

BELT DRIVEN AXIAL FANS

WOODCOCK
& WILSON



Axial fans are suitable for large quantities of air at low pressures while producing very little noise. Compared with centrifugal types, axial fans have the following advantages:

- Lower price
- The impeller has adjustable blades which make it possible to adapt the fan to the requirements of the plant
- Reduced space requirements
- Shorter ducts, thus lowering the cost of the system

Belt driven axial fans are used in situations where it is important that the motor is kept out of the airstream due to the type or temperature of the gases/fumes involved. An additional advantage is the accessibility of the motor allowing easy maintenance.

ARRANGEMENT

- Single Stage

ATEX

- ATEX (II 2/3/G/D T1-T6) specification fans available for hazardous areas.

CONSTRUCTION

- In this instance the casing covers the entire length of the impeller and v-belt drive. Motor is mounted outside the fan case. An inspection door is provided for access.

MOTORS

- In most instances foot mounted T.E.F.C. electric motors are fitted. The motors are selected to cover the 'peak' power absorbed for fan blade pitch angle and speed.
- The common voltages are 220, 220/380, 380, 240/415 and 460. Motors can be wound for any voltage / frequency and also for dual voltage. The use of standard foot mounted motors of this type guarantees interchangeability in most countries of the world with machines of similar speed/power.
- EExd, EExnA, single phase, 2/3 speed and company specification motors can always be obtained.

IMPELLERS/315 – 1400MM DIAMETER

- Impellers have variable or fixed pitch GRP or Aluminium blades fitted into a die-cast Aluminium hub. Available in glass reinforced polypropylene (PPG), glass reinforced (PAG), anti static glass reinforced polyamide (PAGAS), vibration stabilised glass reinforced polyamide (PAGST) and aluminium (AL).
- A wide choice of blade angles are available and each blade is generally replaceable in the event of breakage. All sizes of impellers can be supplied with varying number of blades to suit the application.

FINISH

- Standard – Zinc Phosphate
- Optional – Epoxy Paint or Hot Dipped Galvanised or Stainless Steel



EXTRA FEATURES

- Mounting Feet
- Flexible Connections
- Anti-Vibration Mountings
- Mating Flanges
- Inlet Bellmouths
- Guards
- Back-Draught Shutters
- Special Paint Finishes

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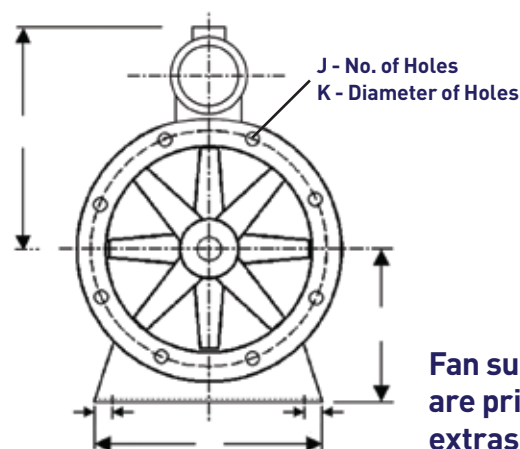
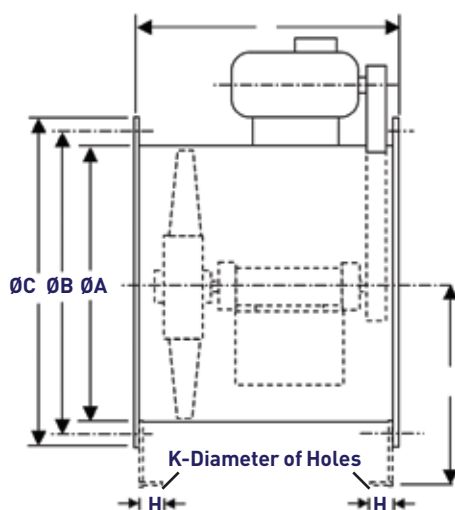
For more information call
01484 462777 or visit
fanmanufacturers.com.



**PROUDLY MADE
IN BRITAIN**

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Fan support feet
are priced as
extras

BELT DRIVEN AXIAL FAN DIMENSIONS

Size	ØA	ØB	ØC	D	E	F	G	H	J	K	L(min - max)
315	315	355	395	475	236	315	40	40	8	10	380-440
400	400	450	480	475	300	400	50	45	8	12	445-485
450	450	500	530	475	335	450	50	45	8	12	470-540
500	500	560	594	560	355	500	50	45	12	12	500-570
560	560	620	654	560	400	560	50	45	12	12	570-650
630	630	690	724	710	450	630	50	45	12	12	610-680
710	710	770	804	710	500	710	50	45	16	12	650-725
800	800	860	894	750	560	800	50	45	16	12	700-725
900	900	970	1006	800	600	900	75	50	16	15	770-875
1000	1000	1070	1106	900	670	1000	75	50	16	15	830-935
1120	1120	1190	1258	900	750	1120	75	50	20	15	910-1070
1250	1250	1320	1388	950	850	1250	75	50	20	15	1040-1140
1400	1400	1470	1538	950	950	1400	75	75	20	15	1130-1220

due to continual product development, the company reserves the right to change design or specifications

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