max. 950 m³/h

DC Axial Fans

Series 6300 172 Ø x 51 mm

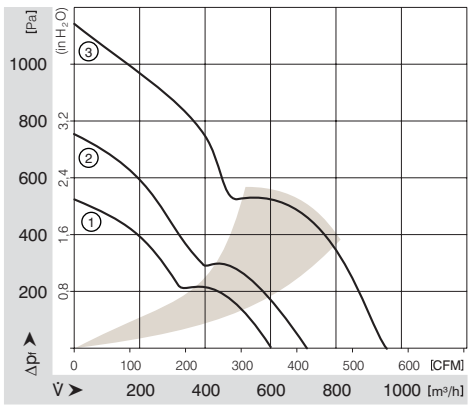


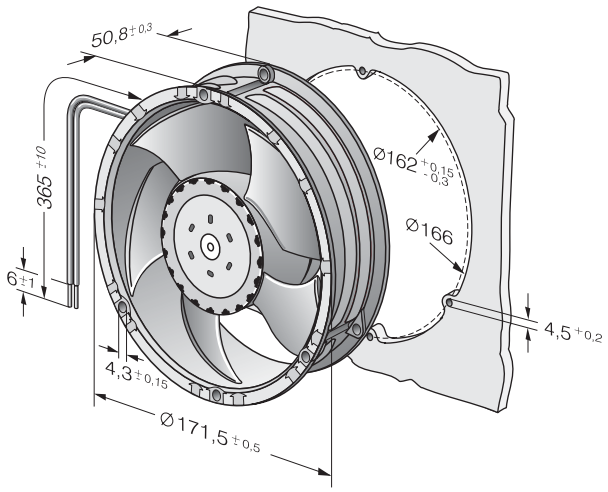
Highlights:
- 3-phase fan drive high degree of running smoothness.
- Highly stable characteristic curve for high air flow with high back pressure.
- Low operating noise at high back pressure.
- Standard with PWM control input and speed signal, additional inputs and outputs on request.

General characteristics:
- Material: aluminium housing, fiberglass-reinforced PA impeller; housing with grounding lug for screw M4 x 8 (Torx).
- Protected against reverse polarity and blocking.
- Electrical connection via single leads AWG 20, TR 64. Stripped and tinned ends.
- Blowing over struts. Rotational direction CCW looking at rotor.
- Mass: 910 g.

Nominal Data	Air Flow	Air Flow	Nominal Voltage	Voltage Range	Noise	Sound Power	Sintec-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 $L_{10\Delta}$ (40 °C)	Curve	Specials
Type	**m³/h**	**CFM**	**V DC**	**V DC**	**dB(A)**	**Bel**	**□/■**	**Watt**	**min⁻¹**	**°C**	**Hours**		**Hours**		
NEW 6312 /2TDHP	600	353.1	**12**	8...16	64	7.6	■	41	6 000	-20...+70	70 000 / 35 000		140 000	1	/2
NEW 6314 /2TDHP	600	353.1	**24**	16...36	64	7.6	■	41	6 000	-20...+70	70 000 / 35 000		140 000	1	/2
NEW 6314 /2TDHHP	710	417.9	**24**	16...36	69	7.9	■	67	7 000	-20...+70	62 500 / 30 000		120 000	2	/2
NEW 6318 /2TDHP	600	353.1	**48**	36...72	64	7.6	■	41	6 000	-20...+70	70 000 / 35 000		140 000	1	/2
NEW 6318 /2TDHHP	710	417.9	**48**	36...72	69	7.9	■	67	7 000	-20...+70	62 500 / 30 000		120 000	2	/2
NEW 6318 /2TDH4P	950	559.1	**48**	36...72	75	8.4	■	150	9 200	-20...+65	52 500 / 30 000		107 500	3	/2

Speed control range from 1000 min⁻¹ up to maximum nominal speed. Stationary at 0 % PWM, maximum speed when no sensor is connected.





ebmpapst