

**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	8452 /2GHP	
Nominal voltage	VDC	12
Nominal voltage range	VDC	10.8 .. 13.2
Speed (rpm)	min ⁻¹	4000
Power consumption	W	2.5
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	75
Sound power level	B	5.3
Sound pressure level	dB(A)	38

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

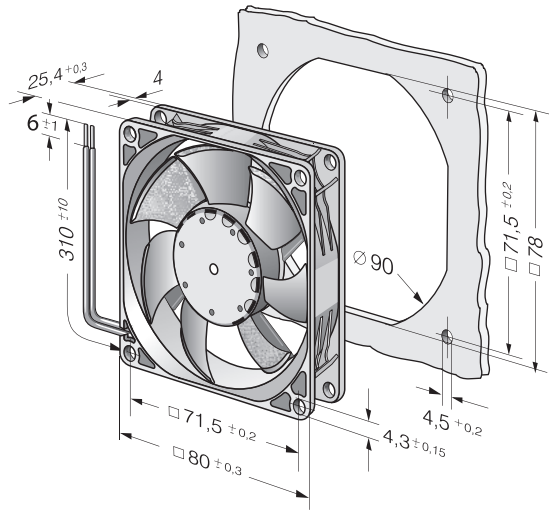


Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.105 kg
Dimensions	80 x 80 x 25 mm
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Extremely quiet Sintec sleeve bearings.
Service life L10 at 40 °C	70000 h
Service life L10 at maximum temperature	35000 h
Cable	Leads AWG 24, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Option	Possible custom designs: Speed signal Go / No-go alarm Alarm with speed limit External temperature sensor Internal temperature sensor PWM control input Analog control input Moisture protection



Product drawing



Curves

