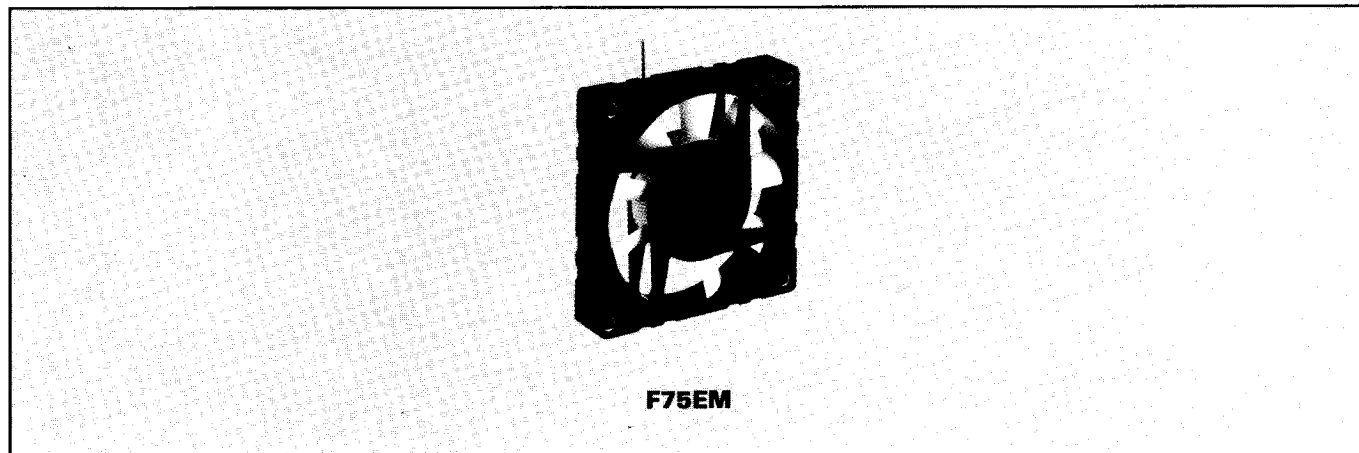


Series F70, F75, F80

Ultra-slim fan

brushless

DC/AC



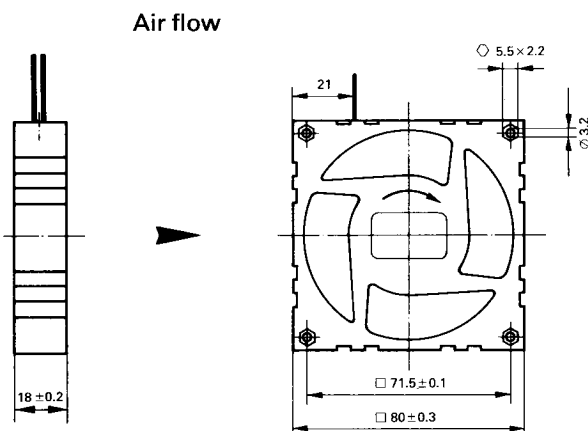
F75EM

- Housing of black glass-fibre reinforced plastic
- Impeller of light-grey glass-fibre reinforced plastic
- Mounting with M3 screws or self adhesive gasket
- Mounting possible in any orientation

- Electrical connection with red and black leads AWG 26, 0.13 mm², min. 200 mm long
- F70, F75, and F80, 12 and 24 volts are suitable for AC and DC operation, see remarks on page 3

Dimensions (in mm)

Dimensions 18 × 80 × 80 mm

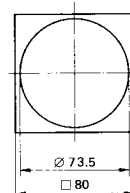


Diameter of air inlet/outlet $\varnothing$ 75 mm

Types:	F70EM (low)	DC/AC
	F75EM (medium)	DC/AC
	F80EM (high)	DC/AC

no radio frequency interference

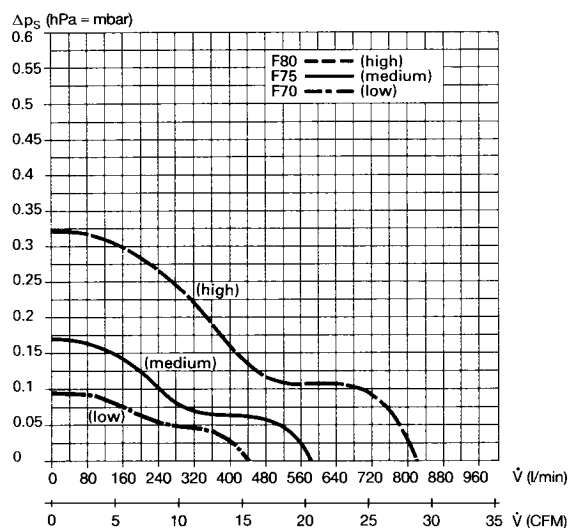
Double sided, self adhesive gasket "Quick-fix"



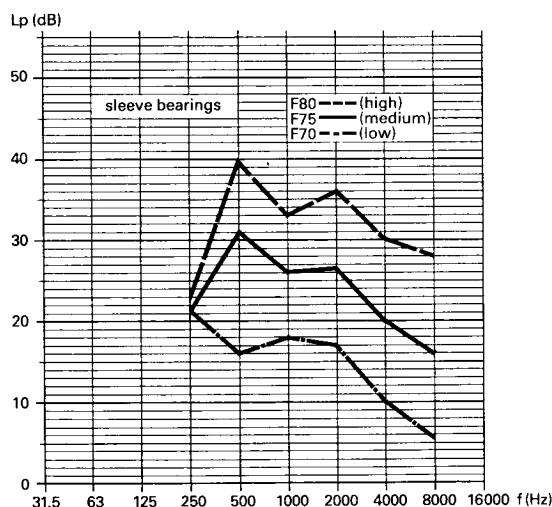
Article No. F80XX 4A024

pre-cut in shape and size for easy mounting and effective sealing of the fan on any kind of surface

Airflow performance graph



Acoustic emission graph



Technical data

Voltage

Types

Nominal voltage

Voltage range

Nominal current max.

Nominal power

Stall current

Speed typically

Flow rate

Static pressure difference

Acoustic emission level

Expected life

Ambient temperature range

Weight

Bearings

U_N

U

I_N

P_N

I_H

n

$\dot{V}$

Δp

LpA

t

T

m

5 VDC			12 VDC/AC		
F70	F75	F80	F70	F75	F80
5	5	5	12	12	12
	4.5–5.5			10.8–13.2	
260	260	570	125	125	290
1.3	1.3	2.85	1.5	1.5	3.12
250	270	630	180	180	500
2 050	2 600	3 400	2 050	2 600	3 400
440	600	740	440	600	800
9	16	29	9	16	30
23	32	38	23	32	40
30 000					
–20 ... +65					
75					
Sleeve bearings (spherical)					

V

V

mA

W

mA

min⁻¹

l/min

Pa

dB(A)

h

°C

g

Technical data

Voltage

Types

Nominal voltage

Voltage range

Nominal current max.

Nominal power

Stall current

Speed typically

Flow rate

Static pressure difference

Acoustic emission level

Expected life

Ambient temperature range

Weight

Bearings

U_N

U

I_N

P_N

I_H

n

$\dot{V}$

Δp

LpA

t

T

m

24 VDC/AC		
F70	F75	F80
24	24	24
	21.6–26.4	
60	60	150
1.44	1.44	3.6
80	80	230
2 050	2 600	3 600
440	600	800
16	16	32
23	32	41
30 000		
–20 ... +65		
75		
Sleeve bearings (spherical)		

V

V

mA

W

mA

min⁻¹

l/min

Pa

dB(A)

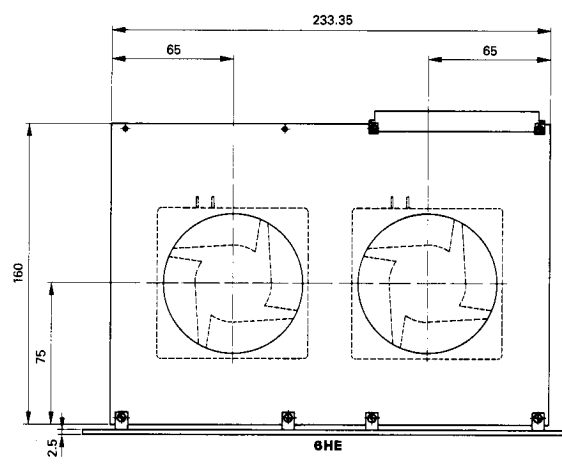
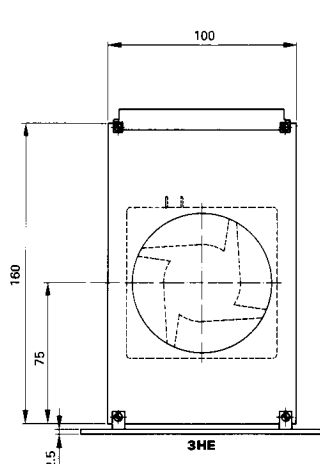
h

°C

g

PC board with fan mounted according to DIN 41494

Dimensions



Components: standard size boards ready for plug-in, complete with brushless ultra-slim fan 80 × 80 × 18 mm, available for operation on 5, 12, or 24 volts DC
 Panel: standard size 6 TE (30.3 mm), thickness 2.5 mm (other sizes up to 12 TE on request).

Airflow:

	EURO card	Code No.	Double EURO	Code No.	(5/12/24 V)
Low	440 l/min	Y317 A	880 l/min	Y357 A	(+ voltage)
Medium	600 l/min	Y318 A	1200 l/min	Y358 A	(+ voltage)
High	800 l/min	Y319 A	1600 l/min	Y359 A	(+ voltage)