5P has a 3mm rotor protrusion

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DV6318/TDH4P	1.97 (50.8 ± 0.5)
DV6318/TDH5P	2.12 (53.8 ± 0.5)