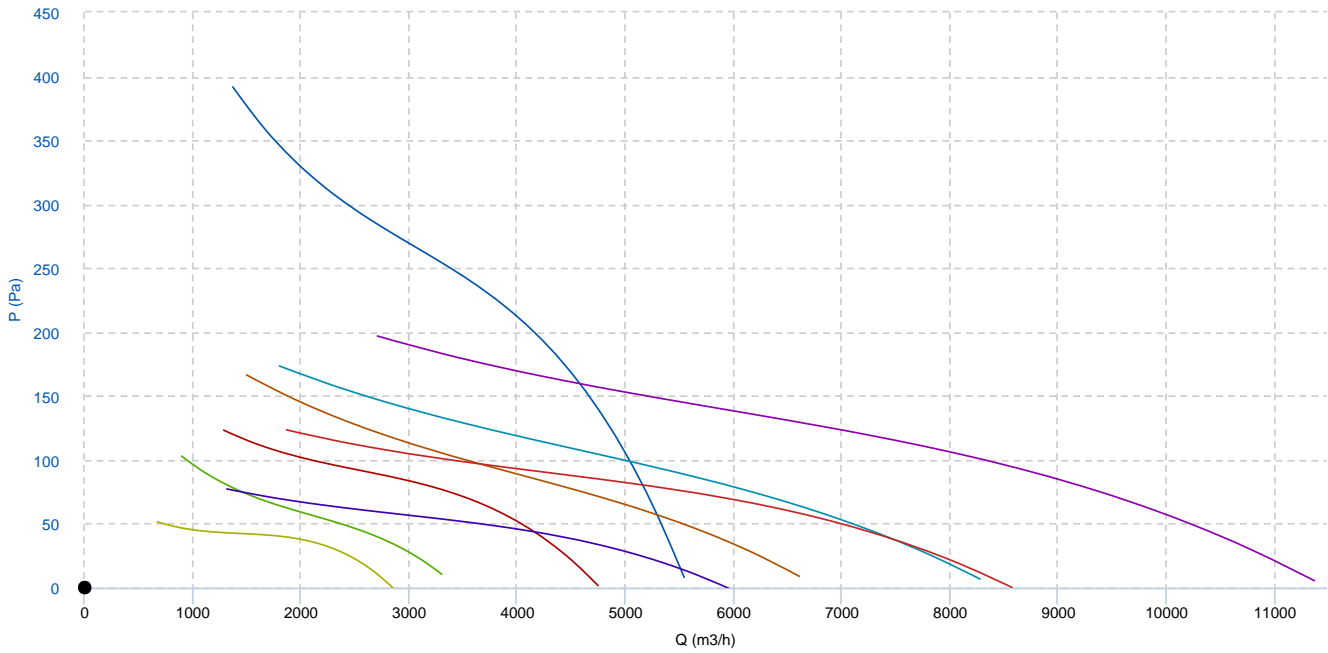


COMPARISON



Design point

Q (m ³ /h)	0
P (Pa)	0

comparative summary

model	Q (m ³ /h)	Ps (Pa)	Pt (Pa)	P _{abs} (kW)	P _{recom} (kW)	Efficiency (%)
HJBM 35 M2 0,55kW (268352103)	-	-	-	-	-	-
HJBM 35 M4 0,12kW (268362103)	-	-	-	-	-	-
HJBM 40 M4 0,18kW (268402103)	-	-	-	-	-	-
HJBM 40 M6 0,09kW (268412103)	-	-	-	-	-	-
HJBM 45 M4 0,37kW (268452103)	-	-	-	-	-	-
HJBM 50 M4 0,55kW (268502103)	-	-	-	-	-	-
HJBM 50 M6 0,18kW (268512103)	-	-	-	-	-	-
HJBM 56 M4 0,75kW (268562103)	-	-	-	-	-	-
HJBM 56 M6 0,25kW (268572103)	-	-	-	-	-	-

HJBM 35 M2 0,55kW (268352103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

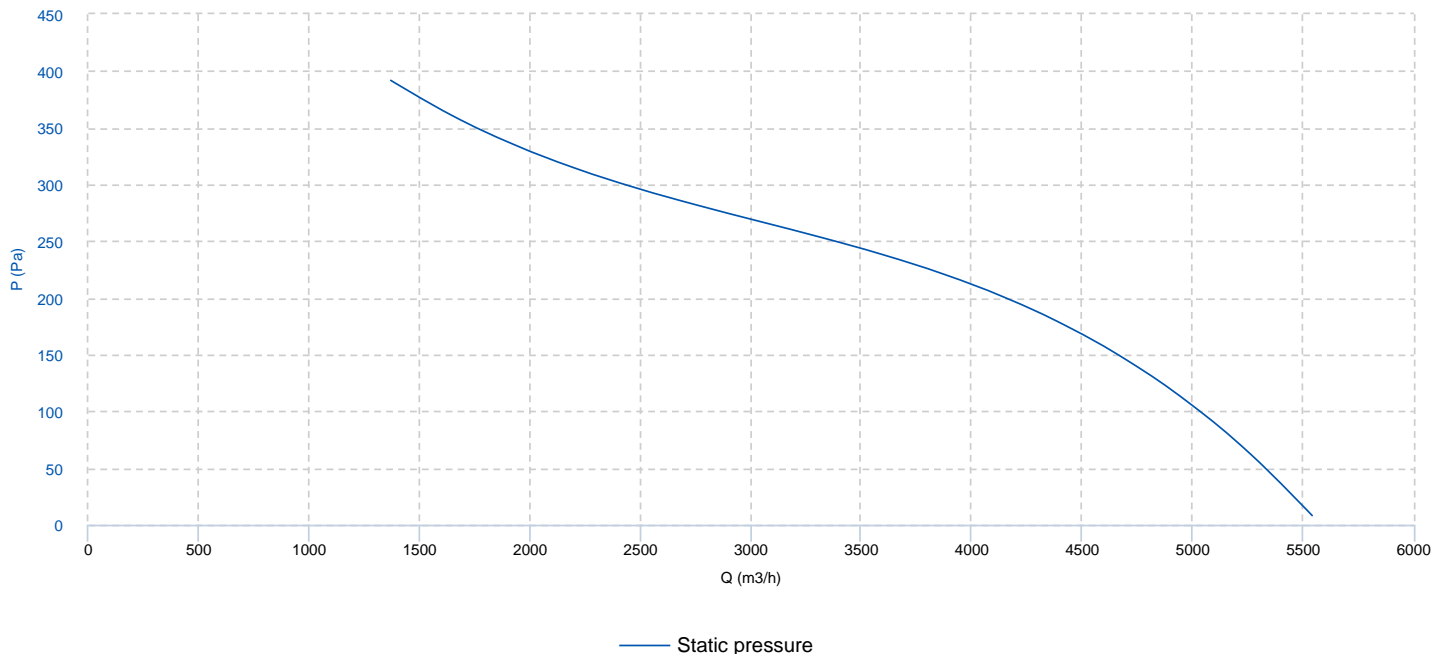
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

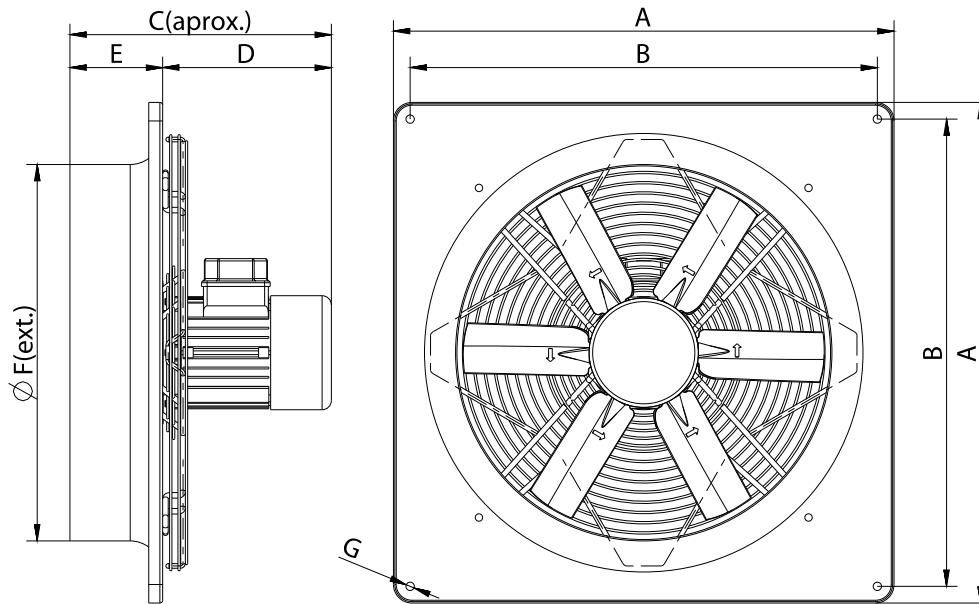
fan

RPM	3000	approx. weight	7,5 kg	max flow	5540 m ³ /h
-----	------	----------------	--------	----------	------------------------

motor

power	0.55 kW	motor rpm	2800	Capacitor	20µF 450V
imax 230V	3.71 A	size	71	approx. weight	6.7 kg
efficiency	70 %	FP	0,92000001669		

DIMENSIONS DIAGRAM



Dimensions (mm)

A	460	B	392	C	294	D	208	E	86
ØF	366	ØG	9						

HJBM 35 M4 0,12kW (268362103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

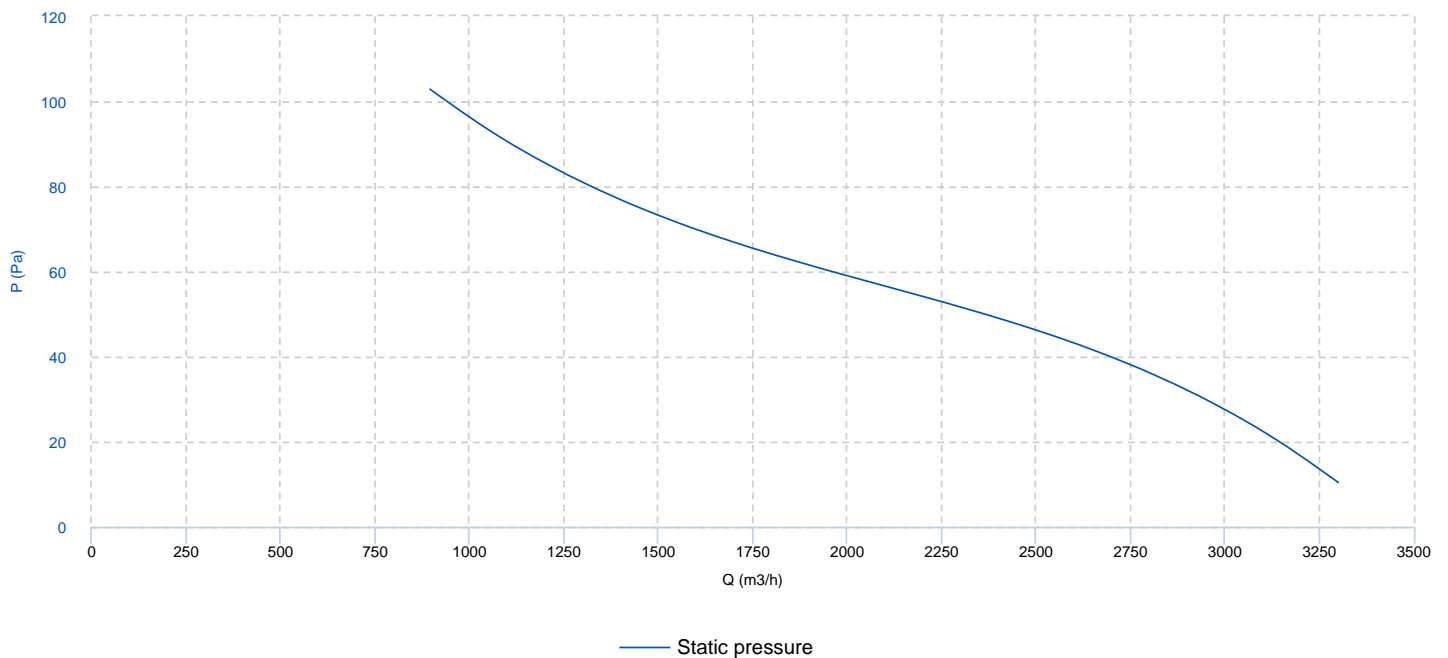
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

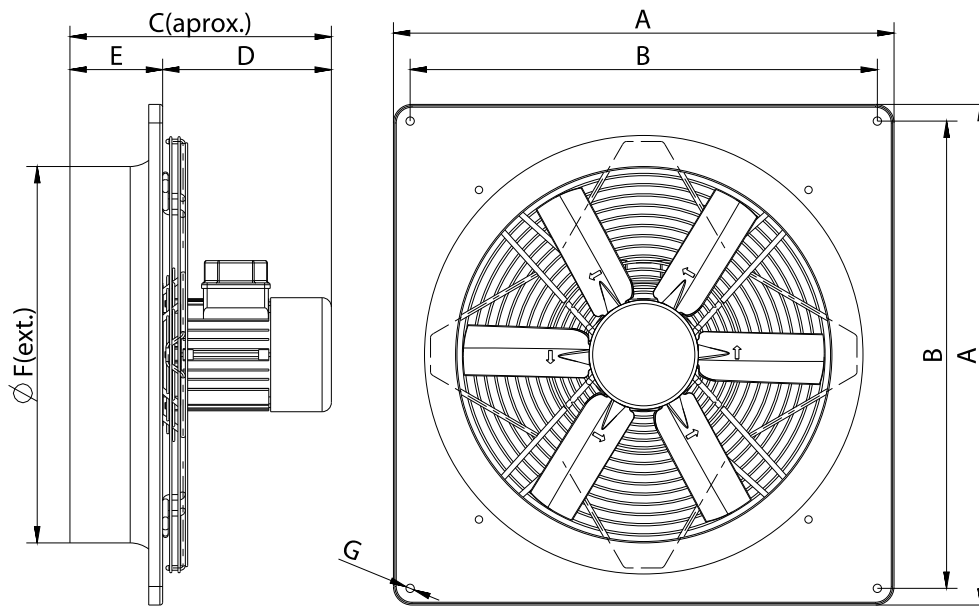
fan

RPM	1500	approx. weight	6,5 kg	max flow	3300 m ³ /h
-----	------	----------------	--------	----------	------------------------

motor

power	0.12 kW	motor rpm	1380	Capacitor	6 μ F 450V
imax 230V	1,15 A	size	63	approx. weight	4 kg
efficiency	57 %	FP	0,92000001669		

DIMENSIONS DIAGRAM



Dimensions (mm)

A	460	B	392	C	267	D	181	E	86
ØF	366	ØG	9						

HJBM 40 M4 0,18kW (268402103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

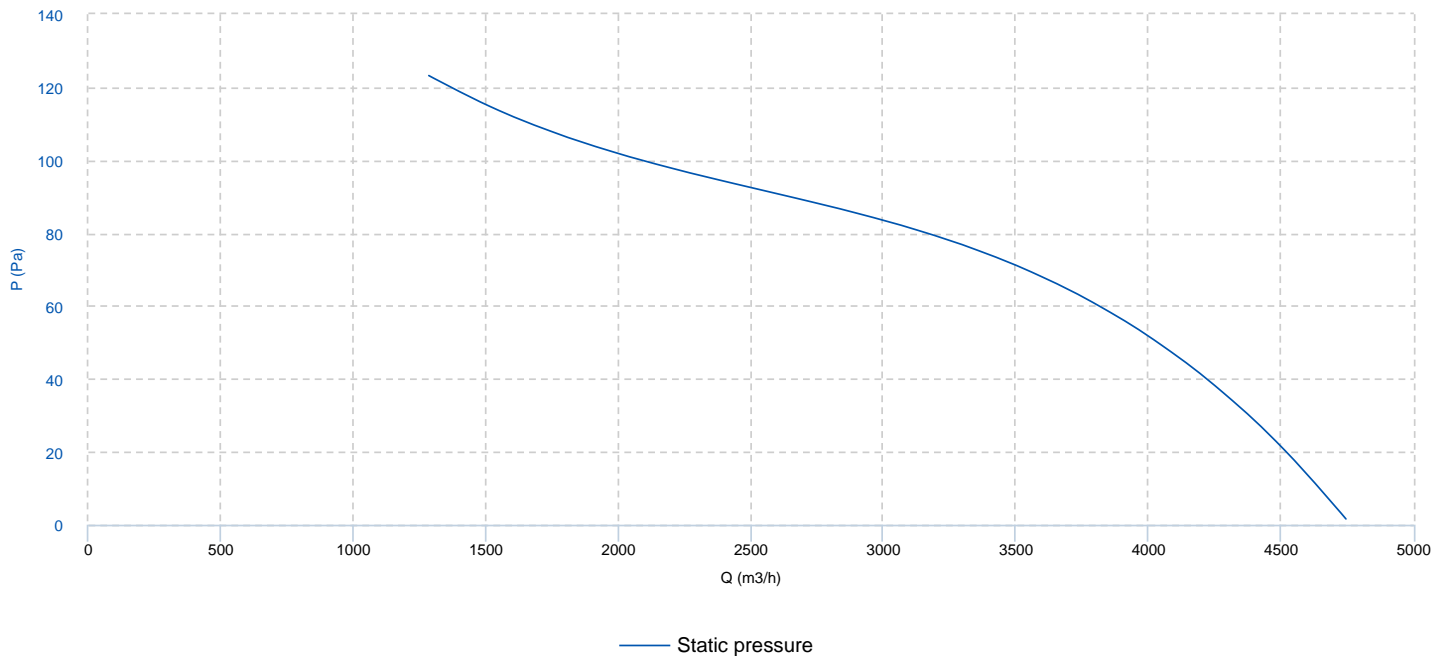
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

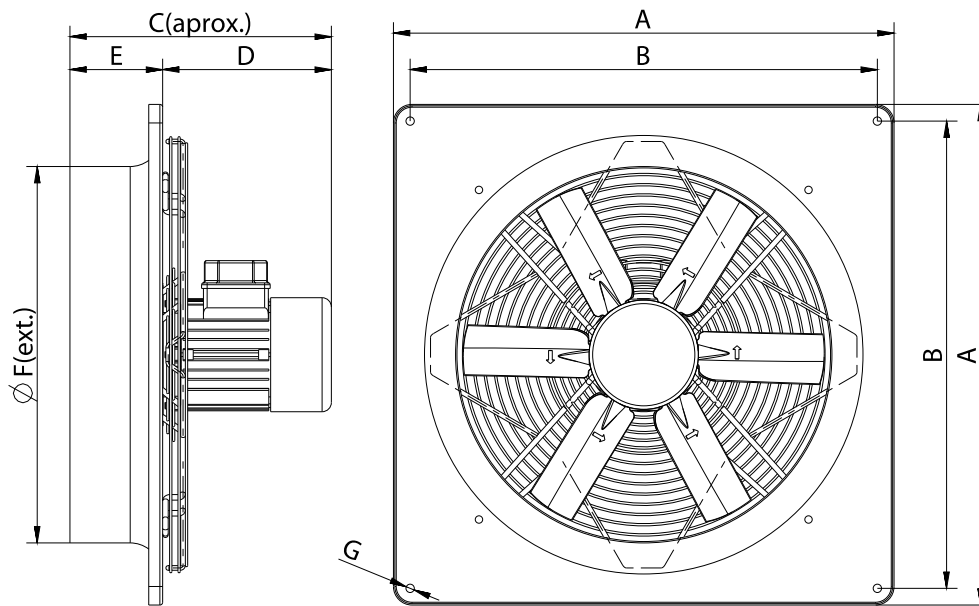
fan

RPM	1500	approx. weight	9 kg	max flow	4740 m ³ /h
-----	------	----------------	------	----------	------------------------

motor

power	0.18 kW	motor rpm	1400	Capacitor	8μF 450V
imax 230V	1,55 A	size	63	approx. weight	4.5 kg
efficiency	59 %	FP	0,92000001669		

DIMENSIONS DIAGRAM



Dimensions (mm)

A	540	B	504	C	282	D	182	E	100
ØF	406	ØG	11						

HJBM 40 M6 0,09kW (268412103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

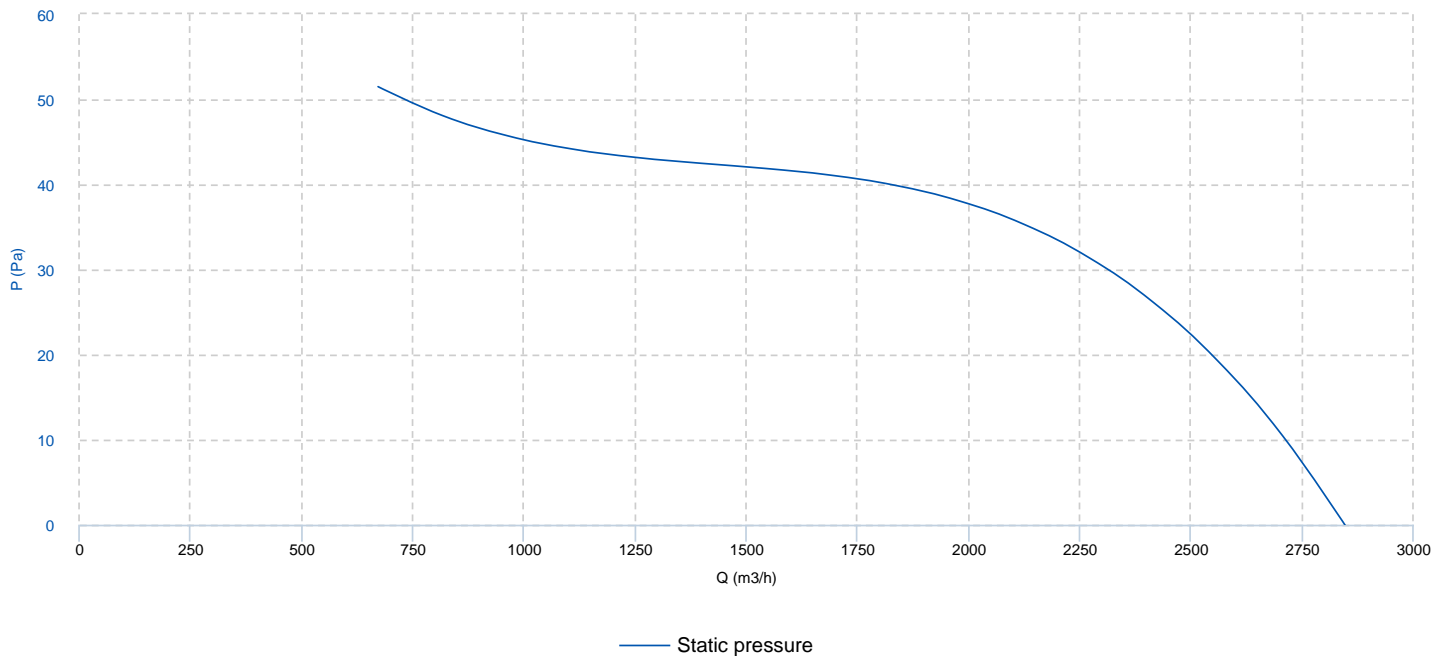
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

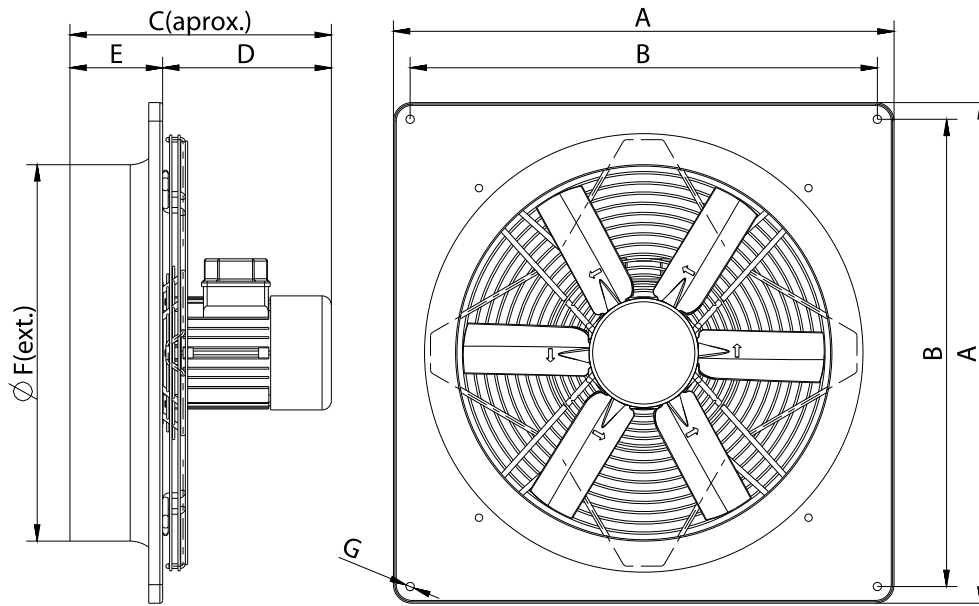
fan

RPM	1000	approx. weight	9 kg	max flow	2850 m ³ /h
-----	------	----------------	------	----------	------------------------

motor

power	0.09 kW	motor rpm	900	imax 230V	0.92 A
approx. weight	5 kg				

DIMENSIONS DIAGRAM



Dimensions (mm)

A	540	B	504	C	282	D	182	E	100
ØF	406	ØG	11						

HJBM 45 M4 0,37kW (268452103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

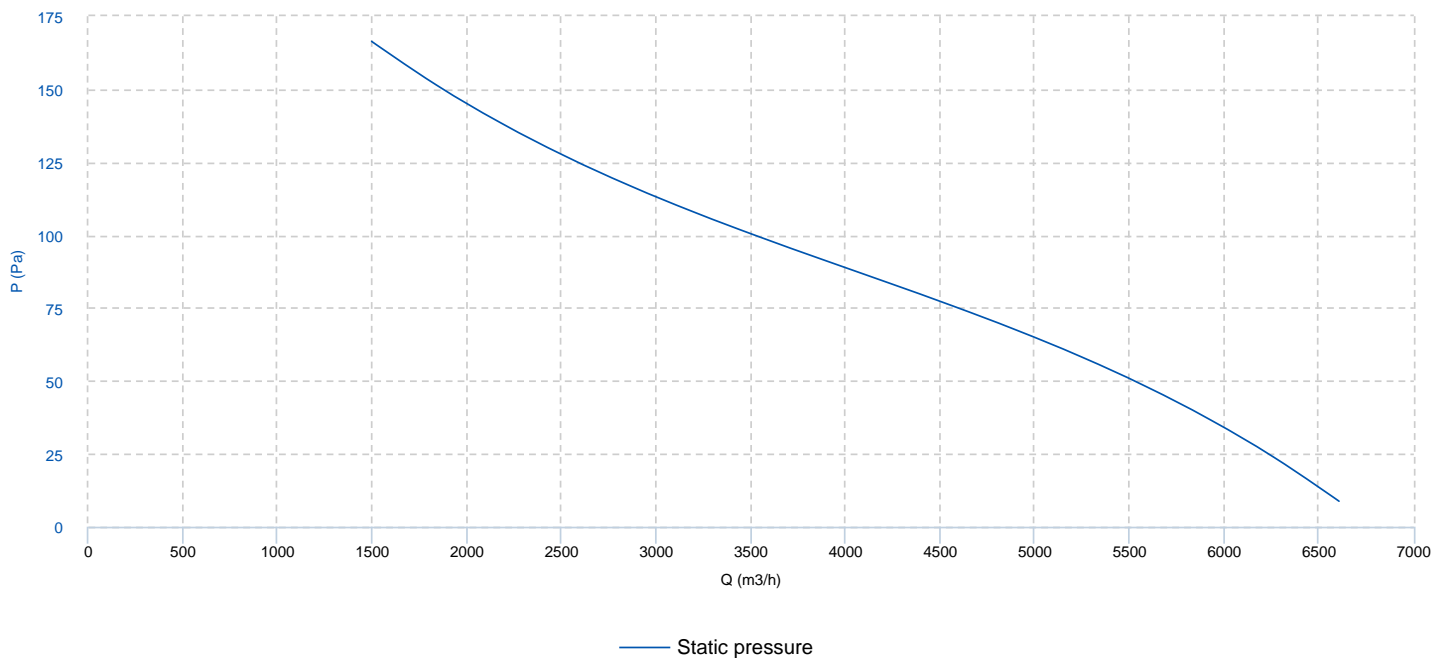
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	1500
-----	------

approx. weight	12,5 kg
----------------	---------

max flow	6610 m ³ /h
----------	------------------------

motor

power	0.37 kW
-------	---------

motor rpm	1400
-----------	------

Capacitor	16μF 450V
-----------	-----------

imax 230V	2.82 A
-----------	--------

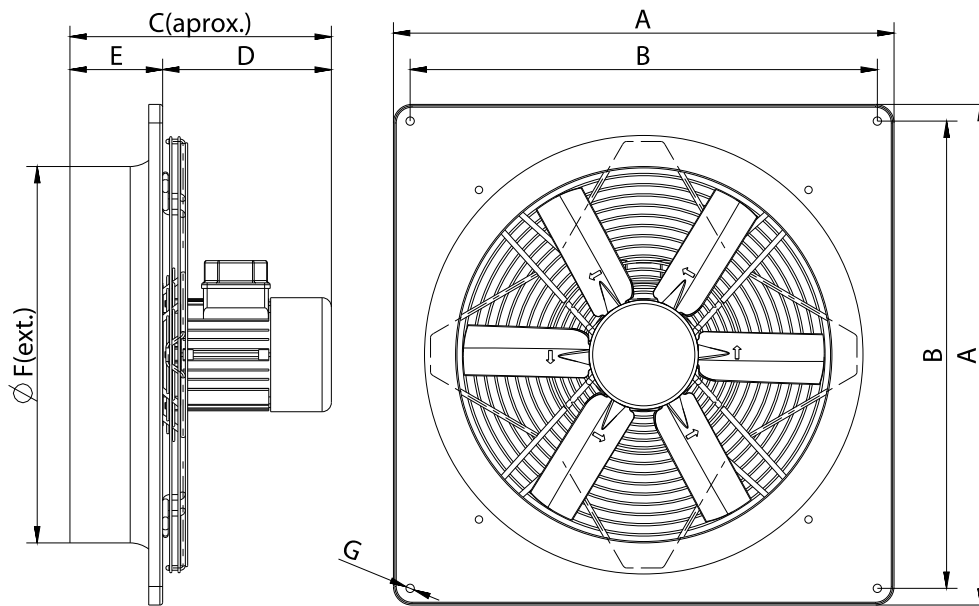
size	71
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approx. weight	6.5 kg
----------------	--------

efficiency	62 %
------------	------

FP	0,94999998808
----	---------------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	576
ØF	455

B	521,5
ØG	11

C	307
---	-----

D	207
---	-----

E	100
---	-----

HJBM 50 M4 0,55kW (268502103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

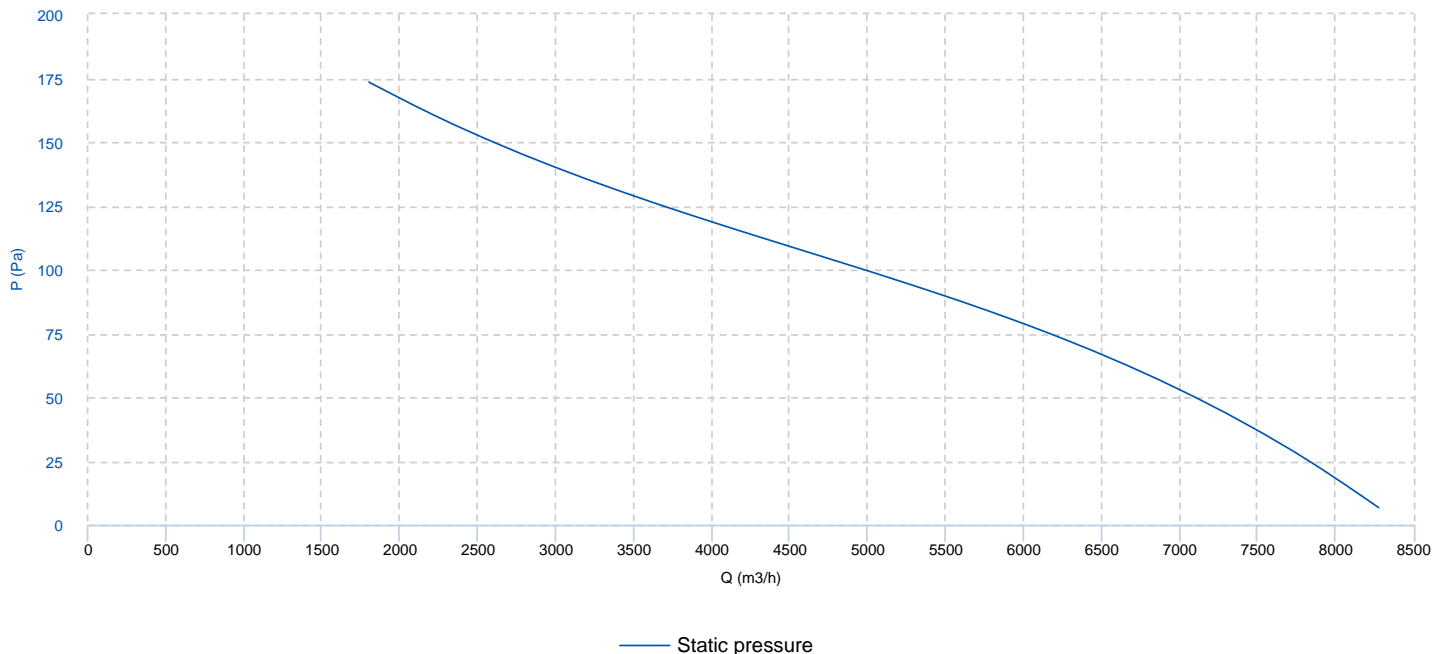
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	1500
-----	------

approx. weight	18 kg
----------------	-------

max flow	8280 m ³ /h
----------	------------------------

motor

power	0.55 kW
-------	---------

motor rpm	1400
-----------	------

Capacitor	20μF 450V
-----------	-----------

imax 230V	3,98 A
-----------	--------

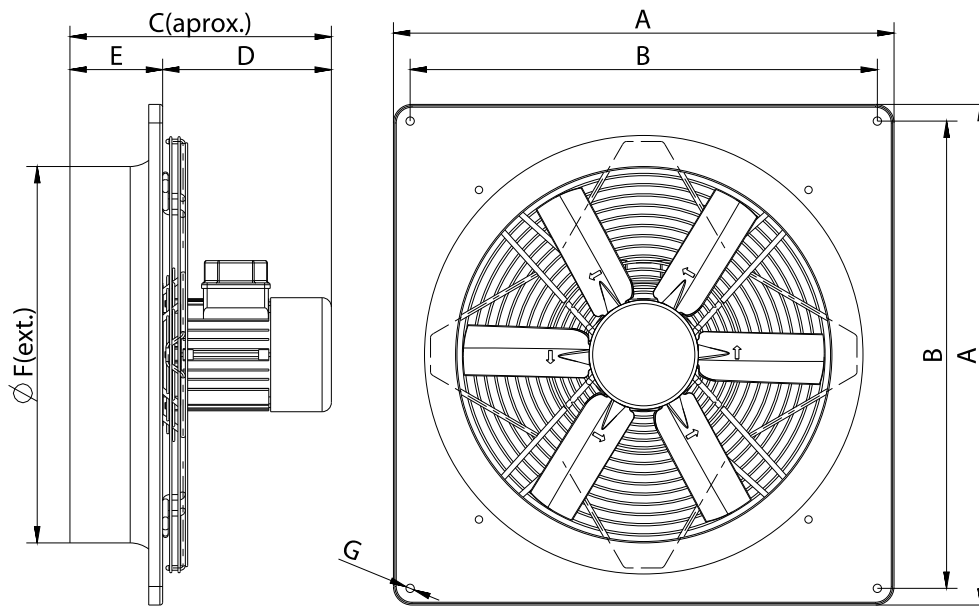
size	80
------	----

approx. weight	9.1 kg
----------------	--------

efficiency	64 %
------------	------

FP	0,94999998808
----	---------------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	655
ØF	508

B	599,4
ØG	11

C	338,5
---	-------

D	218,5
---	-------

E	120
---	-----

HJBM 50 M6 0,18kW (268512103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

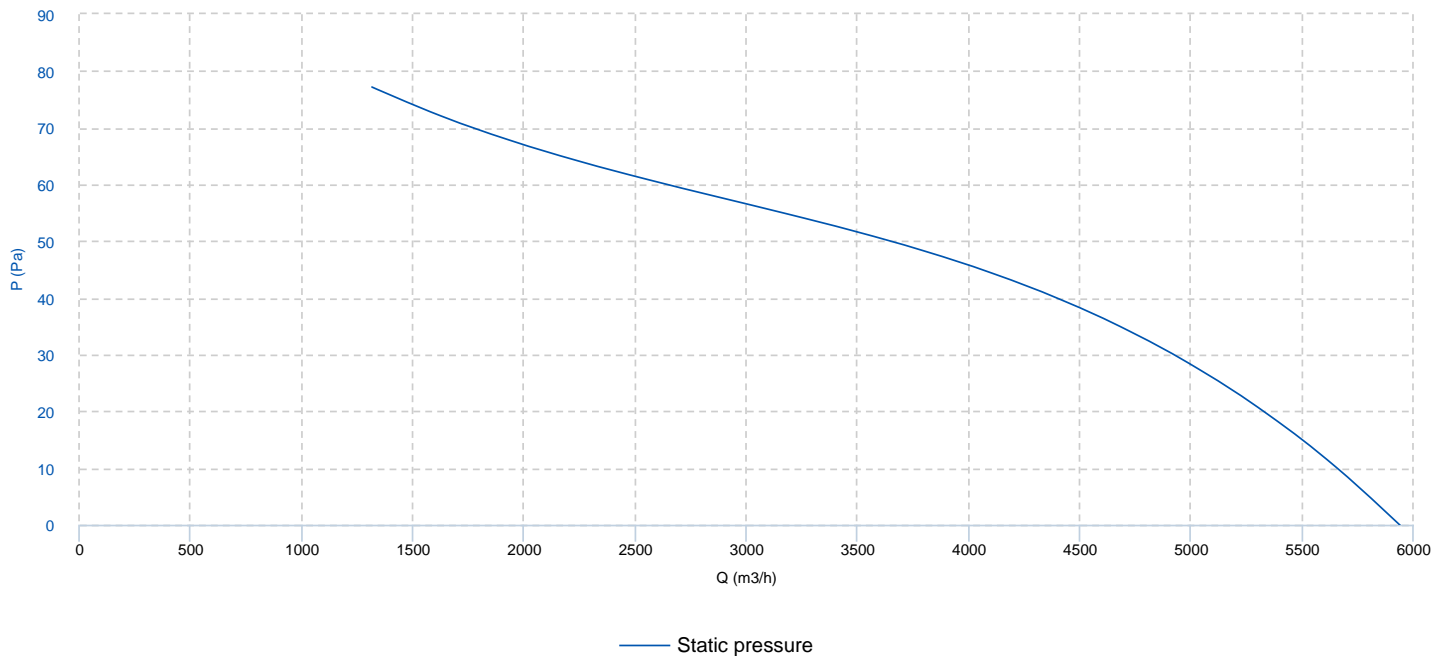
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

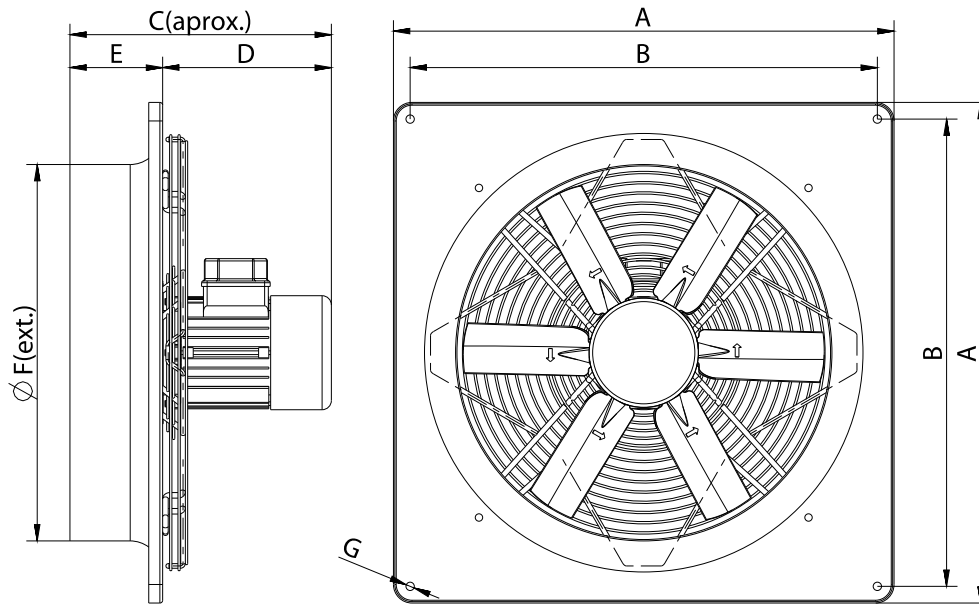
fan

RPM	1000	approx. weight	15 kg	max flow	5960 m ³ /h
-----	------	----------------	-------	----------	------------------------

motor

power	0.18 kW	motor rpm	850	Capacitor	10µF 450V
imax 230V	1.7 A	size	71	approx. weight	6 kg
efficiency	53 %	FP	0,88999998569		

DIMENSIONS DIAGRAM



Dimensions (mm)

A	655	B	599,4	C	320	D	200	E	120
ØF	508	ØG	11						

HJBM 56 M4 0,75kW (268562103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

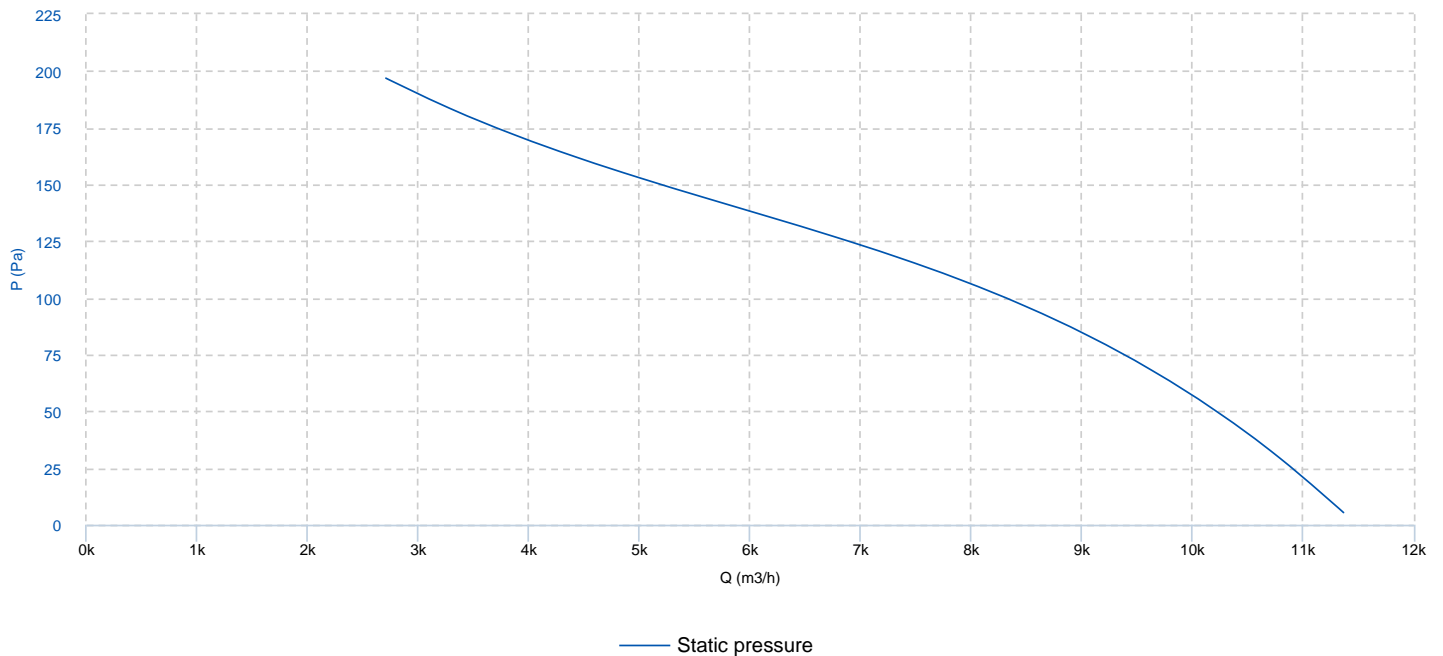
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	1500
-----	------

approx. weight	22 kg
----------------	-------

max flow	11370 m ³ /h
----------	-------------------------

motor

power	0.75 kW
-------	---------

motor rpm	1400
-----------	------

Capacitor	25µF 450V
-----------	-----------

imax 230V	5.21 A
-----------	--------

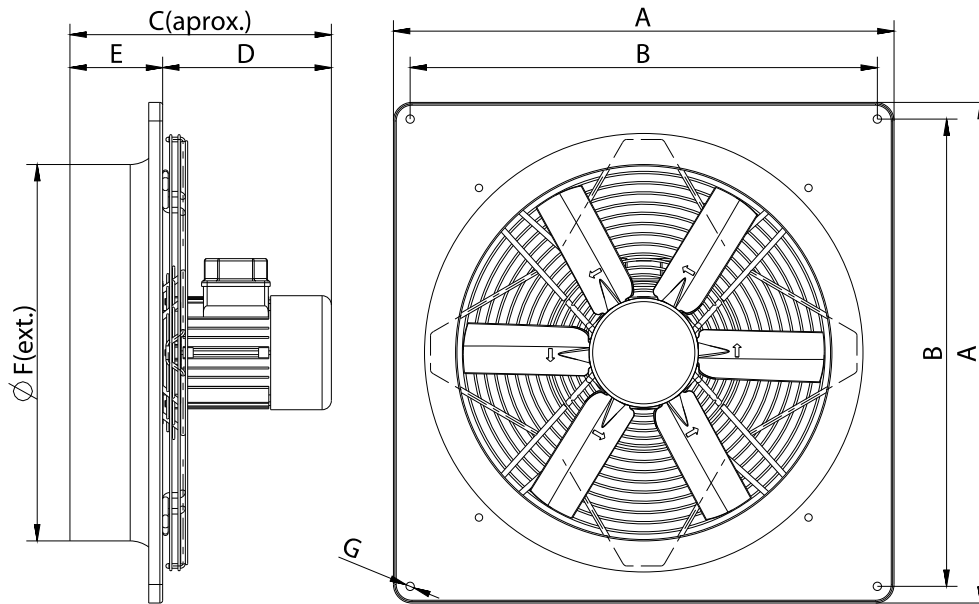
size	80
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approx. weight	10.4 kg
----------------	---------

efficiency	68 %
------------	------

FP	0,94999998808
----	---------------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	725
ØF	563

B	650
ØG	11

C	339
---	-----

D	219
---	-----

E	120
---	-----

HJBM 56 M6 0,25kW (268572103)

GENERAL DATA



SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES

MANUFACTURING FEATURES

- Square plate made of galvanized steel sheet.
 - Variable pitch angle polyamide impeller reinforced with fibreglass.
 - Supplied with motor support and protection guard according to the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.

APPLICATIONS

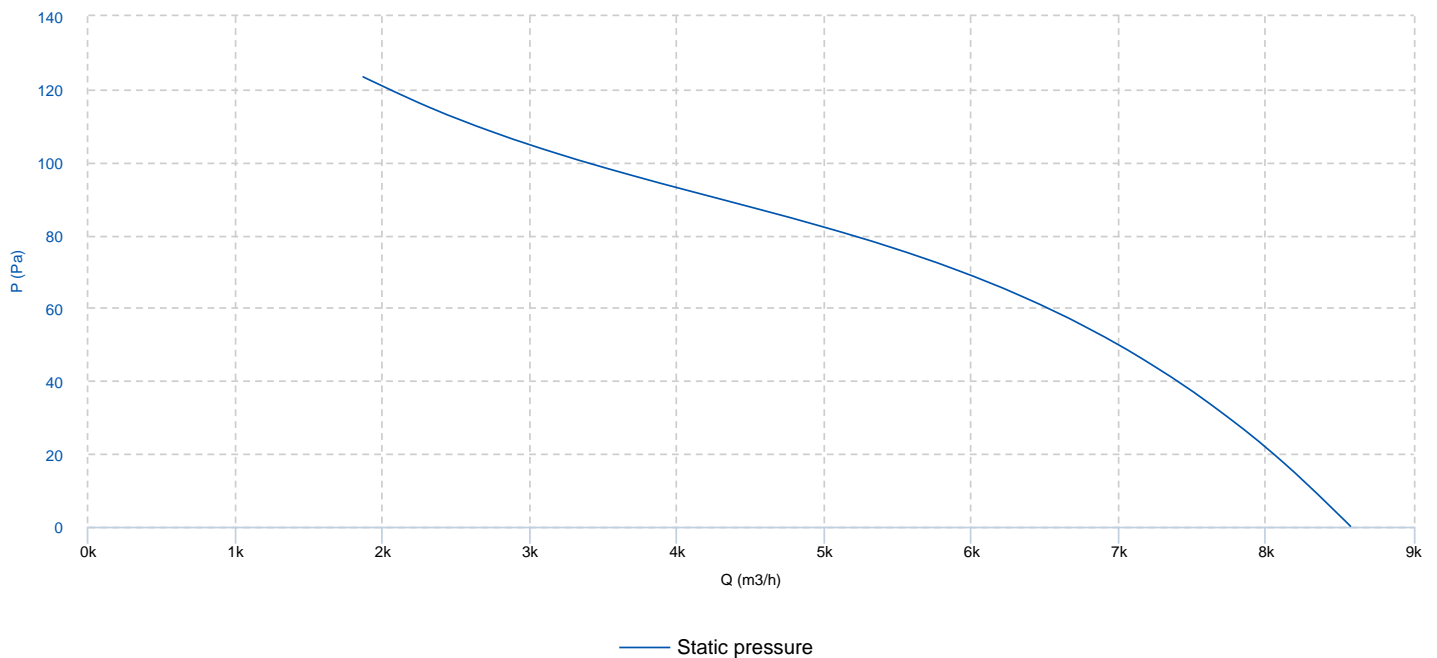
Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Maximum working temperature: single phase 50°C, three phase 60°C.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Aluminium impeller.
- 60Hz fans and special voltages.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	1000
-----	------

approx. weight	19 kg
----------------	-------

max flow	8570 m ³ /h
----------	------------------------

motor

power	0.25 kW
-------	---------

motor rpm	870
-----------	-----

Capacitor	16μF 450V
-----------	-----------

imax 230V	2.42 A
-----------	--------

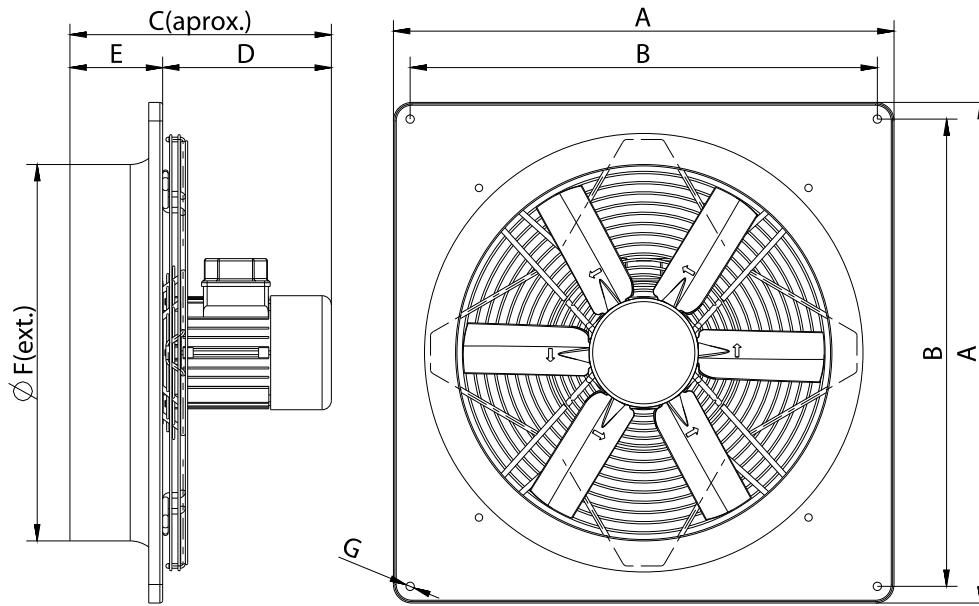
size	71
------	----

approx. weight	7 kg
----------------	------

efficiency	55 %
------------	------

FP	0,92000001669
----	---------------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	725
ØF	563

B	650
ØG	11

C	320
---	-----

D	200
---	-----

E	120
---	-----