

Max. 1220 m³/h
S-Force

DC axial fans

220 x 200 x 51 mm



- **Material:** Housing: Die-cast aluminum
Impeller: GRP¹⁾ (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)
- **Weight:** 1000 g
- **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

1) Fiberglass-reinforced plastic

Series 2200 FTD															
Nominal data		Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sintec sleeve bearings Ball bearings	Power consumption*	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 (IPC (40 °C) see page 17)	Curve
Type	m ³ /h	cfm	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	rpm ⁻¹	°C	Hours	Hours	Hours		
2214 F/2 TDHO	790	465	24	16...30	62	7.1	■	35	4250	-20...+75	90 000 / 42 500	152 500	152 500	①	
2214 F/2 TDHHO	940	553	24	16...36	66	7.4	■	48	5000	-20...+70	85 000 / 42 500	142 500	142 500	②	
2218 F/2 TDHO	790	465	48	36...57	62	7.1	■	35	4250	-20...+75	90 000 / 42 500	152 500	152 500	①	
2218 F/2 TDHHO	940	553	48	36...72	66	7.4	■	48	5000	-20...+70	85 000 / 42 500	142 500	142 500	②	
2218 F/2 TDH4P	1220	718	48	36...72	72	8.2	■	103	6500	-20...+65	70 000 / 40 000	117 500	117 500	③	

Subject to change

Speed control range from 1000 rpm⁻¹ 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.

