CTH3 ATEX

ROOF FAN, ABS COWL ATEX

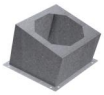
MANUFACTURING FEATURES
• Roof cowl made of ABS
• Structure, roof base support and bird protection guard made of galvanised steel.
• High efficiency backward impeller with self-cleaning system of steel.
• ATEX standard asynchronous motor. ATEX certified according to the zone.. IP55 protection and class 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.

*limited stock available

Accessories



BTI

INT

INT ATEX

SFC

Technical data

Single-phase motor / 4 poles

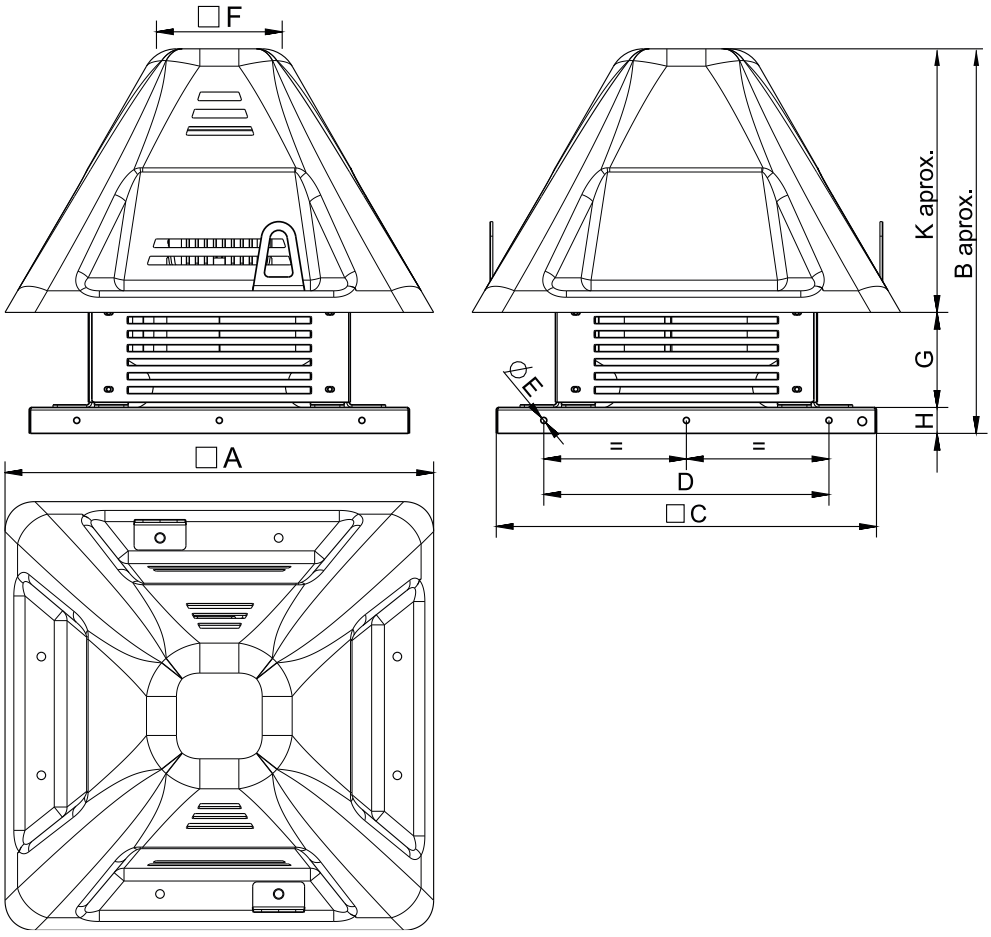
Code	Model	R.P.M.	Rated I. A 230V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
279310103XD	CTH3 315 M4 0,25KW ATEX	1400	1,93	0,25	2.190	43	30	1

Three-phase motor / 4 poles

Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
279310106XN	CTH3 315 T4 0,25KW ATEX	1400	0,84	0,25	2.190	43	30	2

Notes:
** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions

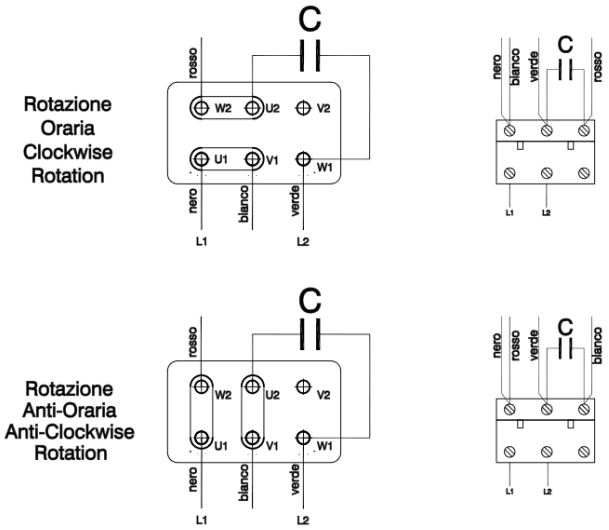


Model	A	B aprox	C	D	E	F	G	H	K aprox
CTH3 315 M4 0,25KW ATEX	616	548	595	450	9	240,2	183	40	325
CTH3 315 T4 0,25KW ATEX	616	548	595	450	9	240,2	183	40	325

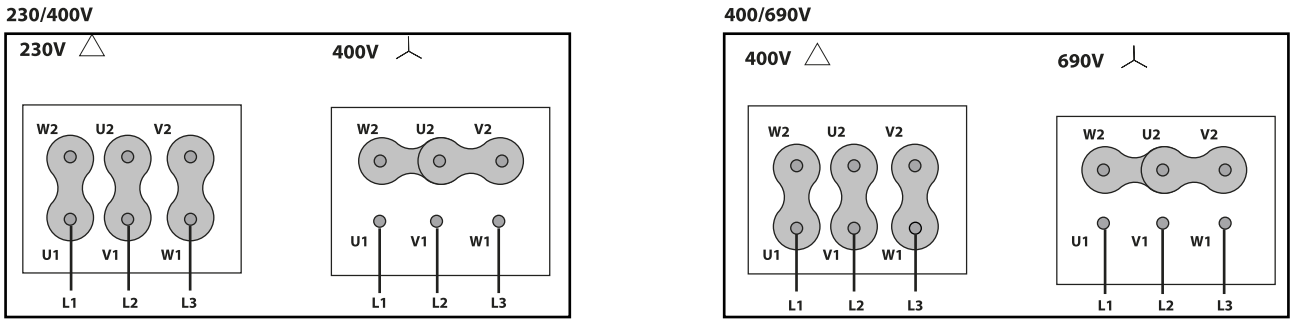
Model	Ø duct	Øinlet
CTH3 315 M4 0,25KW ATEX	315	211
CTH3 315 T4 0,25KW ATEX	315	211

Wiring diagram

Wiring diagram Nº 1



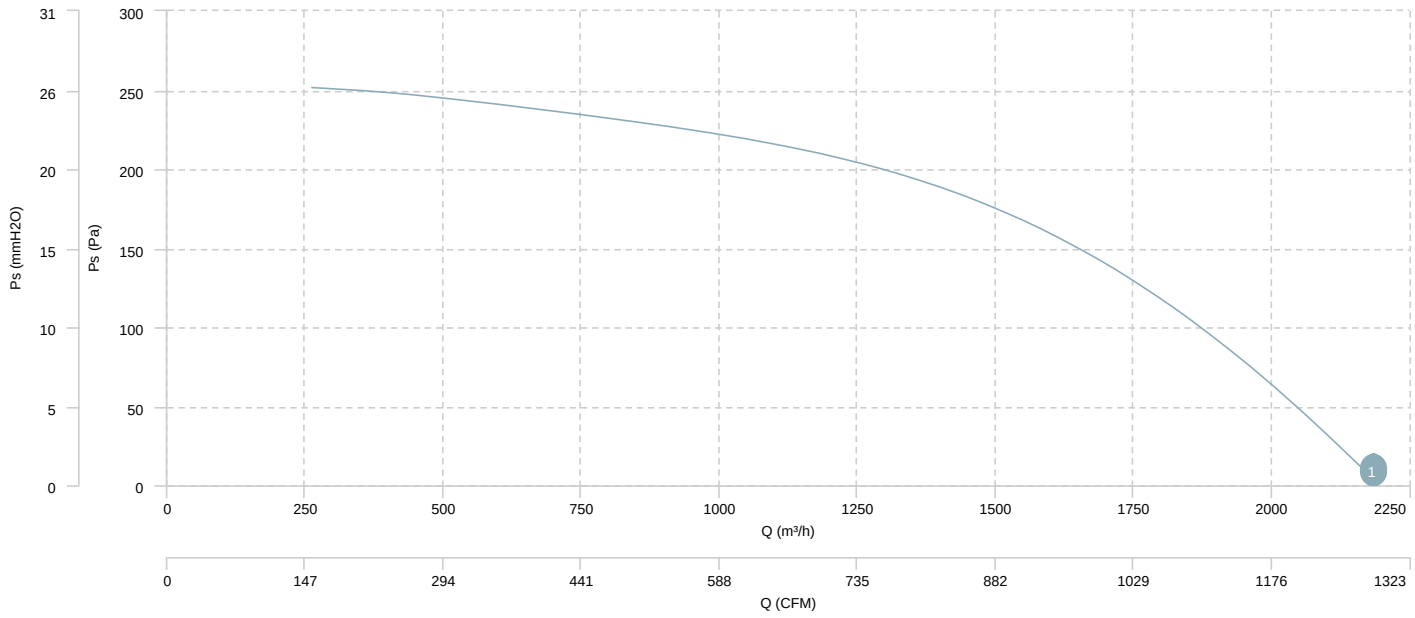
Wiring diagram Nº 2



CHARACTERISCTIC CURVE

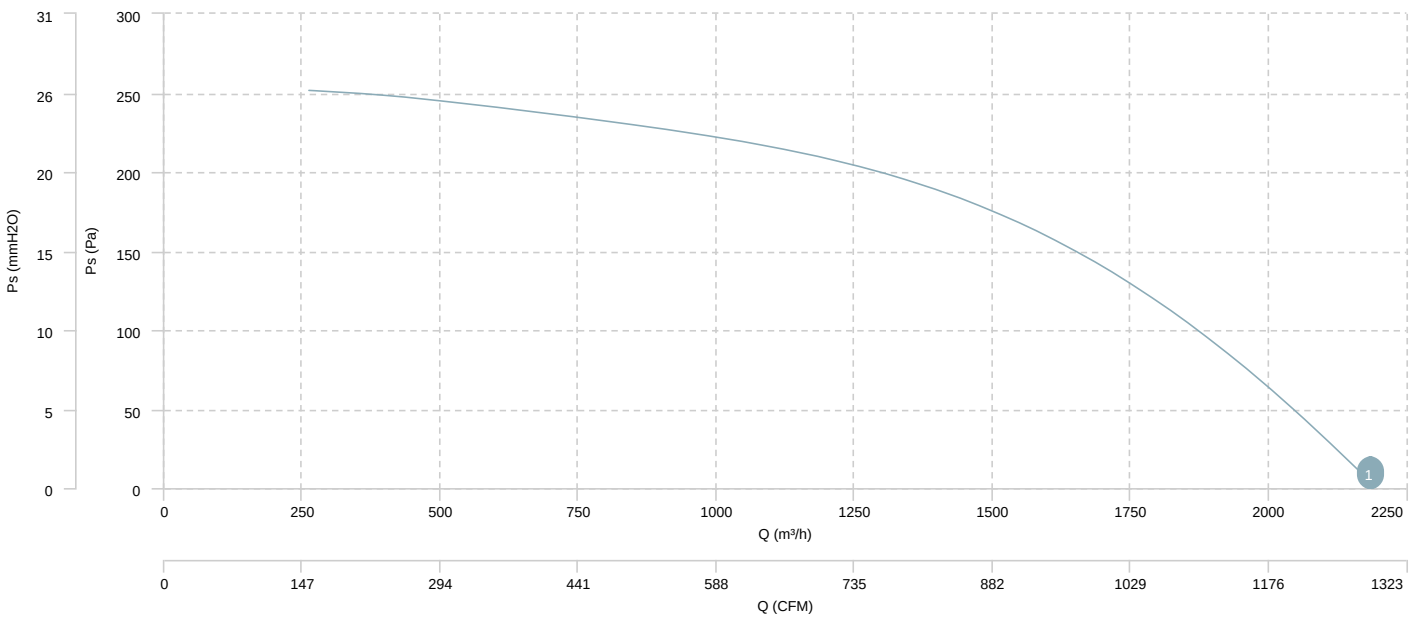
1 CTH3 315 M4 0,25KW
ATEX

AIR FLOW - PRESSURE



1 CTH3 315 T4 0,25KW
ATEX

AIR FLOW - PRESSURE



Sound data

Sound / 4 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
CTH3 315 M4 0,25KW ATEX	Inlet	46	54	59	62	63	62	58	55	69
CTH3 315 T4 0,25KW ATEX	Inlet	46	54	59	62	63	62	58	55	69