HJBM PLUS 45 T4 0,55kW

GENERAL DATA

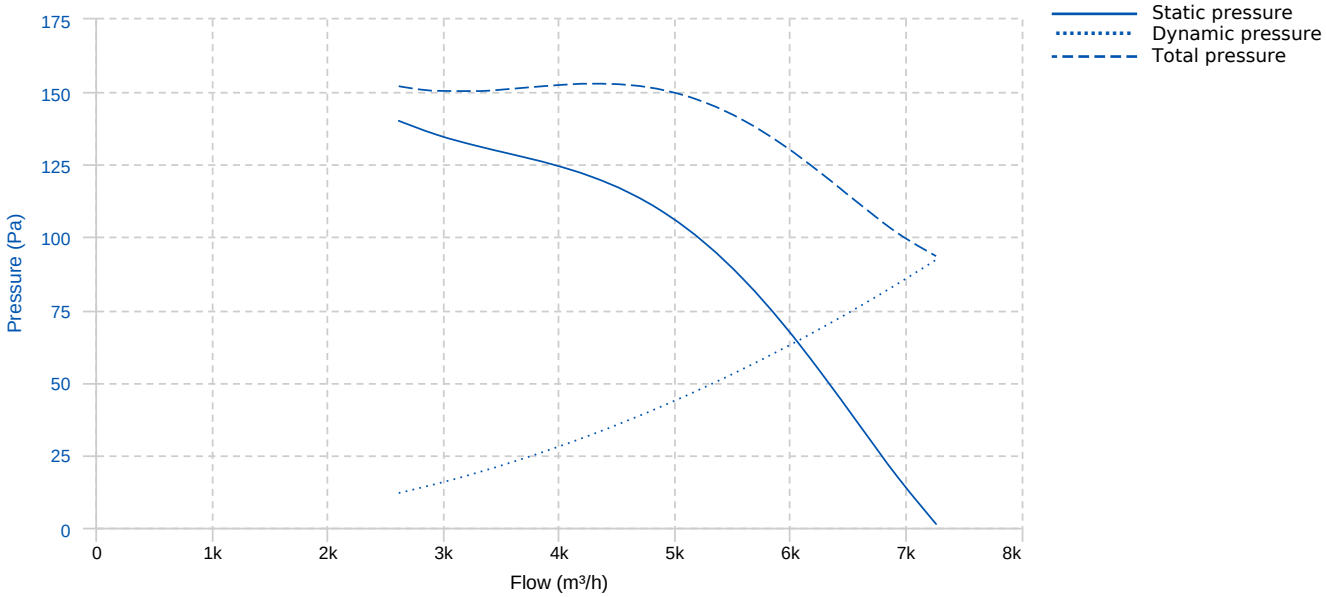
SQUARE WALL PLATE FAN, VARIABLE PITCH BLADES AND HIGH EFFICIENCY MOTOR

MANUFACTURING FEATURES
• Square plate made of galvanized steel sheet with polyester painting.
• Variable pitch angle polyamide impeller reinforced with fibreglass.
• Supplied with motor support and protection guard according to the UNE-EN 20-359-74 norm and the ROHS 2002/95/EC Directive (Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipments).
• High efficiency standard asynchronous squirrel-cage motor with IP-55 protection (wiring box IP-65) and Class F insulation. Manufactured with standard voltages: 230V 50Hz for the single phase motors and 230/400V 50Hz for the three phase motors.

APPLICATIONS
Designed for wall assembly, they are suitable for:
• Air renewal in buildings and industries.
• Maximum working temperature: single phase 50ºC, three phase 60ºC.

UNDER REQUEST
• Aluminium impeller.
• 60Hz fans.

PERFORMANCE CURVE

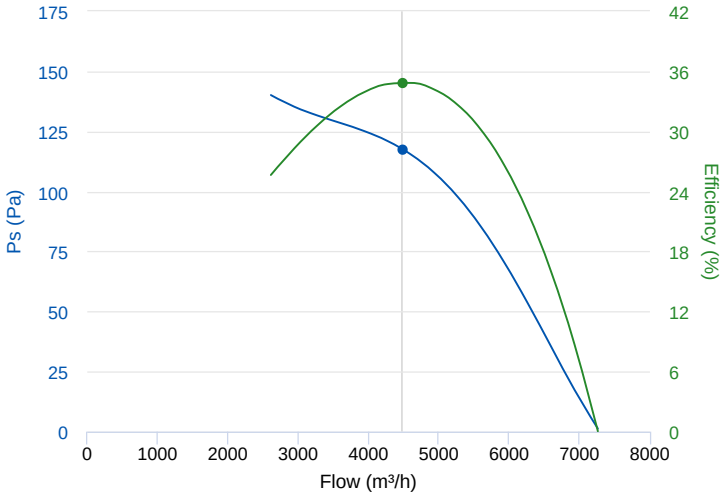


TECHNICAL DATA

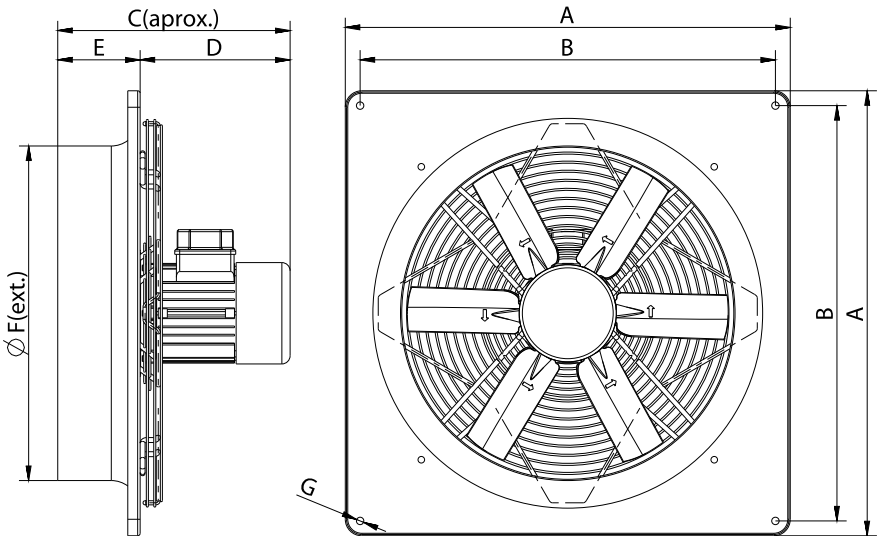
Fan							
RPM	1440	Approx. weight	13 kg	Max. Flow	7270 m³/h		
Motor							
Power	0,55 kW	RPM	1440	I max. (230V)	2,57 A	I max. (400V)	1,49 A
Size	80	Approx. weight	9 kg	Efficiency (%)	73.5 %		

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)	0.55	
	Fan values	**ERP Requirements 2015**
Max. efficiency (%)	34.88	31.28
Efficiency grade (N)	43.6	40
Pabs (kW)	0.418	
Flow (m³/h)	4489.92	
Static pressure (Pa)	117.5	
Speed (m/s)	1440	
Specific ratio	1.00	

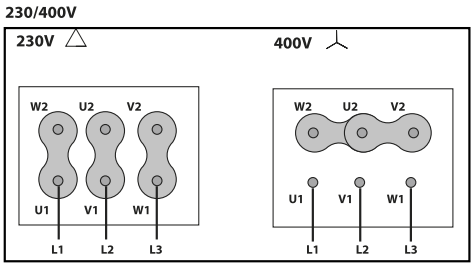


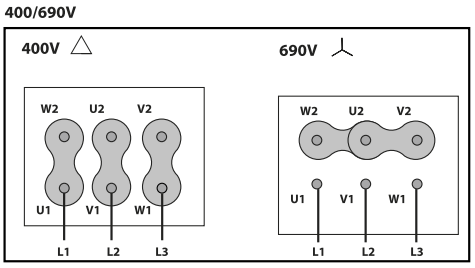
DIMENSIONS



Dimensions (mm)									
A	576	B	521,5	C	326	D	226	E	100
ØF	455	ØG	11						

WIRING DIAGRAM





ACCESSORIES

SAFETY SWITCH
INT 25 3P A
REF: INT253PA

Outlet protection guard for axial fans
RP0 45
REF: 980000045

PLASTIC GRAVITY SHUTTER
PCP 45
REF: 963240105

ALUMINIUM GRAVITY SHUTTER
PC2 50
REF: PC25050

FREQUENCY SPEED CONTROLLER
SFC 230 I 4,2A *
REF: SFC230I004

FREQUENCY SPEED CONTROLLER
SFC 400 III 2,2A *
REF: SFC400III2