CTH3-A 400 M6 0,37KW ATEX Zone 1: FAN (Ex h IIB T4 Gb) + MOTOR (Ex db IIB T4 Gb) (279410103AXD)

GENERAL DATA

ROOF FAN, AL COWL ATEX

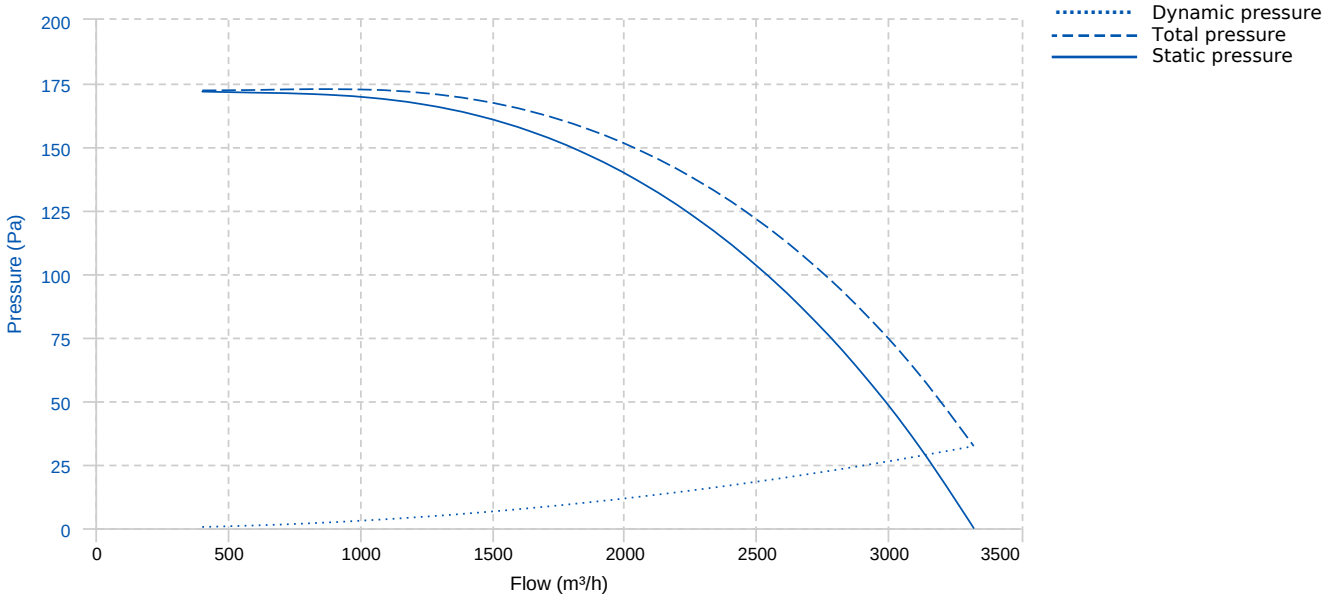
MANUFACTURING FEATURES
• Roof cowl made of aluminium
• Structure, roof base support and bird protection guard made of galvanised steel.
• High efficiency backward impeller with self-cleaning system of steel.
• ATEX standard asynchronous motor. ATEX certified according to the zone. IP55 protection and class F insulation. Manufactured with standard voltages: 230/400V 50Hz for three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS
Ventilation in indoor environments classified as ATEX. Specially designed for roof installation, they are suitable for:
• Smoke extraction.
• Smoke emergency exhaust with motor outside the hazardous area.
• Air renewal in buildings and industries.
• Industrial and professional kitchen hoods.
• Working temperature: ambient from -20ºC to 40ºC, transported air according to the ATEX clasification.

UNDER REQUEST

• 60Hz and special voltages.

PERFORMANCE CURVE

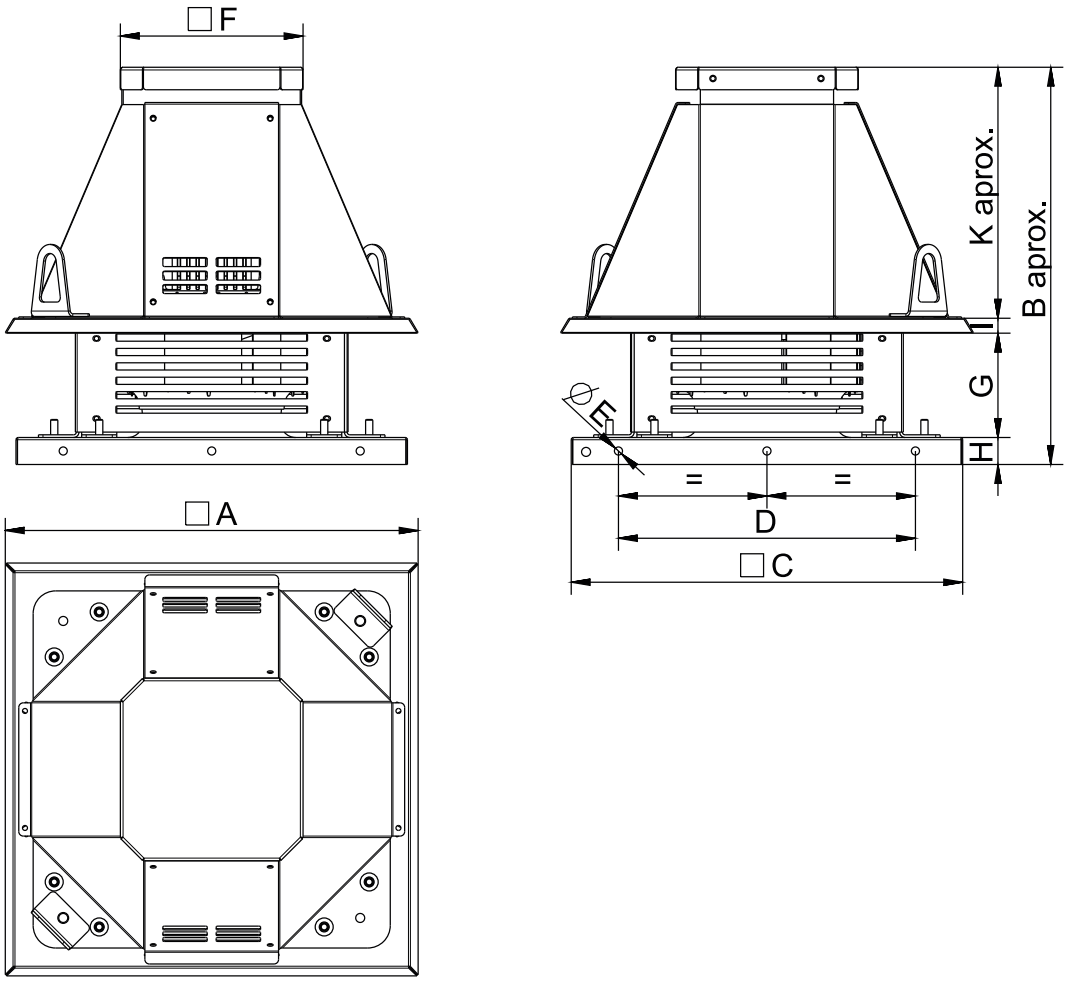


TECHNICAL DATA

Fan							
RPM	890	Approx. weight	42 kg	Max. Flow	3320 m³/h		
Motor							
Power	0,37 kW	RPM	890	I max. (230V)	2,9 A	Size	80

Motor					
Approx. weight	8 kg	Efficiency (%)	58 %	FP	0.920000017

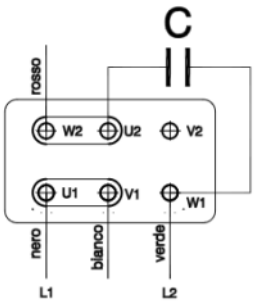
DIMENSIONS

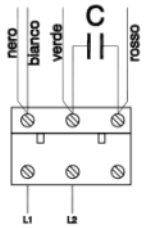


Dimensions (mm)									
A	664,4	B aprox	702,75	C	665	D	520	E	9
F	253	G	268,75	H	40	I	30,75	K aprox	363,25

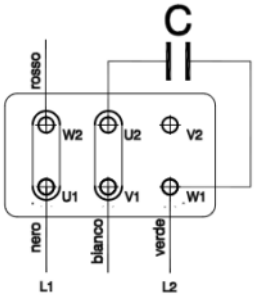
WIRING DIAGRAM

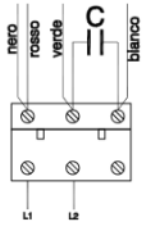
Rotazione
Oraria
Clockwise
Rotation





Rotazione
Anti-Oraria
Anti-Clockwise
Rotation

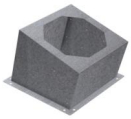




ACCESSORIES

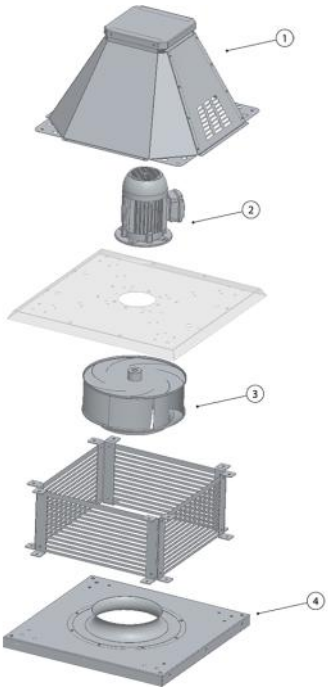
SAFETY SWITCH
INT 25 3P A
REF: INT253PA

ATEX SWITCH
INT 16 ATEX
REF: 510200016X



INCLINED ROOF FAN SUPPORT
BTI 640
REF: A-50870640XX

SPARE PARTS



	Code	Model	Qty
1	R-279358491	ROOF COWL CTH3-A 355-400-450	x1
3	R-279409381	IMPELLER THRE R63B1 400X140x19 RD	x1