

max. 1220 m³/h

DC axial fans

Series 2200 FTD 220 x 200 x 51 mm



Highlights:

- High- performance 200 mm fan with compact overall height.
- Low operating noise level at high back pressure.
- 3-phase fan drive high degree of running smoothness and high efficiency.
- Standard with speed signal and PWM (P) or 0-10VDC / PWM (O) speed control.

General characteristics:

- Material: aluminium housing, fibreglass-reinforced PA impeller; housing with grounding lug for screw M4 x 8.
- Electronic commutation fully integrated.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 20, UL 1007 / AWG 22, UL 1061, bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 1000 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 (τ max) ebm-papst Standard | Life expectancy L ₁₀ Δ (40 °C) | Curve | Specials |
|-------------------|--|-------------------|----------|-----------------|---------------|----------------------|-------------------|---|-------------|---------------|-------------------|--|--|--|-------|----------|
| Type | | m ³ /h | CFM | VDC | VDC | dB(A) | Bel(A) | ■ / ■ | Watts | RPM | °C | Hours | Hours | Hours | | P. 110 |
| NEW 2214 F/2TDH0 | | 790 | 464,7 | 24 | 16...30 | 62 | 7,1 | ■ | 35,0 | 4250 | -25...+75 | 90 000 / 42 500 | 180 000 | 180 000 | 1 | /2 |
| NEW 2214 F/2TDH10 | | 940 | 552,9 | 24 | 16...36 | 66 | 7,4 | ■ | 35,0 | 5000 | -25...+70 | 85 000 / 42 500 | 170 000 | 170 000 | 2 | /2 |
| NEW 2218 F/2TDH0 | | 790 | 464,7 | 48 | 36...57 | 62 | 7,1 | ■ | 48,0 | 4250 | -25...+75 | 90 000 / 42 500 | 180 000 | 180 000 | 1 | /2 |
| NEW 2218 F/2TDH10 | | 940 | 552,9 | 48 | 36...72 | 66 | 7,4 | ■ | 48,0 | 5000 | -25...+70 | 85 000 / 42 500 | 170 000 | 170 000 | 2 | /2 |
| NEW 2218 F/2TDH4P | | 1220 | 717,6 | 48 | 36...72 | 72 | 8,2 | ■ | 103,0 | 6500 | -20...+65 | 70 000 / 40 000 | 140 000 | 140 000 | 3 | /2 |

Speed control range from 1000 RPM up to maximum nominal speed. Stationary at 0 % PWM / 0 V,
Type O: stationary at sensor break; Type P: maximum speed at sensor break.

