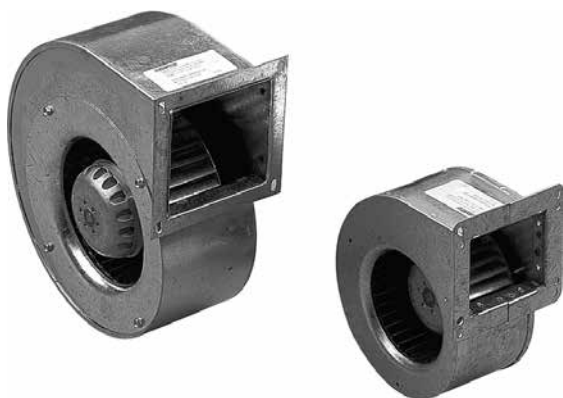


SIGMA SERIES

Forward-curved Centrifugal Fan

SIGMA SERIES



Description

The Sigma Series of forward-curved centrifugal fans is ideal for handling relatively low airflows at quite high pressures.

Typical Applications

Applications where medium airflows are required but system pressures are relatively high such as ovens and switch boards.

Features

- Quality single-width, single-inlet housings.
- Can be easily speed-controlled.
- High strength galvanised steel housing.
- Can be mounted at any angle.

Construction

Housings are of pressed, galvanised steel.

Impellers are galvanised, forward-curved design.

Motor

Type - external rotor, squirrel cage induction motor.

Electricity supply - 230V, single-phase, 50/60Hz.

Ball Bearing - sealed for life.

Speed-controllable.

Motor protection IP44.

See pages O-2/3 for details on these motors.

Internal Thermal Protection

Auto-reset type fitted as standard

Testing

Airflow test to NFX 10-200

Suggested Specification

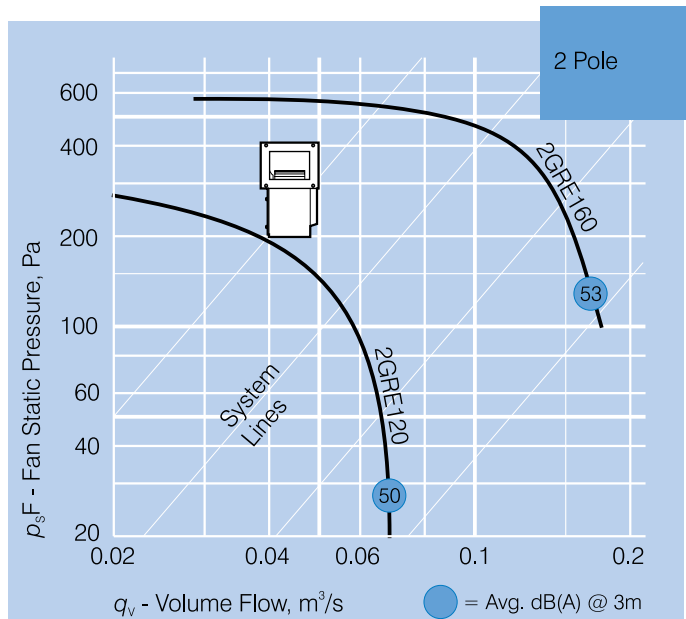
The single-width, forward-curved centrifugal fans shall be of the Sigma Series as supplied by Elta Fans.

The impellers shall be of forward-curved design, constructed from galvanised steel and driven by a speed-controllable, single-phase, external rotor motor with integral thermal protection. The housings are of pressed, galvanised steel.

All models shall be fully tested to NFX 10-200 for airflow.

How To Order

Select the model that will deliver at least the amount of air required.



If the performance you require is not shown, please contact our Sales Engineers.

Technical Data

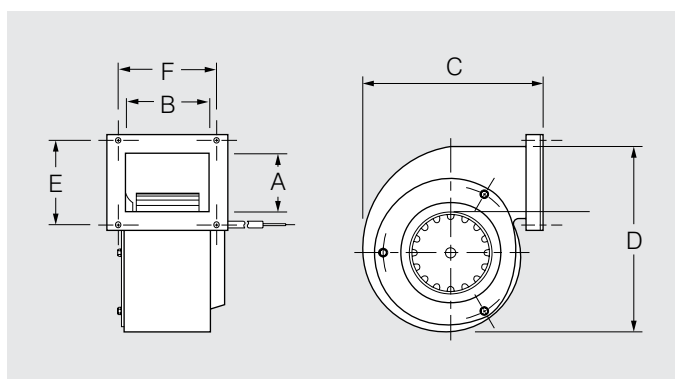
Model Number	Fan Speed rev/sec	Avg. dB(A) @ 3m	Single-phase Watts	Amps	Max. Amb. °C
2GRE120	37	50	75	0.34	50
2GRE160	33	53	244	1.07	50

Ancillary Equipment



VA - Speed controller
Ref. Section M

Dimensions



Model Number	Dimensions, mm						App. wt. kg
	A	B	C	D	E	F	
2GRE120	68	78	172	180	89	100	2.1
2GRE160	95	95	241	267	110	115	3.7

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