

**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

sales@fansco.com

www.fansco.com

Nominal data

Type	618 NM	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 56
Speed (rpm)	min ⁻¹	4100
Power consumption	W	1.9
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	35
Sound power level	B	4.6
Sound pressure level	dB(A)	28

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



Technical description

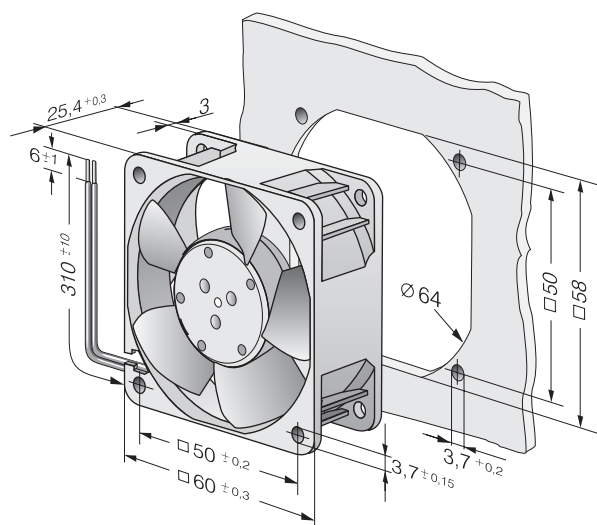
Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.066 kg
Dimensions	60 x 60 x 25 mm
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	80000 h
Service life L10 at maximum temperature	40000 h
Cable	Leads AWG 22, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	With electronic locked-rotor and overload protection
Approval	VDE, CSA, UL, CE
Option	Possible custom designs: Speed signal Go / No-go alarm Moisture protection Degree of protection: IP54 / IP68



618 NM

DC axial compact fan

Product drawing



Curves: Air performance

