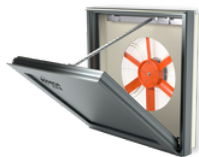


## WALL/AXIAL-56-6T

### Dynamic wall mount axial extract fans fitted with motorised hatch

Wall mounted axial fans with fiberglass reinforced plastic propeller with motorized opening damper. Suitable for installation in industrial buildings or commercial facilities.



#### Fan:

- Wall fixing flange for correct and easy installation.
- Support frame in galvanized sheet steel.
- Fibreglass reinforced polyamide-6 impeller.
- Protection grid against contacts according to UNE-EN ISO 12499.
- On models 71, the protective grille is supplied as an accessory.
- Airflow direction from motor to impeller.

#### Extruded aluminum hatch:

- An extremely robust structure that is able to withstand severe weather changes.
- Designed to ensure watertightness.
- Aluminum profile with thermal bridge break.
- Central ceiling and structure equipped with high performance thermal insulation.
- Thermal resistance of the assembly less than 0.89 W/m<sup>2</sup>·K.
- Limit switches in both positions (open and closed).
- Possibility of mounting in upper and lower opening.
- Manual opening system.

#### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings, IP55 protection.
- Three-phase 230/400 V 50 Hz.
- Working temperature: -25 °C +60 °C.

#### Actuator:

- Reliability greater than 11,000 dual cycles.
- Supply voltage at 230 V AC 50/60 Hz.
- Working temperature: -25 °C +60 °C.

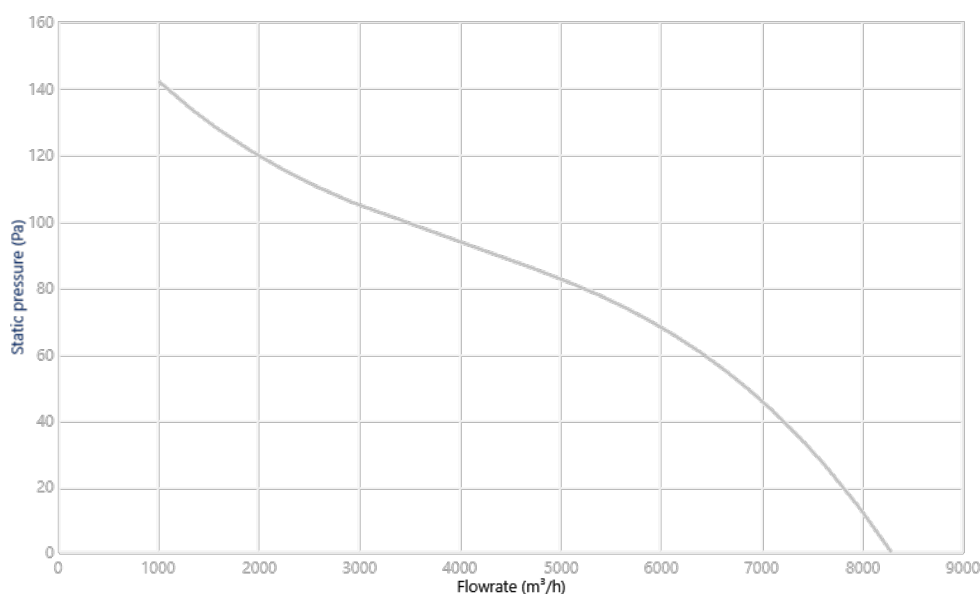
#### Flap finish:

- Anti-corrosive in extruded aluminum.
- RAL 7016 supplied as standard. Any other RAL can be supplied on demand.

#### On request:

- AA: impeller-motor air direction for air entry to premises.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



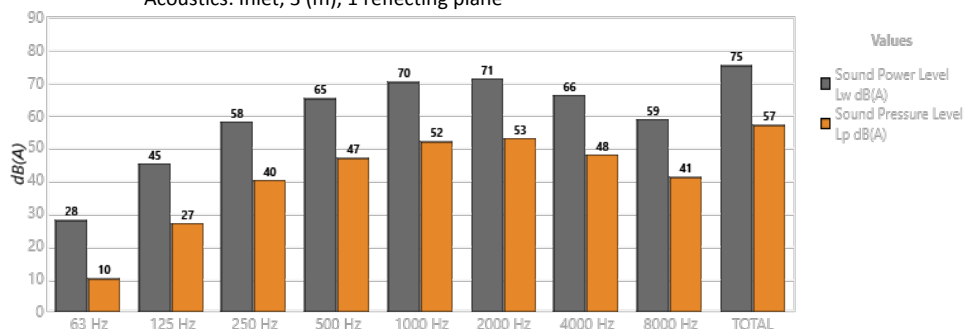
#### Design Point

Q (m³/h)	
Ps (Pa)	

#### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), 1 reflecting plane



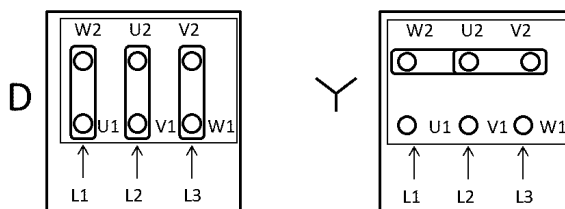
Band	Lw dB(A)	Lp dB(A)
63 Hz	28	10
125 Hz	45	27
250 Hz	58	40
500 Hz	65	47
1000 Hz	70	52
2000 Hz	71	53
4000 Hz	66	48
8000 Hz	59	41
TOTAL	75	57

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	8291
Speed (rpm)	900
Maximum static pressure (Pa)	142
Maximum total pressure (Pa)	142.7

## MOTOR DATA

Rated Mechanical Power (kW)	0.37
Hz/phases	50/3
Motor (rpm)	900
Poles	6P
Max. current (A) 380-415 V Y	1.3
Max. current (A) 220-240 V D	2.24
Motor protection	IP55
Motor frame size	80



Data can change, please check motor plate

## DIMENSIONS

A	B	C [1]	D [2]	E	F	G	J1	J2	K1	K2
690	690	700	700	82	560	485	840	220	840	220

[1] (C x D) Nominal size of the wall opening.

[2] (C x D) Nominal size of the wall opening.

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	46
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