

**ebm-papst St. Georgen GmbH & Co. KG**

Hermann-Papst-Str. 1

D-78112 St. Georgen

Phone +49 (0) 7724 81-0

Fax +49 (0) 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

Nominal data

Type	2218 F/2TDHO	
Phase		3~
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 57
Speed (rpm)	min ⁻¹	4250
Power consumption	W	35
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	75
Air flow	m ³ /h	790
Sound power level	B	7.1
Sound pressure level	dB(A)	62

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



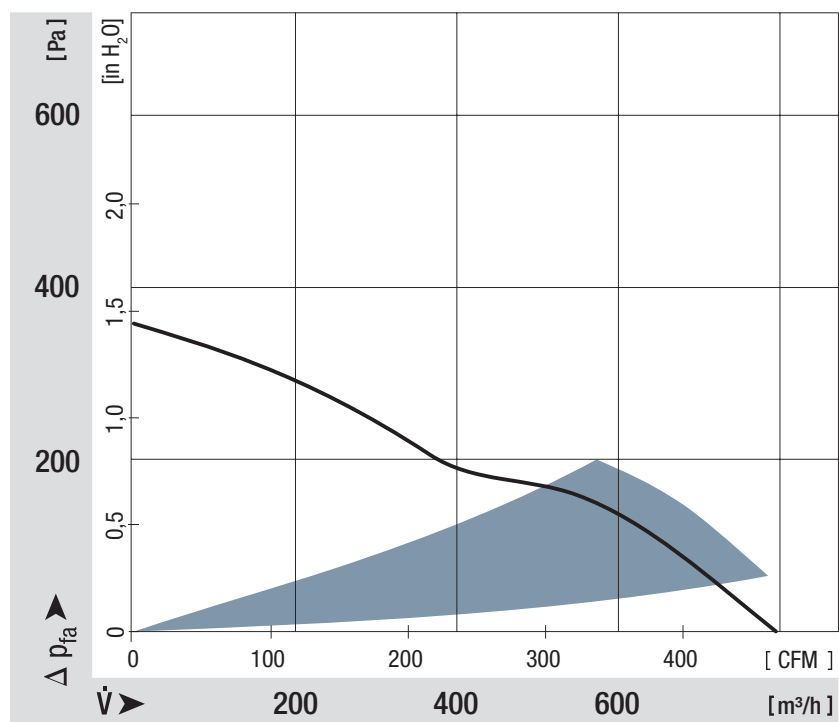
Technical description

General description	3-phase fan drive with very smooth operation and high efficiency Housing with grounding lug for M4 x 8 screw (Torx) * Power consumption when wide open; these values may be considerably higher at the operating point.
Impeller material	Glass-fiber reinforced PA plastic
Weight	1.0 kg
Dimensions	220 x 200 x 51 mm
Housing material	Die-cast aluminum
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	90000 h
Service life L10 at maximum temperature	42500 h
Cable	With leads AWG 18, 20 or AWG 22, TR 64, speed signal and control input AWG 22

Technical drawing of a fan assembly showing dimensions:

- $50,8 \pm 0,5$
- 400 ± 10
- 6 ± 1
- $4,3 \pm 0,15$
- $\square 200 \pm 0,5$
- $\varnothing 210 \pm 0,5$
- $\varnothing 220 \pm 0,5$
- $4,5 \pm 0,2$
- $\varnothing 208$
- $\varnothing 197$

Curves



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ebm-papst:](#)

[2218F/2TDHO](#)