



HCBT EX

5604011600 - HCBT/4-315/H-A E71 (230/400V50HZ)EXEII T3 VE - PLATE MOUNTED AXIAL FLOW FANS



General ventilation an atmosphere containing one or more explosive components

ATEX Axial fans

9 standardized diameters from 315 to 1000 mm

Airflow rates from 2380 to 53700 m³/h

Standard airflow direction (A): Motor > Propeller

Reversed airflow direction (B): On request

Square anti-spark plate, protected by black polyester paint

Stainless steel fasteners

Terminal box on motor

Protection IP55

Versions

ATEX Flameproof-gas, ATEX-dust, ATEX increased safety-gas.

ACCESSORIES

Protective grilles

Pressure relief dampers

Electronic speed controllers

Autotransformers

Proximity switch

Star/Delta switch

- Compliant with directive 94/9/EC ATEX
- Certificate No. LOM 03ATEX2082X
- Anti-spark plate
- Reinforced protection
- ATEX Flameproof-gas, ATEX-dust, ATEX increased safety-gas
- IP55



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Theoretical Working Point

Airflow	1.600 m³/h
Static Pressure	50 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m³
Frequency	50 Hz

Working Point

Airflow	1.440 m³/h
Static Pressure	40,5 Pa
Dynamic pressure	14,9 Pa
Total Pressure	55 Pa
Input power	0,126 kW
Outlet speed	5 m/s
Fan speed	1326 rpm
Specific Fan Power	0,31 W/l/s

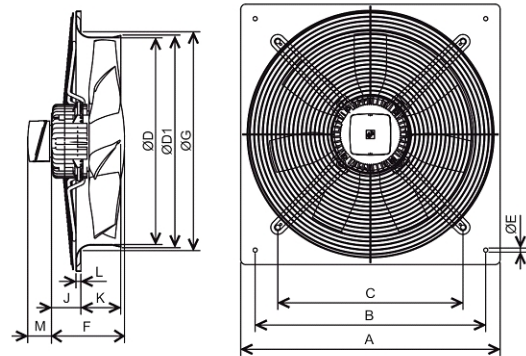
Construction

Discharge diameter	320 mm
Fan size	315
Weight	6,84 kg

Motor Characteristics

Number of poles	4
Voltage	3-230/400V-50Hz
Maximum absorbed current	0,6 A / 0,3 A
Motor insulation class	

Drawing (mm)



A	B	C	D	E	D1	F	G	J
400	330	280	315	10	320	122	329	32

K	L	M
68	12	65

Performance Chart

