

HJBM 56 1,5kW EEC (1420rpm) (268561103)

GENERAL DATA



WALL MOUNTED FAN WITH SQUARE FRAME, VARIABLE PITCH BLADES AND ELECTRONIC MOTOR

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).
- PM brushless motor (permanent magnets), synchronous, electronically commutated, high efficiency and low sound level. Specially designed for fans with electronic operation and control in deported box IP65.

Working range: from 400 to 1200-2000rpm (depending on the models)

Motor with IP54 protection and class F insulation. IP 65 drive case

Power: 220V $\pm$ 10% single phase

Power frequency: 50 / 60Hz

Operating temperature range: -20°C to 50°C

Speed control through signal 0-10V or PWM

APPLICATIONS

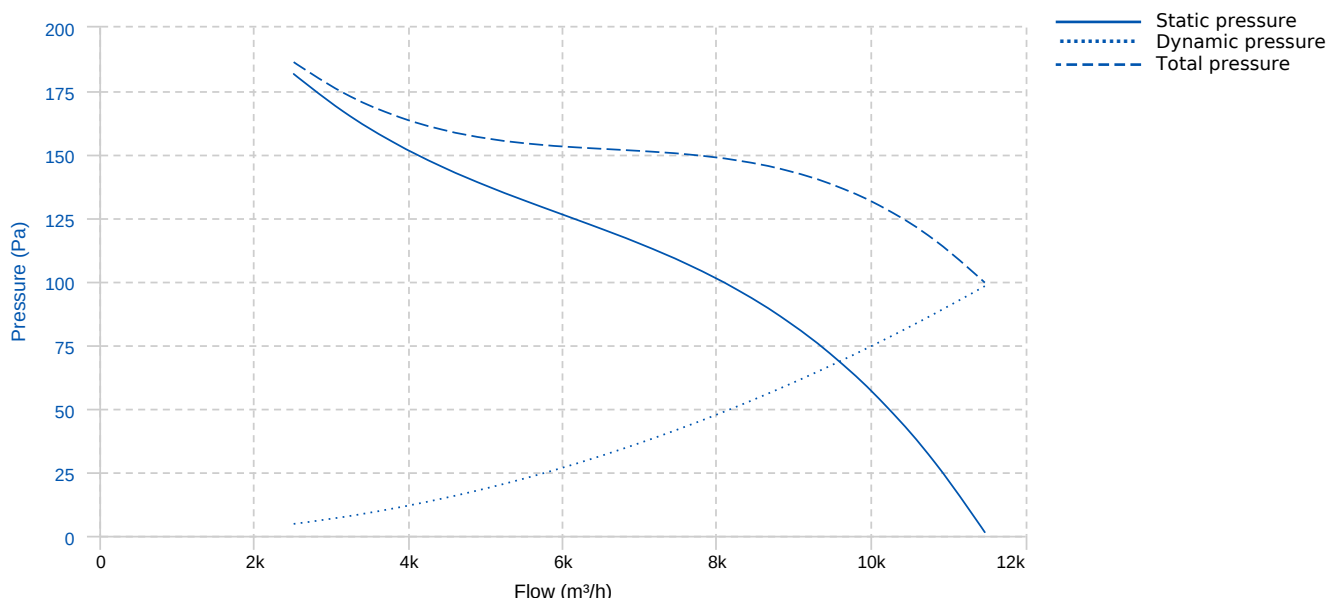
Designed for wall assembly, they are suitable for:

- Air renewal for all kind of buildings and industries.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- Aluminium impeller.

PERFORMANCE CURVE

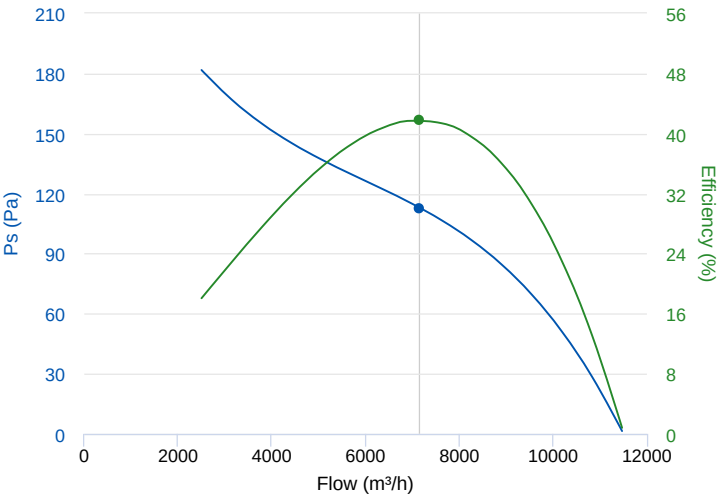


TECHNICAL DATA

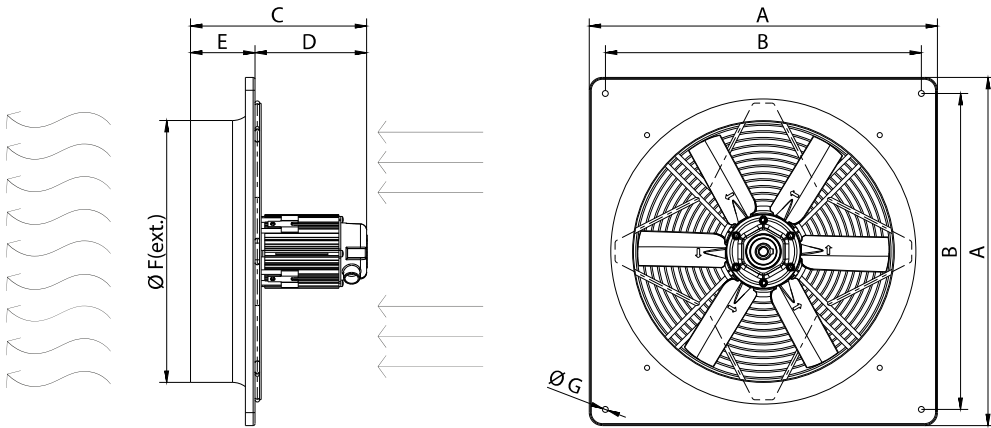
Fan							
RPM	1420	Approx. weight	22 kg	Max. Flow	11480 m³/h		
Motor							
Power	1,5 kW	RPM	1420	I max. (230V)	10 A	Approx. weight	0 kg

ERP DATA

Fan data sheet		
Fan type	Axial fan	
Installation category	A: Outlet and Inlet free discharge	
Efficiency category	Static	
The fan has to be installed with VF	No	
Motor power (kW)	1.5	
	Fan values	ERP Requirements 2015
Max. efficiency (%)	41.75	32.08
Efficiency grade (N)	49.67	40
Pabs (kW)	0.56	
Flow (m³/h)	7158.42	
Static pressure (Pa)	112.91	
Speed (m/s)	1420	
Specific ratio	1.00	



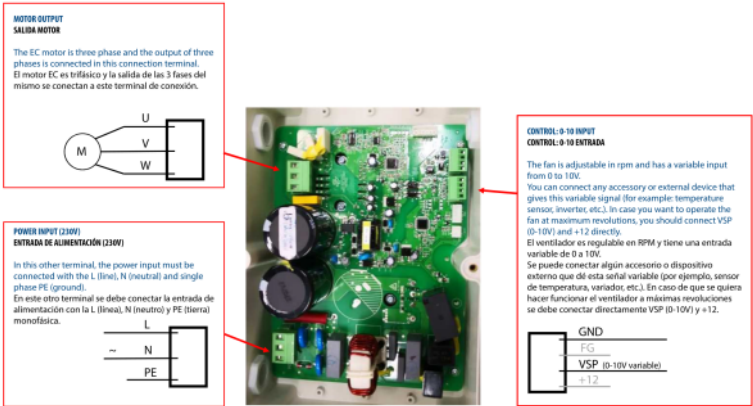
DIMENSIONS



Dimensions (mm)

A	725	B	650	C	315.4	D	195.4	E	120
F	560	G	11						

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



Outlet protection guard for axial fans
RP0 56
REF: 980000056



PLASTIC GRAVITY SHUTTER
PCP 56
REF: 963250105G

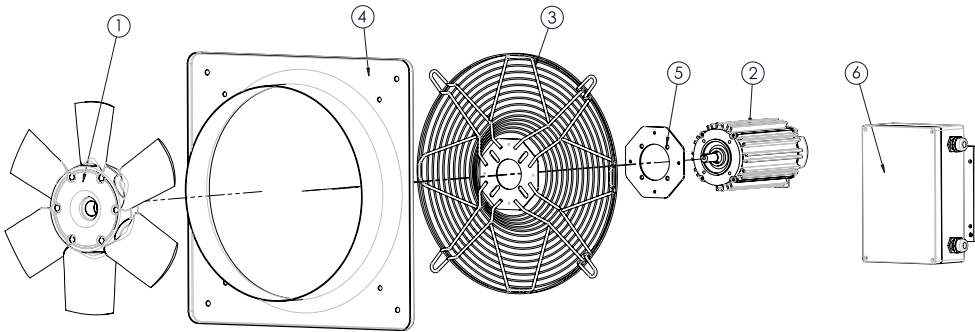


SPEED CONTROLLER FOR EEC MOTOR
REGC
REF: FX263300



ALUMINIUM GRAVITY SHUTTER
PC2 60
REF: PC26060

SPARE PARTS



	Code	Model	Qty
1	R-H56006440PSTD	IMPELLER 560:AP0:6 G40 D24	x1
2	301002200IEC4	MOTOR EEC1500 IEC	x1
3	R-268561902	PROTECTION GRID HJBM56	x1
4	R-268561779A001	FRAME HJBM-HJBM EEC56	x1
5	R-268561909	SUPPORT MOTOR DISC HJBM50-56 T.80	x1
6	301002204R142	ELECTRONICAL DEVICE EEC1500 1420RPM	x1