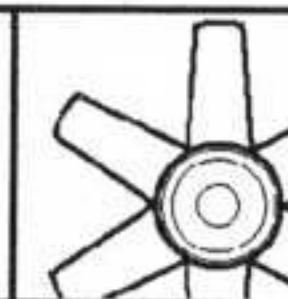




SUMMARY FAN DATA SHEET



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Fan Data

AX - Axus Circular, GRP Blades

Circular Cased Axial Fan

Fan Code:	AX45P-461
Required Duty:	1.6 m ³ /s @ 75 Pa
Actual Duty:	1.605 m ³ /s @ 75 Pa
Actual at Required Flow:	1.6 m ³ /s @ 77 Pa
Nominal Fan Speed:	4 Pole 1,370 RPM
Electrical Supply:	1 Phase
Nominal Motor Rating:	0.55 kW
Motor Current:	flc: 4.2 A
Motor Current:	sc: 15.12 A
Blade Angle:	37.5 °
Max. Operating Temp.:	55°C

Whilst the information given on this data sheet is fan specific, it is in summary and reference to the product selection catalogue and installation & maintenance documents is recommended.

Due to our policy of ongoing product development and continuous improvement, we reserve the right to make technical changes without prior notice.

Sound Data

Breakout Noise (dBA): 49 dBA @ 3m

Breakout level is hemi-spherical. For spherical deduct 3 dBA.

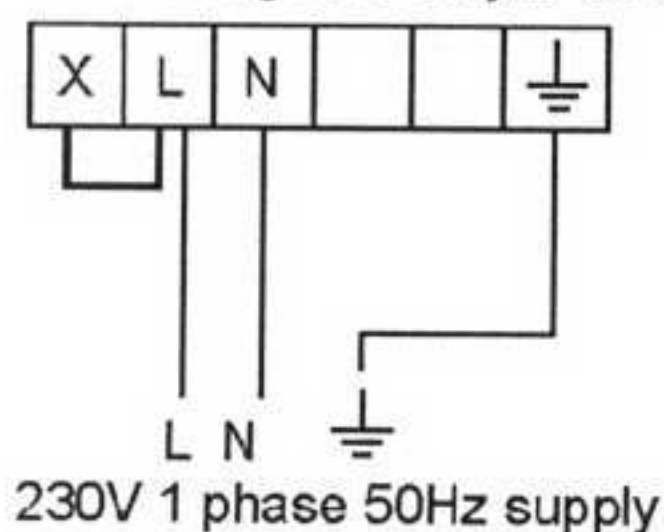
Sound Power Levels re 1 pWatts (Hz):

Hz	63	125	250	500	1k	2k	4k	8k
Induct Inlet	77	79	82	73	72	67	62	57
Induct Outlet	76	80	83	76	74	69	63	58
Open Inlet	67	73	78	72	72	67	62	57
Open Outlet	66	74	80	75	73	69	63	58
Breakout	72	74	76	68	61	56	47	36

Noise calculated at actual duty of fan with selected ancillaries.

Wiring Information

This is a guide only. Please refer to the installation manual.



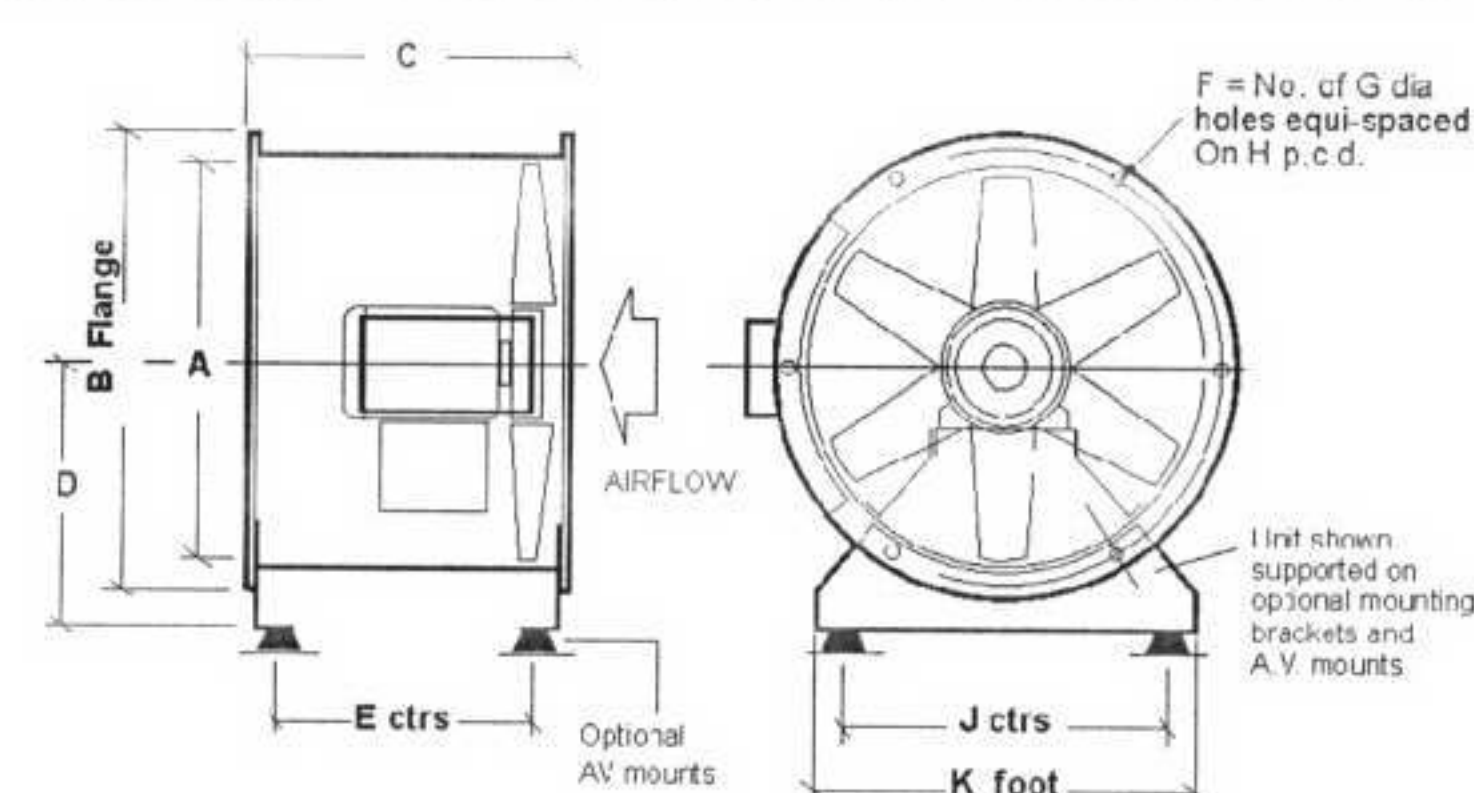
Selected Ancillaries

1 x NAV2	Anti-vibration mounting kit
1 x CMB45	Mounting bracket (pair)
2 x CMF45	Matching flange
2 x CFC45	Flexible connector

Specification

Axus circular inline axial flow fan manufactured from galvanised steel. Fan incorporates inlet and outlet flanges with pre-drilled bolt holes, and an external terminal box to IP55. The motor is totally enclosed and protected to IP55, foot mounted class 'F' insulated and has sealed for life ball bearings. Blades manufactured from injection moulded GRP mounted in a die cast aluminum alloy hub as standard.

Fan Dimensions



	A	B	C	D	E	F	G	H	J	K	kg
mm:	450	540	450	300	370	8	12	500	330	380	27

The drawing is for dimensional purposes only.

Performance Curve

