

Max. 1220 m<sup>3</sup>/h

**S-Force**



Series 2200 FTD

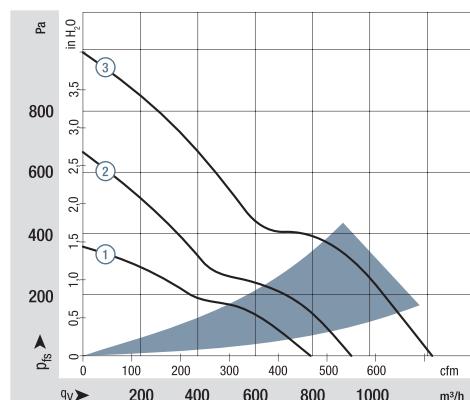
Nominal data		Air flow m <sup>3</sup> /h	Air flow cfm	Nominal voltage VDC	VDC	Sound pressure level dB(A)	Sound power level Bel(A)	■ / ■	Power consumption*	Nominal speed rpm <sup>-1</sup>	Temperature range °C	Hours	Hours	Curve	
Type		2214 F/2 TDHO	790	465	<b>24</b>	16...30	62	7.1	■	35	4250	-20...+75	90 000 / 42 500	152 500	①
		2214 F/2 TDHHO	940	553	<b>24</b>	16...36	66	7.4	■	48	5000	-20...+70	85 000 / 42 500	142 500	②
		2218 F/2 TDHO	790	465	<b>48</b>	36...57	62	7.1	■	35	4250	-20...+75	90 000 / 42 500	152 500	①
		2218 F/2 TDHHO	940	553	<b>48</b>	36...72	66	7.4	■	48	5000	-20...+70	85 000 / 42 500	142 500	②
		2218 F/2 TDH4P	1220	718	<b>48</b>	36...72	72	8.2	■	103	6500	-20...+65	70 000 / 40 000	117 500	③

Subject to change

Speed control range from 1000 rpm<sup>-1</sup> up to maximum nominal speed.

Standstill at 0% PWM, Type O: standstill if control wire is interrupted; Type P: maximum speed if control wire is interrupted.

\* Power consumption at free air flow. These values can be significantly higher in the operating point.



Air performance measured according to: ISO 5801.  
Installation category A, without contact protection.  
Noise: Total sound power level L<sub>WA</sub> ISO 103002  
measured on a hemisphere with a radius of 2 m.  
Sound pressure level L<sub>pA</sub> measured at 1 m distance from  
fan axis.  
The values given are applicable only under the specified  
measuring conditions and may differ depending on the  
installation conditions.  
In the event of deviation from the standard configuration,  
the parameters must be checked after installation!  
For detailed information see  
<http://www.ebmpapst.com/general conditions>

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Finger guards  
from p. 242

## DC axial fans

220 x 200 x 51 mm

- **Material:** Housing: Die-cast aluminum  
Impeller: GRP<sup>1)</sup> (PA)
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Connection:** Via single wires AWG 18, 20 or AWG 22, TR 64, speed signal and control input AWG 22
- **Highlights:** Highly efficient and smoothly operating 3-phase fan drive  
Housing with grounding lug for screw M4 x 8 (Torx)  
1000 g
- **Weight:** 1) Fiberglass-reinforced plastic

- **Possible special versions:** (See chapter DC fans - specials)
  - Speed signal
  - Go / NoGo alarm
  - Alarm with speed limit
  - External temperature sensor
  - Internal temperature sensor
  - PWM control input
  - Analog control input
  - Multi-option control input
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54

Series 2200 FTD	Air flow m <sup>3</sup> /h	Air flow cfm	Nominal voltage VDC	VDC	Sound pressure level dB(A)	Sound power level Bel(A)	■ / ■	Power consumption*	Nominal speed rpm <sup>-1</sup>	Temperature range °C	Service life L <sub>10</sub> (40 °C) ehm-papst standard	Service life L <sub>10</sub> (T <sub>max</sub> ) ehm-papst standard	Life expectancy L <sub>10 PC</sub> (40 °C) see page 17	Curve
2214 F/2 TDHO	790	465	<b>24</b>	16...30	62	7.1	■	35	4250	-20...+75	90 000 / 42 500	152 500	①	
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